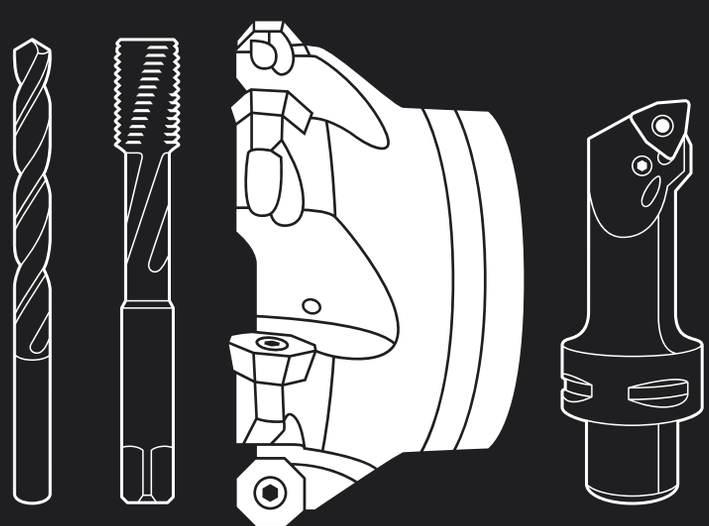
WALTER
Engineering Kompetenz

Solid carbide and PCD milling tools
Milling tools with indexable inserts

General Catalog D
Edition 2024

_ METAL IS OUR WORLD

Tools for Milling



How to find and order your tool solution:

Personal – worldwide
You can contact us by phone, fax or e-mail. The contact details for your local contact can be found on our website at: **walter-tools.com**

The Walter Hybrid catalogs and brochures
show the entire standard range under the Walter, Walter Titex, Walter Prototyp and Walter Multiply competence brands – in print or in digital format – with product range overviews, product data, cutting data recommendations and much more. Including links to our machining navigator, Walter GPS, or the Walter TOOLSHOP with the chance to order directly.

At walter-tools.com, you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.
The benefit for you: Direct access from any device, displayed in an optimised form, at any time.

Walter online catalog



Tool-specific search
You can find products in the Walter online catalog using the familiar structure of our product catalogue as well as filter and search functions. Other features: A shopping function and links to drawings and models.

Walter GPS



Application-based search
With Walter GPS, it takes just a few steps to find the optimum machining solution for your component, online and offline – and the solution can be transferred directly to the Walter TOOLSHOP if required.

Walter Innotime®



Component-based search
With Walter Innotime®, you can find the most cost-effective machining solution for your component, including all the tools, machining steps and machining parameters required for this. Simply by uploading your 3D model.

Digital ordering methods

TOOL:SHOP

EDI B2B

Walter TOOLSHOP & EDI
The Walter TOOLSHOP offers customers opportunities to find information and place orders quickly.
EDI (electronic data interchange) also makes it possible to exchange documents (e.g. orders) – even special tools can be ordered.

D - Milling

D1 - Solid carbide milling tools

Solid carbide milling tools	Program	Order pages
High-feed milling cutter	D 10	D 26
Shoulder milling cutters	D 11	D 31
Shoulder/slot milling cutters	D 14	D 72
Copy milling cutters	D 20	D 184
Profiling cutters	D 23	D 207
Circle segment milling cutters	D 25	D 213

Solid carbide milling tools with ConeFit interface	Program	Order pages
High-feed milling cutter	D 216	D 223
Shoulder milling cutters	D 217	D 229
Shoulder/slot milling cutters	D 218	D 233
Copy milling cutters	D 220	D 245
Profiling cutters	D 221	D 249
Circle segment milling cutters	D 222	D 258

Solid carbide milling tools with modular interface	Program	Order pages
Slot milling cutters	D 260	D 261
Chamfer cutter		D 268

PCD, ceramic and carbide-tipped milling tools	Program	Order pages
Shoulder milling cutters	D 270	D 276
Copy milling cutters	D 273	D 285
Shoulder/slot and high-feed milling cutters	D 274	D 286
ConeFit shoulder/slot and high-feed milling cutters	D 275	D 288

D2 - Milling tools with indexable inserts

Indexable inserts for milling	Order pages
Positive indexable inserts	D 291
Negative indexable inserts	D 326
Indexable inserts for tangential fitting	D 342

Indexable insert milling cutters	Program	Order pages
Face milling cutters	D 351	D 376
High-feed milling cutter	D 356	D 452
Shoulder milling cutters	D 358	D 476
Slot milling cutters	D 366	D 600
Copy milling cutters	D 370	D 646
Profiling cutters	D 374	D 706

D3 - Solid carbide milling tools - Inch

Solid carbide milling tools	Order pages
	D

Technologies at Walter

Accure·tec®

The patented Walter Accure·tec® technology ensures maximum vibration damping on boring bars for turning and adaptors for milling. Ideal for turning, milling and drilling operations involving extended tool applications.

Drion·tec®

Drion·tec® is the name for Walter's drilling and reaming tool solutions with a replaceable cutting edge – both with indexable inserts and exchangeable inserts. Drion·tec® drills are set apart by their cost-efficiency, high precision and versatility. Thanks to a wide product range, they are suitable for specialised mass production as well as for specific applications and mixed-mode manufacturing.

Groov·tec™

Groov-tec™ is the latest generation of Walter high-performance cutting tools.
These are characterised by maximum stability, which enables high process parameters (feeds/speeds/depth of cut) and leads to maximum toolholder and indexable insert service life. At the same time, the systems maximise process reliability by means of controlled chip breaking.

Krato·tec®

Krato·tec® is a unique Walter coating technology for solid carbide tools. The core of this consists of an extraordinarily fracture-resistant AlTiN multi-layer coating with a textured top layer.
The special layer architecture is highly wear- and adhesion-resistant, even at high cutting speeds, and ensures the tools have universal application.

Tiger·tec®Gold

Tiger·tec® Gold, the new Walter generation platform for unique indexable insert coatings, enables maximum tool life and process reliability. The new grades are based on PVD, CVD or ULP technology, depending on the application. Unique coating properties, protected by multiple patents, guarantee the best protection against tool life-limiting types of wear and ensure outstanding performance.

Tiger·tec®Silver

With Tiger·tec® Silver, Walter is offering a world first in coating technology for indexable inserts.
The special aluminium oxide layer with optimised microstructure reduces wear during turning, milling and drilling operations, and increases toughness and temperature resistance for significantly higher cutting data.

Thread·tec™

Thread·tec™ refers to selected Walter threading tools with high performance and process reliability. Combining the most recent technical developments and proven properties in tool geometries and coatings, Thread·tec™ is a comprehensive product range featuring a variety of lengths and dimensions. This makes the assortment suitable for any application – whether for thread milling, forming, or tapping.

Thrill·tec™

Thrill·tec™ circular drill/thread mills combine three functions in one tool and operation: Chamfering, drilling core holes and producing threads. The tools boast a special combination of substrate, coating and geometry, resulting in long tool life. Bringing together multiple machining steps makes incredibly short machining times possible and reduces the number of tools used and machine slots required.

Walter BLAXX

Walter BLAXX is the benchmark for a new generation of milling cutters: The milling bodies are extremely robust thanks to their special surface treatment. The milling systems, which are mainly positioned tangentially, are equipped with Tiger·tec® indexable inserts. Tools with the "Walter BLAXX" designation combine high wear resistance with unbeatable performance data.

Walter Xpress

Walter Xpress is the rapid ordering and delivery service offered by Walter Multiply for high-quality special tools. It is available for around 10,000 tool varieties, with a maximum delivery time of two to four weeks from the order date. The ordering process is clearly structured and guarantees absolute planning security. Quotations for all enquiries are calculated and provided within 24 hours.

Walter Precision XT

Precision boring tools are always used to finish an existing bore or to improve the precision of existing bores, for instance by correcting their position, narrowing the hole tolerance, or enhancing the surface quality. Precision boring is typically performed using a depth of cut < 0.5 mm (0.02 inches).

Walter Boring XT

Tools for rough boring are used to expand existing bores. Material removal is a key element of this process. The bore to be enlarged is machined in advance or created using casting or forging processes. The rough boring tools themselves can also be used for radial offsetting and multi-edge boring.

XD Technology

Walter Titex solid carbide drilling and reaming tools stand for precision, high performance and cost-efficiency when drilling in practically any material. Walter Titex XD Technology offers the greatest precision and cost-efficiency in deep-hole drilling operations up to 70 × Dc without pecking.

Xill·tec®

With Xill·tec®, the solid carbide milling cutters from the MC230 Advance product range, Walter offers a uniquely wide range, with different dimensions, numbers of teeth and shank versions. This means that users are well-equipped for all conceivable milling operations and ISO materials. Universal use – with excellent quality.

Xtra·tec®

Xtra·tec® indexable insert milling cutters and drills guarantee extremely soft cutting action and optimal surface quality on almost all materials. Indexable inserts with highly positive geometries and the Tiger·tec® coating have a particularly beneficial hardness/toughness ratio. For maximum productivity and process reliability.

Xtra·tec®XT

Xtra·tec® XT is the latest generation of Walter milling tools. As the "Xtended" Xtra·tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than ever before – all while compensating for the CO_2 emissions through Walter Green.

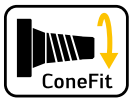
X·treme Evo

For Walter, the X·treme Evo DC260 & DC160 Advance solid carbide drills as well as the X·treme Evo Plus DC180 Supreme and X·treme Evo 3 DC183 Supreme are the embodiment of the "next generation of drilling", offering versatility for a wide range of materials and machine concepts – with outstanding tool life, productivity and process reliability.

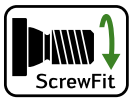
Technologies at Walter (continued)



Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



Walter ConeFit is an extremely flexible solid carbide milling system with a wide range of high-performance exchangeable heads and shaft variants. Its conical thread can self-centre, thereby guaranteeing maximum stability and concentricity.



Walter ScrewFit users benefit from maximum flexibility. Its modular interface is suitable for a wide variety of boring bars and adaptors and a wide range of tool diameters and lengths for milling and drilling.



The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure·tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools with high indexing accuracy.



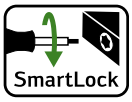
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly increased tool life, improved chip breaking and chip removal, greater efficiency and higher quality.



Walter DeVibe is an anti-vibration technology for thread milling cutters. At its core, it consists of a »calming chamfer« that reduces the clearance angle on the flank face. This supports the tool; vibrations are minimised. DeVibe enables higher surface qualities and cutting data, particularly for metric fine threads – regardless of clamping conditions, changing cutting data or the milling strategy.



"Flash" refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness "h" and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining process.



On Walter turning toolholders with "SmartLock", the clamping screw can be operated from the side of the tool. This makes it possible to index the inserts in the machine quickly and easily. Tool change times are reduced as a result. Ideal for use on CNC lathe and multi-spindle machines.

Tiger·tec® Gold



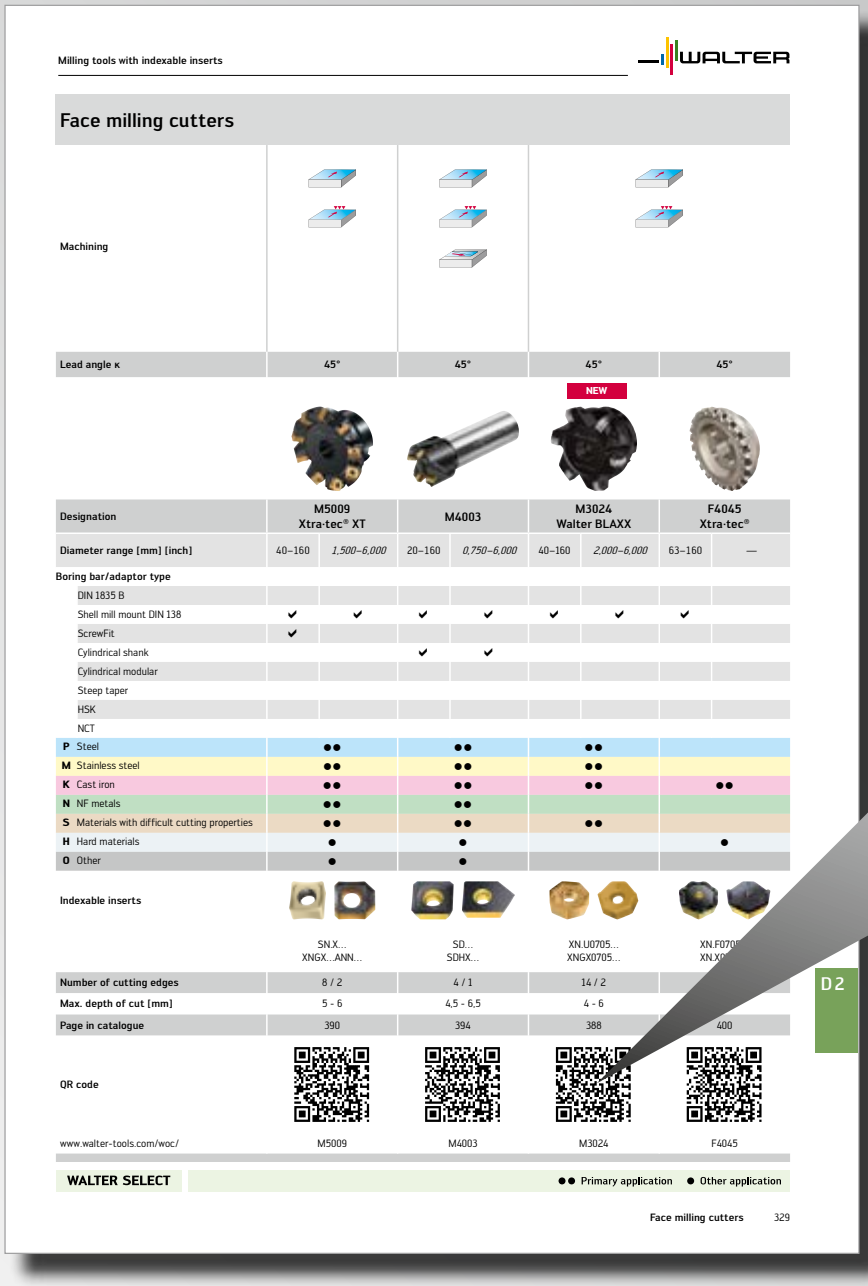


tigertec-gold.walter

WALTER
Engineering Kompetenz

The structure of the new Walter General Catalog

The new Walter General Catalog presents information about products and applications in a comprehensive and clear manner as an e-document – including direct links to the Walter online catalogue.



Milling tools with indexable inserts

WALTER

Face milling cutters

Machining								
Lead angle κ	45°		45°		45°		45°	
					NEW			
Designation	M5009 Xtra·tec® XT		M4003		M3024 Walter BLAXX		F4045 Xtra·tec®	
Diameter range [mm] [inch]	40–160	*1,500–6,000*	20–160	*0,750–6,000*	40–160	*2,000–6,000*	63–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts	SN.X... XNGX...ANN...		SD... SDHX...		XN.U0705... XNGX0705...		XN.F070... XN.X...	
Number of cutting edges	8 / 2		4 / 1		14 / 2			
Max. depth of cut [mm]	5 - 6		4,5 - 6,5		4 - 6			
Page in catalogue	390		394		388		400	
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT ●● Primary application ● Other application

Face milling cutters 329

D2

Product range overviews with applications, materials and QR codes at a glance

The product range overviews include icons indicating applications, images of the products, and the range of materials for which the products can be used; if relevant, they also include shank versions, clamping systems and other important information. This means that you can immediately see which product you need – and go directly to more detailed information about it by scanning the corresponding QR code or typing the link provided into your browser.

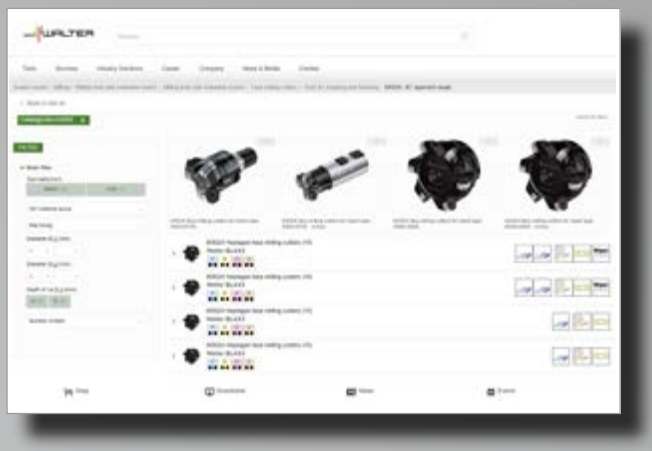
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

to go directly to the sub-page for the corresponding product in the Walter online catalog. The brief overview contains an image of the tool or product, icons representing applications and other information, and the main and secondary applications in the ISO materials sector.

M3024



Direct link

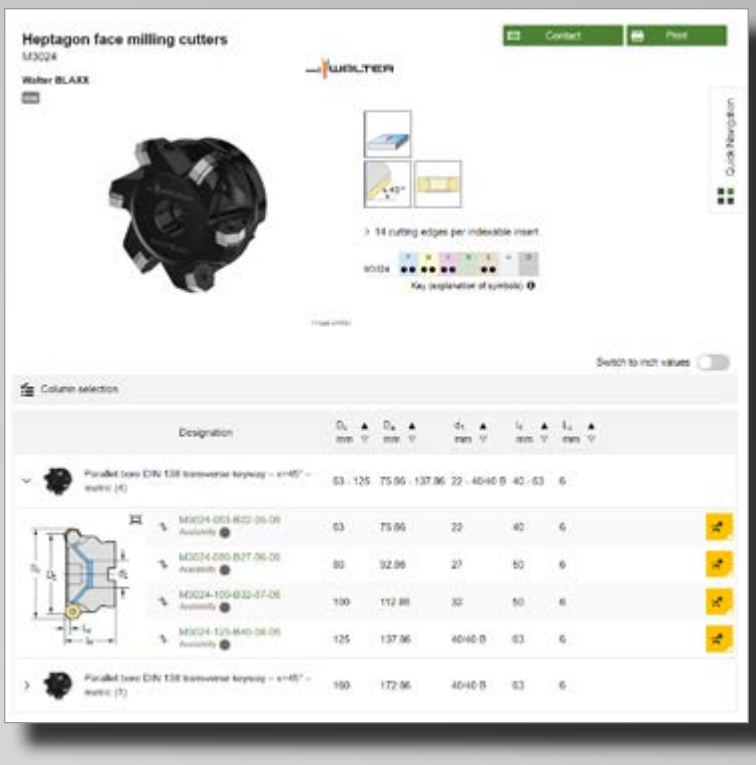
As well as scanning the QR code, you can also type the link directly into your browser:

*www.walter-tools.com/woc/**M3024.***

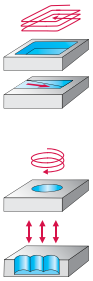
In the e-document, you can of course click on the link itself.

Detailed overview of product data

Depending on the product, the information available here or on the following product details page will include dimensions, corresponding indexable inserts, adaptors, and accessories, as well as direct links to additional information such as cutting data recommendations via Walter GPS or technical information like assembly instructions, limit speeds and much more.



High-feed milling cutters





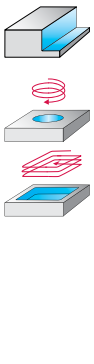
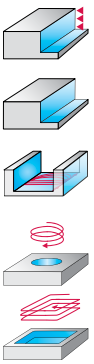
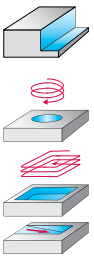
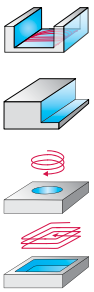
Designation	MC025 Advance	MD025 Supreme	MD025 Supreme	MC089 Advance
Diameter range	1–16	6–16	6–16	4–16
Number of teeth	2–4	5–6	5–6	4
Corner radius	0.1–2	0.5–2	0.5–2	0.5–2
Diameter range	0.125–0.625	0.250–0.625	0.250–0.625	—
Number of teeth	4	5–6	5–6	
Corner radius	0.020–0.080	0.020–0.080	0.020–0.080	
Standard	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30TF	**WJ30TF**	**WJ30RD**	**WJ30RA**
Shank	DIN 6535 HA	**DIN 6535 HA**	**DIN 6535 HA**	**DIN 6535 HA**
P Steel	●●	●●		
M Stainless steel	●		●●	
K Cast iron	●	●		
N NF metals			●	
S Materials with difficult cutting properties	●		●●	
H Hard materials				●●
O Other				
Page in catalog				
QR code				
www.walter-tools.com/woc/	MC025	MD025	MD025	MC089

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters







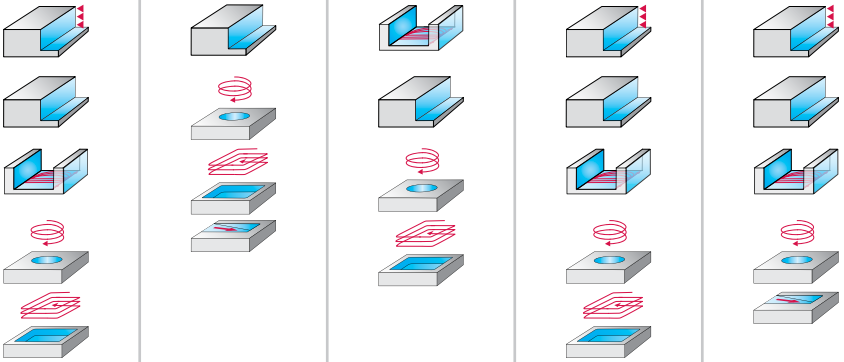
Designation	MC129 Advance	MC128 Advance	MC112 Advance	MC111 Advance	MD133 Supreme
Diameter range	6–20	2–25	4–16	—	6–20
Number of teeth	6	4–8	4		5–6
Corner radius		0.5–4	0.5–2		0.3–1
Diameter range	—	0.250–0.750	—	0.094–0.750	0.250–0.750
Number of teeth		6–8		4	5–6
Corner radius		0.015–0.250			0.015–0.030
Standard	DIN 6527 L	DIN 6527 L STANDARD	PWZ-NORM XL PWZ-NORM L	STANDARD	PWZ-NORM L PWZ-NORM XL
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30RD
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	
K Cast iron	●	●	●	●	●
N NF metals				●	
S Materials with difficult cutting properties	●	●	●	●	
H Hard materials					
O Other					
Page in catalog	D 67	D 39	D 69	D 68	D 31
QR code					
www.walter-tools.com/woc/	MC129	MC128	MC112	MC111	MD133

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



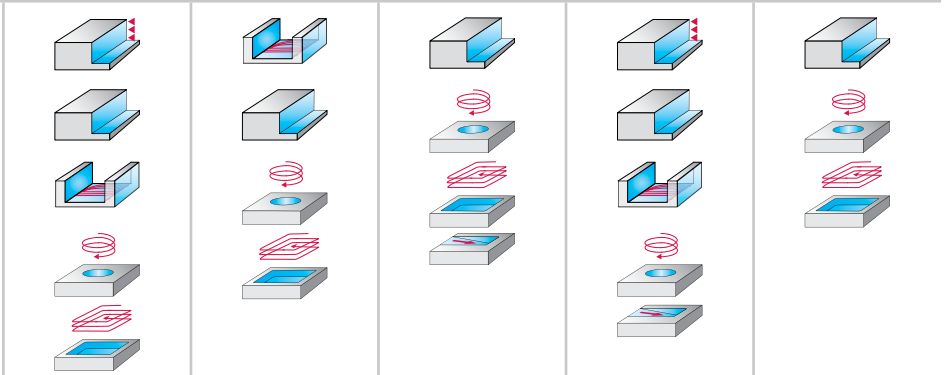
NEW



Designation	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme	MC166 Advance
Diameter range	6–25	0.4–3	6–20	6–25	2–20
Number of teeth	6–8	2	5–6	6–8	2–3
Corner radius	0.5–4	0.05–0.3	0.3–1	0.5–4	1–5
Diameter range	—	—	0.250–0.750	—	—
Number of teeth			5–6		
Corner radius			0.015–0.030		
Standard	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	P-NORM L PWZ-NORM L P-NORM XL PWZ-NORM XL
Coating / grade	WJ30RD	TAX	WJ30RA	WJ30RA	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●			
M Stainless steel			●●	●●	
K Cast iron	●				
N NF metals		●	●		●●
S Materials with difficult cutting properties			●	●●	
H Hard materials					
O Other					
Page in catalog	D 37	D 71	D 31	D 37	D 43
QR code					
www.walter-tools.com/woc/	MD128	protostar	MD133	MD128	MC166

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters

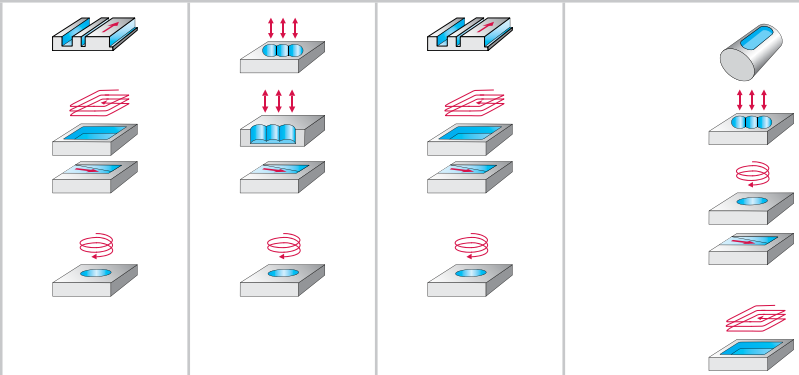




Designation	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance	MC183 Advance
Diameter range	6–25	6–20	16–25	3–25	6–16
Number of teeth	7	7	4–5	4–8	6–16
Corner radius	0.3–1.25	0.3–1	3–4	0.5–3	
Diameter range	0.187–1.000	0.250–1.000	—	0.125–0.750	—
Number of teeth	7	7		4–8	
Corner radius	0.015–0.120	0.015–0.120		0.015–0.060	
Standard	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD PWZ-NORM S	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD	PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30EN	WJ30EN	ACN	WB10TG	WB10TG
Shank	DIN 6535 HA	DIN 6535 HB Cylindrical shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB
P Steel	●	●			
M Stainless steel	●	●			
K Cast iron					
N NF metals					
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials				●●	●●
O Other					
Page in catalog	D 48	D 55	D 61	D 62	D 66
QR code					
www.walter-tools.com/woc/	MD177	MD173	protostar-ti	MC187	MC183

WALTER SELECT ●● Primary application ● Other application

Shoulder/slot milling cutters

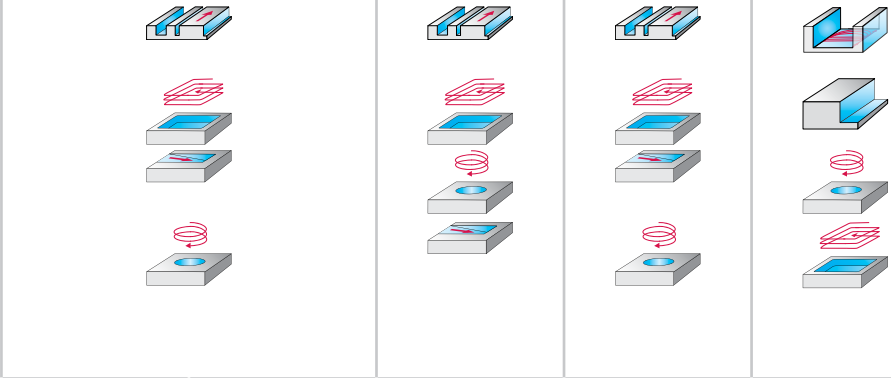




Designation	ME232 Perform	MD344 Supreme	MD340 Supreme	MC726 Supreme	MC716 Advance
Diameter range	2–20	6–20	2–25	2.8–16	1.8–20
Number of teeth	2–6	4	3–5	3–4	2–3
Corner radius	0.2–3	0.3–1	0.2–4	0.08–0.25	
Diameter range	0.125–0.750	—	0.063–0.750	—	—
Number of teeth	2–4		3–5		
Corner radius	0.015–0.125		0.015–0.060		
Standard	P-NORM L DIN 6527 L STANDARD P-NORM S	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	DIN 6527 K	DIN 6527 K
Coating / grade	WJ30ED	WK40TP	WK40TP	WK40TF	WJ30TF
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●				
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D 168	D 73	D 74	D 138	D 162
QR code					
www.walter-tools.com/woc/	ME232	MD344	MD340	MC726	MC716

WALTER SELECT ●● Primary application ● Other application

Shoulder/slot milling cutters





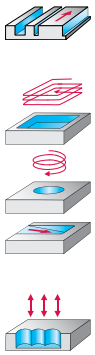
Designation	MC326 Supreme	MC321 Advance	MC320 Advance	MC319 Advance	MC233 Advance Xill·tec®
Diameter range	2–25	—	4–25	5–25	8–25
Number of teeth	3–5		3–8	4	4–8
Corner radius	0.2–4		0.2–0.4	0.2–0.4	
Diameter range	0.125–0.750	0.125–0.500	0.250–0.750	—	—
Number of teeth	3–4	4	4		
Corner radius	0.015–0.160		0.008–0.016		
Standard	STUB STANDARD PWZ-NORM L DIN 6527 L LONG	STUB	DIN 6527 K DIN 6527 L STANDARD	DIN 6527 L	P-NORM L P-NORM XL
Coating / grade	WK40TF	WJ30TF	WK40TF	WK40TF	WK40TF
Shank	DIN 6535 HA DIN 6535 HB	Cylindrical shank	DIN 6535 HB	DIN 6535 HB	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D 120	D 158	D 165	D 164	D 156
QR code					
www.walter-tools.com/woc/	MC326	MC321	MC320	MC319	MC233

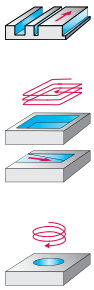
WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters













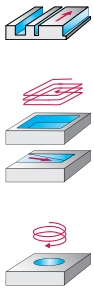


Designation	MC230 Advance Xill·tec®	MC213 Advance	MC341 Supreme	MC251 Advance	Proto·max™ Inox
Diameter range	1–25	0.6–14.5	6–20	3–20	6–20
Number of teeth	2–8	2–4	4	4	4
Corner radius	0.2–4	0.06–1.5		0.2–6	0.5–4
Diameter range	—	—	—	—	0.250–0.750
Number of teeth					4
Corner radius					
Standard	DIN 6527 L P-NORM S P-NORM L DIN 6527 K P-NORM XL	PWZ-NORM XL PWZ-NORM L	PWZ-NORM	DIN 6527 L	DIN 6527 L DIN 6527
Coating / grade	WK40TF	WJ30TF	WK40TZ	WK40RC	TAA
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●		
M Stainless steel	●	●	●	●●	●●
K Cast iron	●	●			
N NF metals	●				
S Materials with difficult cutting properties	●	●		●	●
H Hard materials					
O Other					
Page in catalog	D 139	D 159	D 72	D 89	D 86
QR code					
www.walter-tools.com/woc/	MC230	MC213	MC341	MC251	protomax-inox

D1

WALTER SELECT ●● Primary application ● Other application

Shoulder/slot milling cutters

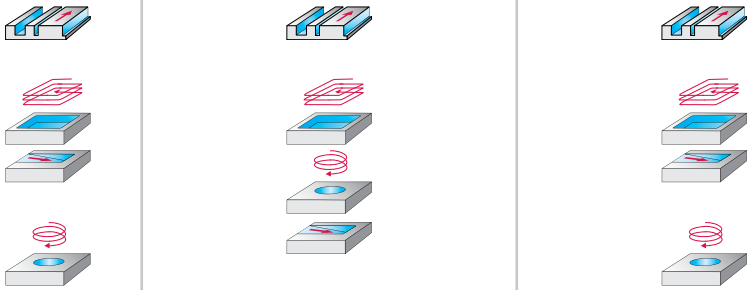


			NEW	NEW	
					
Designation	**MD266 Supreme**	**MD265 Supreme**	**MD265 Supreme**	**MC267 Advance**	**MC267 Advance**
Diameter range	2–25	16–25	16–25	1–20	1–20
Number of teeth	2–3	3	3	2–3	3
Corner radius	0.2–4	2–4	2–4	0.2–4	0.2–0.5
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L	DIN 6527 L
Coating / grade	WJ30UU	WJ30UU	WJ30DD	WJ30UU	WJ30CA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron					
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalog	D 91	D 100	D 100	D 95	D 95
QR code					
www.walter-tools.com/woc/	MD266	MD265	MD265	MC267	MC267

WALTER SELECT ●● Primary application ● Other application

D1

Shoulder/slot milling cutters

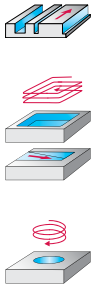




Designation	Protostar®	MD377 Supreme	MC377 Advance	MC388 Advance	MC281 Advance
Diameter range	2–20	6–25	2–25	2–12	1–4
Number of teeth	1–2	5	3–4	3–4	2
Corner radius		0.5–6.35	0.2–4	0.5–3	0.2–0.5
Diameter range	—	—	—	0.125–0.500	—
Number of teeth				3–4	
Corner radius				0.015–0.030	
Standard	PWZ-NORM L DIN 6527 L	DIN 6527 L	DIN 6527 L	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI
Coating / grade	uncoated	WK40TZ	WK40EA	WB10TG	WB10TG
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel			●	●	
M Stainless steel		●	●		
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties		●●	●●		
H Hard materials				●●	●●
O Other					
Page in catalog	D 102	D 106	D 107	D 109	D 115
QR code					
www.walter-tools.com/woc/	protostar	MD377	MC377	MC388	MC281

WALTER SELECT ●● Primary application ● Other application

Shoulder/slot milling cutters





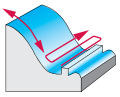


Designation	Protostar® Ultra	Protostar®
Diameter range	1–16	0.6–12
Number of teeth	2–4	2–4
Corner radius	0.1–2	0.05–1
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM L PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Coating / grade	TAX	DIA
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties		
H Hard materials	●●	
O Other		●●
Page in catalog	D 114	D 117
QR code		
www.walter-tools.com/woc/	protostar-ultra	protostar

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters



NEW





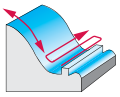


Designation	ME432 Perform	MC416 Advance	MC413 Advance	Protostar®	MC467 Advance
Diameter range	1–20	1–20	1–16	0.3–3	2–16
Number of teeth	2–4	2–4	2–4	2	2
Corner radius	0.5–10	0.5–10	0.5–8	0.15–1.5	1–8
Diameter range	0.063–0.625	0.063–0.500	—	—	—
Number of teeth	4	4			
Corner radius	0.031–0.313	0.031–0.250			
Standard	DIN 6527 L STANDARD	PWZ-NORM L STANDARD DIN 6527 L	PWZ-NORM L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L
Coating / grade	WJ30ED	WJ30TF	WJ30TF	TAX	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●	●		
K Cast iron	●	●	●		
N NF metals	●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●		
H Hard materials					
O Other					
Page in catalog	D 203	D 197	D 200	D 185	D 206
QR code					
www.walter-tools.com/woc/	ME432	MC416	MC413	protostar	MC467

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters





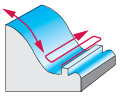




Designation	Protostar®	MC482 Advance	MC480 Advance	Proto·max™Ultra	Protostar® Ultra
Diameter range	2–16	1–16	0.4–5	1–10	1–10
Number of teeth	2	2–4	2	2	2
Corner radius	1–8	0.5–8	0.2–2.5	0.5–5	0.5–5
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 K DIN 6527 L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	DIN 6527 L PWZ-NORM L
Coating / grade	uncoated	WB10TG	WB10TG	TAS	TAX
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties					
H Hard materials		●●	●●	●●	●●
O Other					
Page in catalog	D 184	D 186	D 191	D 194	D 192
QR code					
www.walter-tools.com/woc/	protostar	MC482	MC480	protomax-ultra	protostar-ultra

WALTER SELECT ●● Primary application ● Other application

Copy milling cutters



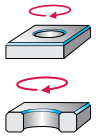


Designation	Protostar®
Diameter range	0.3–3
Number of teeth	2
Corner radius	0.15–1.5
Diameter range	—
Number of teeth	
Corner radius	
Standard	PWZ-NORM MINI
Coating / grade	DIA
Shank	DIN 6535 HA
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	
O Other	●●
Page in catalog	D 196
QR code	
www.walter-tools.com/woc/	protostar

D1

WALTER SELECT ●● Primary application ● Other application

Profiling cutters





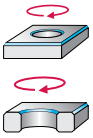
Designation	MC504 Advance	MC503 Advance	MC502 Advance	MC501 Advance	MC500 Advance
Diameter range	6–12	6–20	10	6–12	6–10
Number of teeth	4–6	3–4	4	4–6	4
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 L	PWZ-NORM L	PWZ-NORM L	PWZ-NORM L
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30TF
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D 211	D 210	D 209	D 208	D 207
QR code					
www.walter-tools.com/woc/	MC504	MC503	MC502	MC501	MC500

WALTER SELECT

●● Primary application ● Other application

D1

Profiling cutters





Designation	**Protostar®**	
Diameter range	—	
Number of teeth		
Corner radius		
Diameter range	0.250–0.500	
Number of teeth	4–6	
Corner radius		
Standard	STANDARD	
Coating / grade	TAX	
Shank	Cylindrical shank	
P Steel	●●	
M Stainless steel	●	
K Cast iron	●	
N NF metals	●	
S Materials with difficult cutting properties	●	
H Hard materials		
O Other		
Page in catalog	D 212	
QR code		
www.walter-tools.com/woc/	protostar	

D1

WALTER SELECT ●● Primary application ● Other application

Circle segment milling cutters











Designation	MD839 Supreme	MD838 Supreme	MD839 Supreme	MD838 Supreme
Diameter range	6–16	6–16	6–16	6–16
Number of teeth	4	4–8	4	4–8
Corner radius	1–4	0.5–4	1–4	0.5–4
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RD	WJ30RA	WJ30RA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel			●●	●●
K Cast iron	●	●		
N NF metals			●	●
S Materials with difficult cutting properties			●●	●●
H Hard materials				
O Other				
Page in catalog	D 214	D 213	D 214	D 213
QR code				
www.walter-tools.com/woc/	MD839	MD838	MD839	MD838

WALTER SELECT

●● Primary application ● Other application

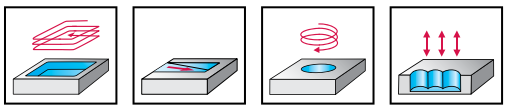
D1

Solid carbide high-feed milling cutter

MD025 Supreme mm

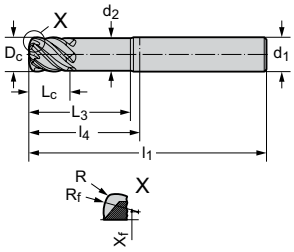


– reduced neck



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HA

Designation	D_c h9 mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD025-06.0A5B050C-	6	6	1.4	3	0.755	0.5	19	57	21	6	5	☺	😐
MD025-08.0A5B100C-	8	8	1.54	4	1.379	1	25	63	27	8	5	☺	😐
MD025-10.0A5B150C-	10	10	1.7	5	1.998	1.5	30	72	32	10	5	☺	😐
MD025-12.0A6B150C-	12	12	2.25	6	2.103	1.5	36	83	38	12	6	☺	😐
MD025-16.0A6B200C-	16	16	3.1	8	2.747	2	42	92	44	16	6	☺	😐

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025-06.0A5B050C-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

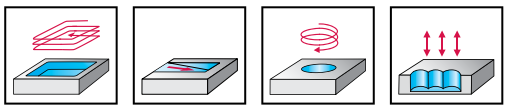
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide high-feed milling cutter

MD025 Supreme inch

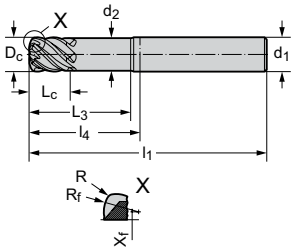


– Reduced Neck



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



Cylindrical shank

Designation	D_c h9 inch	L_c inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_3 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30RA	WJ30RD
MD025,6.35A5D051C-	0.2500	0.250	0.051	0.146	0.032	0.020	1.000	2.500	1.083	0.250	5	☺	☺
MD025,7.94A5D102C-	0.3125	0.313	0.059	0.165	0.054	0.040	1.250	3.000	1.437	0.375	5	☺	☺
MD025,9.53A5D152C-	0.3750	0.375	0.067	0.181	0.076	0.060	1.250	3.000	1.437	0.375	5	☺	☺
MD025,12.7A6D152C-	0.5000	0.500	0.098	0.236	0.086	0.060	1.500	3.500	1.717	0.500	6	☺	☺
MD025,15.9A6D203C-	0.6250	0.625	0.118	0.315	0.110	0.080	1.500	3.500	1.594	0.625	6	☺	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025,12.7A6D152C-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

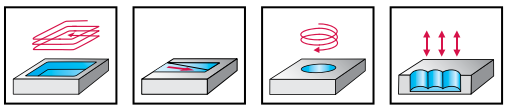
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

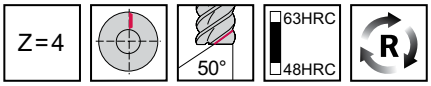
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide high-feed milling cutter

MC089 Advance mm

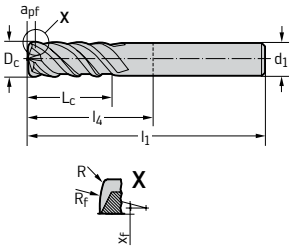






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h9 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC089-04.0A4B050-	4	0.12	0.6	4	0.618	0.5	11	57	21	6	4	☺
MC089-05.0A4B050-	5	0.15	0.7	6	0.656	0.5	13	57	21	6	4	☺
MC089-06.0A4B050-	6	0.2	0.7	9	0.693	0.5	15	57	21	6	4	☺
MC089-08.0A4B100-	8	0.25	0.78	12	1.226	1	20	63	27	8	4	☺
MC089-10.0A4B150-	10	0.3	0.8	15	1.773	1.5	26	72	32	10	4	☺
MC089-12.0A4B150-	12	0.4	1	18	1.875	1.5	30	83	38	12	4	☺
MC089-16.0A4B200-	16	0.5	1.5	24	2.465	2	36	92	44	16	4	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WB10TG: MC089-04.0A4B050-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

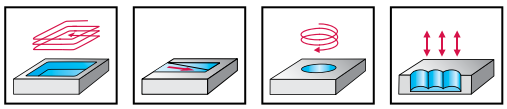
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

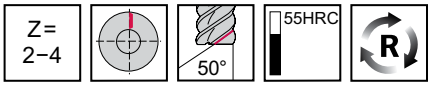
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide high-feed milling cutter

MC025 Advance mm

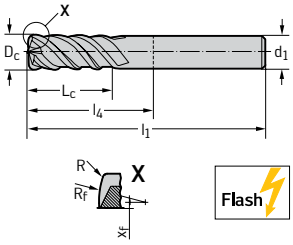






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC025-01.0A2B010-	1	0.2	0.6	0.142	0.1	3	57	21	6	2	☺
MC025-02.0A2B020-	2	0.4	1.2	0.283	0.2	6	57	21	6	2	☺
MC025-03.0A2B030-	3	0.6	1.8	0.425	0.3	7	57	21	6	2	☺
MC025-04.0A4B050-	4	0.8	2	0.673	0.5	11	57	21	6	4	☺
MC025-05.0A4B050-	5	1.1	2.5	0.714	0.5	13	57	21	6	4	☺
MC025-06.0A4B050-	6	1.4	3	0.755	0.5	15	57	21	6	4	☺
MC025-08.0A4B100-	8	1.54	4	1.379	1	20	63	27	8	4	☺
MC025-10.0A4B150-	10	1.7	5	1.998	1.5	26	72	32	10	4	☺
MC025-12.0A4B150-	12	2.25	6	2.103	1.5	30	83	38	12	4	☺
MC025-16.0A4B200-	16	3.1	8	2.747	2	36	92	44	16	4	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025-01.0A2B010-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

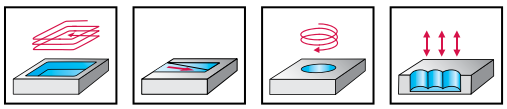
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

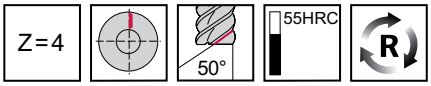
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide high-feed milling cutter

MC025 Advance inch

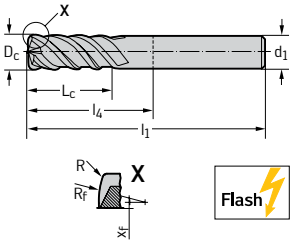






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9 inch	x_F inch	R_F inch	R_{ers} inch	R inch	l_3 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30TF
MC025,3.18A4D051-	0.1250	0.030	0.046	0.023	0.020	0.500	2.500	1.083	0.250	4	☺
MC025,4.76A4D051-	0.1875	0.039	0.098	0.028	0.020	0.625	2.500	1.083	0.250	4	☺
MC025,6.35A4D051-	0.2500	0.051	0.146	0.032	0.020	0.750	2.500	1.083	0.250	4	☺
MC025,7.94A4D102-	0.3125	0.059	0.165	0.054	0.040	0.813	3.000	1.437	0.375	4	☺
MC025,9.53A4D152-	0.3750	0.070	0.181	0.075	0.060	0.875	3.000	1.437	0.375	4	☺
MC025,12.7A4D152-	0.5000	0.098	0.236	0.086	0.060	1.000	3.500	1.717	0.500	4	☺
MC025,15.9A4D203-	0.6250	0.118	0.315	0.110	0.080	1.250	3.500	1.594	0.625	4	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025,12.7A4D152-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

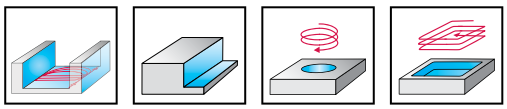
New addition to the product range = ☺ 😐 ☹ / ★

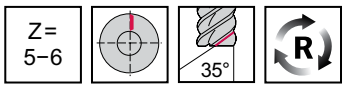
Solid carbide shoulder milling cutters

MD133 Supreme mm



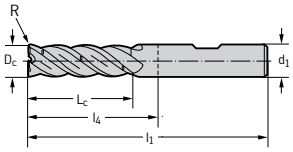
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5L030J-	6	0.3	19	65	29	6	5	☺	😐
MD133-08.0W5L040J-	8	0.4	25	68	32	8	5	☺	😐
MD133-10.0W5L050J-	10	0.5	32	80	40	10	5	☺	😐
MD133-12.0W5L060J-	12	0.6	38	93	48	12	5	☺	😐
MD133-16.0W6L080J-	16	0.8	50	115	62	16	6	☺	😐
MD133-20.0W6L100J-	20	1	63	125	75	20	6	☺	😐

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030J-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

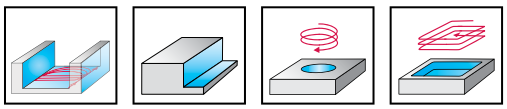
☺ 😐 ☹ / ★ = New addition to the product range

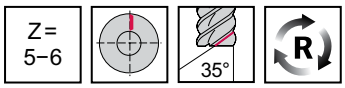
Solid carbide shoulder milling cutters

MD133 Supreme mm



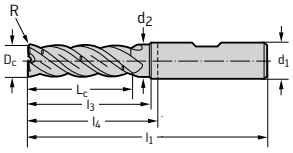
– Reduced neck
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5L030D-	6	0.3	19	27	5.5	65	29	6	5	☺	😐
MD133-08.0W5L040D-	8	0.4	25	30	7.5	68	32	8	5	☺	😐
MD133-10.0W5L050D-	10	0.5	32	38	9.5	80	40	10	5	☺	😐
MD133-12.0W5L060D-	12	0.6	38	46	11.4	93	48	12	5	☺	😐
MD133-16.0W6L080D-	16	0.8	50	60	15.2	115	62	16	6	☺	😐
MD133-20.0W6L100D-	20	1	63	73	19	125	75	20	6	☺	😐

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030D-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

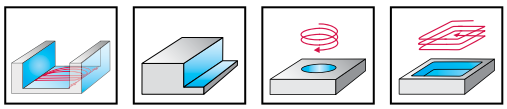
New addition to the product range = ☺ 😐 ☹ / ★

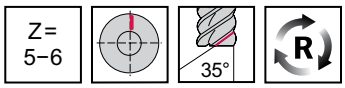
Solid carbide shoulder milling cutters

MD133 Supreme inch



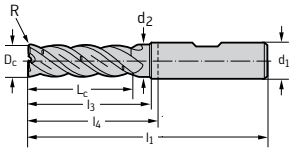
– Reduced neck
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HB

Designation	D_c h10	D_c h10 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30RA	WJ30RD
MD133,6.35W5L038D-	1/4"	0.2500	0.015	0.875	1.000	0.237	3.000	1.437	0.375	5	☺	😐
MD133,9.53W5L038D-	3/8"	0.3750	0.015	1.250	1.500	0.356	3.250	1.687	0.375	5	☺	😐
MD133,12.7W5L076D-	1/2"	0.5000	0.030	1.750	2.125	0.475	4.000	2.217	0.500	5	☺	😐
MD133,15.9W6L076D-	5/8"	0.6250	0.030	2.000	2.500	0.594	4.500	2.594	0.625	6	☺	😐
MD133,19.1W6L076D-	3/4"	0.7500	0.030	2.500	3.000	0.713	5.500	3.468	0.750	6	☺	😐

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133,12.7W5L076D-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

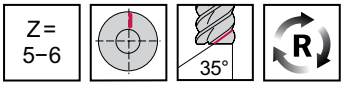
☺ 😐 ☹ / ★ = New addition to the product range

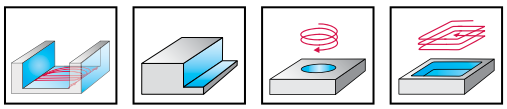
Solid carbide shoulder milling cutters

MD133 Supreme mm



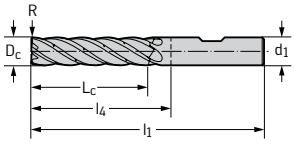
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5L030K-	6	0.3	25	65	29	6	5	☺	😐
MD133-08.0W5L040K-	8	0.4	34	80	44	8	5	☺	😐
MD133-10.0W5L050K-	10	0.5	42	90	50	10	5	☺	😐
MD133-12.0W5L060K-	12	0.6	50	100	55	12	5	☺	😐
MD133-16.0W6L080K-	16	0.8	66	125	77	16	6	☺	😐
MD133-20.0W6L100K-	20	1	83	145	95	20	6	☺	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.025 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030K-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

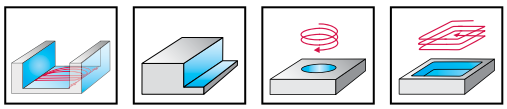
New addition to the product range = ☺ 😐 ☹ / ★

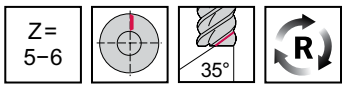
Solid carbide shoulder milling cutters

MD133 Supreme mm



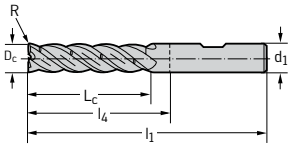
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5X030L-	6	0.3	31	80	40	6	5	☺	😐
MD133-08.0W5X040L-	8	0.4	41	87	51	8	5	☺	😐
MD133-10.0W5X050L-	10	0.5	52	100	60	10	5	☺	😐
MD133-12.0W5X060L-	12	0.6	62	116	71	12	5	☺	😐
MD133-16.0W6X080L-	16	0.8	82	141	93	16	6	☺	😐
MD133-20.0W6X100L-	20	1	103	165	115	20	6	☺	😐

Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.015 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5X030L-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

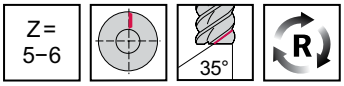
☺ 😐 ☹ / ★ = New addition to the product range

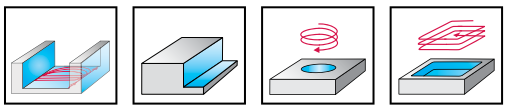
Solid carbide shoulder milling cutters

MD133 Supreme inch



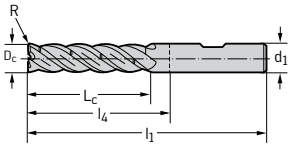
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HB

Designation	D_c h10	D_c h10 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30RA	WJ30RD
MD133,6.35W5X038L-	1/4"	0.2500	0.015	1.375	3.500	1.937	0.375	5	☺	😐
MD133,9.53W5X038L-	3/8"	0.3750	0.015	2.000	4.000	2.437	0.375	5	☺	😐
MD133,12.7W5X076L-	1/2"	0.5000	0.030	2.750	5.000	3.217	0.500	5	☺	😐
MD133,15.9W6X076L-	5/8"	0.6250	0.030	3.250	5.500	3.594	0.625	6	☺	😐
MD133,19.1W6X076L-	3/4"	0.7500	0.030	3.875	6.500	4.468	0.750	6	☺	😐

Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.015 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133,12.7W5X076L-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

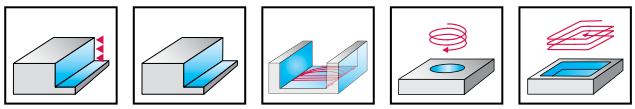
New addition to the product range = ☺ 😐 ☹ / ★

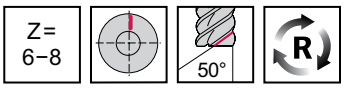
Solid carbide shoulder milling cutters

MD128 Supreme mm



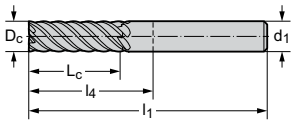
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD128-06.0A6LJ-	6	0.1	18	65	29	6	6	☺	😐
MD128-08.0A6LJ-	8	0.1	24	68	32	8	6	☺	😐
MD128-10.0A6LJ-	10	0.1	30	80	40	10	6	☺	😐
MD128-12.0A6LJ-	12	0.1	36	93	48	12	6	☺	😐
MD128-16.0A6LJ-	16	0.15	48	115	67	16	6	☺	😐
MD128-20.0A8LJ-	20	0.15	60	125	75	20	8	☺	😐
MD128-25.0A8LJ-	25	0.15	75	150	94	25	8	☺	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-06.0A6LJ-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

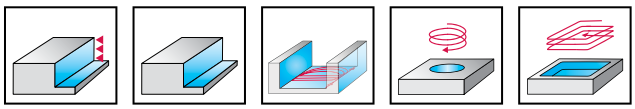
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD128 Supreme mm

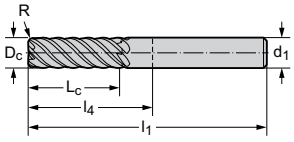


– Corner radius



	P	M	K	N	S	H	O
WJ30RA (TiALN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD128-06.0A6L050J-	6	0.5	18	65	29	6	6	☺	😐
MD128-08.0A6L050J-	8	0.5	24	68	32	8	6	☺	😐
MD128-10.0A6L050J-	10	0.5	30	80	40	10	6	☺	😐
MD128-10.0A6L100J-	10	1	30	80	40	10	6	☺	😐
MD128-12.0A6L050J-	12	0.5	36	93	48	12	6	☺	😐
MD128-12.0A6L100J-	12	1	36	93	48	12	6	☺	😐
MD128-12.0A6L200J-	12	2	36	93	48	12	6	☺	😐
MD128-16.0A6L050J-	16	0.5	48	115	67	16	6	☺	😐
MD128-16.0A6L100J-	16	1	48	115	67	16	6	☺	😐
MD128-16.0A6L200J-	16	2	48	115	67	16	6	☺	😐
MD128-20.0A8L100J-	20	1	60	125	75	20	8	☺	😐
MD128-20.0A8L400J-	20	4	60	125	75	20	8	☺	😐
MD128-25.0A8L100J-	25	1	75	150	94	25	8	☺	😐
MD128-25.0A8L400J-	25	4	75	150	94	25	8	☺	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-06.0A6L050J-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

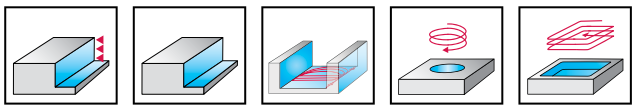
New addition to the product range = ☺ 😐 ☹ / ★

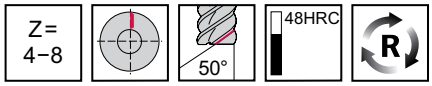
Solid carbide shoulder milling cutters

MC128 Advance mm



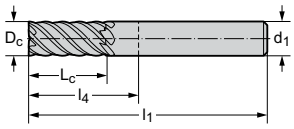
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC128-02.0A4B-	2	0.1	7	57	21	6	4	☺
MC128-03.0A4B-	3	0.1	8	57	21	6	4	☺
MC128-04.0A4B-	4	0.1	11	57	21	6	4	☺
MC128-05.0A5B-	5	0.1	13	57	21	6	5	☺
MC128-06.0A6B-	6	0.1	13	57	21	6	6	☺
MC128-08.0A6B-	8	0.1	19	63	27	8	6	☺
MC128-10.0A6B-	10	0.1	22	72	32	10	6	☺
MC128-12.0A6B-	12	0.1	26	83	38	12	6	☺
MC128-16.0A6B-	16	0.15	32	92	44	16	6	☺
MC128-20.0A8B-	20	0.15	38	104	54	20	8	☺
MC128-25.0A8B-	25	0.15	45	121	65	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-02.0A4B-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

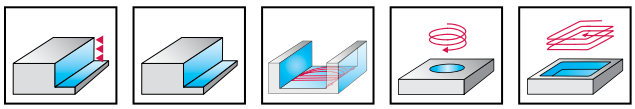
☺ 😐 ☹ / ★ = New addition to the product range

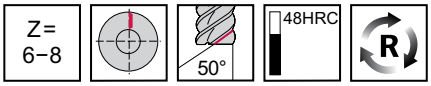
Solid carbide shoulder milling cutters

MC128 Advance mm



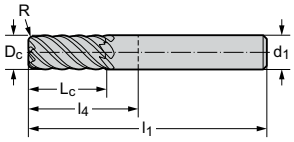
– Corner radius





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC128-06.0A6B050-	6	0.5	13	57	21	6	6	☺
MC128-08.0A6B050-	8	0.5	19	63	27	8	6	☺
MC128-08.0A6B100-	8	1	19	63	27	8	6	☺
MC128-10.0A6B050-	10	0.5	22	72	32	10	6	☺
MC128-10.0A6B100-	10	1	22	72	32	10	6	☺
MC128-10.0A6B200-	10	2	22	72	32	10	6	☺
MC128-12.0A6B050-	12	0.5	26	83	38	12	6	☺
MC128-12.0A6B100-	12	1	26	83	38	12	6	☺
MC128-12.0A6B200-	12	2	26	83	38	12	6	☺
MC128-12.0A6B300-	12	3	26	83	38	12	6	☺
MC128-16.0A6B050-	16	0.5	32	92	44	16	6	☺
MC128-16.0A6B100-	16	1	32	92	44	16	6	☺
MC128-16.0A6B200-	16	2	32	92	44	16	6	☺
MC128-16.0A6B300-	16	3	32	92	44	16	6	☺
MC128-20.0A8B100-	20	1	38	104	54	20	8	☺
MC128-20.0A8B200-	20	2	38	104	54	20	8	☺
MC128-20.0A8B300-	20	3	38	104	54	20	8	☺
MC128-20.0A8B400-	20	4	38	104	54	20	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-06.0A6B050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

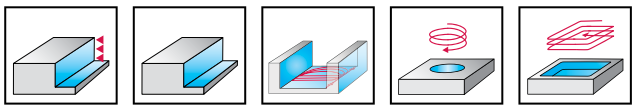
New addition to the product range = ☺ 😐 ☹ / ★

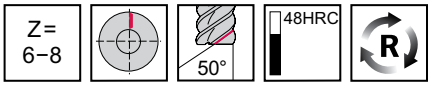
Solid carbide shoulder milling cutters

MC128 Advance inch



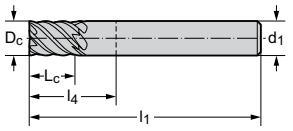
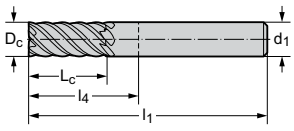
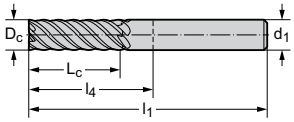

– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool

	Designation	D_c h10 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
 Cylindrical shank	MC128,6.35A6C-	0.2500	0.004	0.500	2.500	1.083	0.250	6	
	MC128,9.53A6C-	0.3750	0.004	0.500	2.500	0.937	0.375	6	
 Cylindrical shank	MC128,9.53A6D-	0.3750	0.004	1.000	3.000	1.437	0.375	6	
	MC128,12.7A6D-	0.5000	0.006	1.250	3.500	1.717	0.500	6	
	MC128,12.7A6DI-	0.5000	0.006	1.000	3.500	1.717	0.500	6	
	MC128,15.9A6D-	0.6250	0.006	1.625	4.000	2.094	0.625	6	
	MC128,15.9A6DI-	0.6250	0.006	1.250	4.000	2.094	0.625	6	
	MC128,19.1A8D-	0.7500	0.006	1.625	4.500	2.468	0.750	8	
 Cylindrical shank	MC128,6.35A6L-	0.2500	0.004	1.000	3.000	1.583	0.250	6	
	MC128,19.1A8L-	0.7500	0.006	2.250	5.000	2.968	0.750	8	

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128,6.35A6C-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

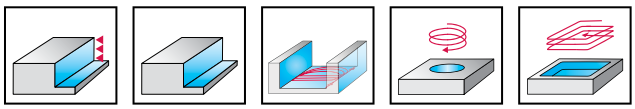
☺ 😐 ☹ / ★ = New addition to the product range

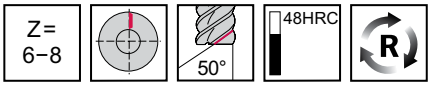
Solid carbide shoulder milling cutters

MC128 Advance inch



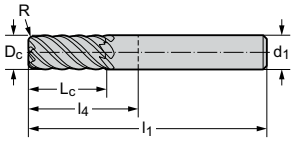
– Corner radius





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30TF
MC128,6.35A6D038-	0.2500	0.015	0.625	2.500	1.083	0.250	6	☺
MC128,6.35A6D076-	0.2500	0.030	0.625	2.500	1.083	0.250	6	☺
MC128,9.53A6D038-	0.3750	0.015	1.000	3.000	1.437	0.375	6	☺
MC128,9.53A6D076-	0.3750	0.030	1.000	3.000	1.437	0.375	6	☺
MC128,12.7A6D076-	0.5000	0.030	1.250	3.500	1.717	0.500	6	☺
MC128,12.7A6D152-	0.5000	0.060	1.250	3.500	1.717	0.500	6	☺
MC128,12.7A6D228-	0.5000	0.090	1.250	3.500	1.717	0.500	6	☺
MC128,12.7A6D318-	0.5000	0.125	1.250	3.500	1.717	0.500	6	☺
MC128,15.9A6D076-	0.6250	0.030	1.625	4.000	2.094	0.625	6	☺
MC128,15.9A6D152-	0.6250	0.060	1.625	4.000	2.094	0.625	6	☺
MC128,19.1A8D076-	0.7500	0.030	1.750	4.500	2.468	0.750	8	☺
MC128,19.1A8D318-	0.7500	0.125	1.750	4.500	2.468	0.750	8	☺
MC128,19.1A8D635-	0.7500	0.250	1.750	4.500	2.468	0.750	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128,12.7A6D076-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

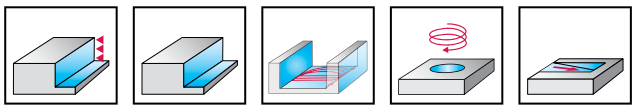
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

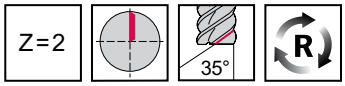
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MC166 Advance mm

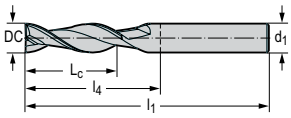






	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30UU
★ MC166-02.0A2L-	2	8	38	10	3	2	☺
★ MC166-03.0A2L-	3	12	38	10	3	2	☺
★ MC166-04.0A2L-	4	14	50	22	4	2	☺
★ MC166-05.0A2L-	5	16	57	21	6	2	☺
★ MC166-06.0A2L-	6	22	65	29	6	2	☺
★ MC166-08.0A2L-	8	28	80	44	8	2	☺
★ MC166-10.0A2L-	10	32	90	50	10	2	☺
★ MC166-12.0A2L-	12	38	100	55	12	2	☺
★ MC166-16.0A2L-	16	50	115	67	16	2	☺
★ MC166-20.0A2L-	20	50	125	75	20	2	☺

Ordering example for the grade WJ30UU: MC166-02.0A2L-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

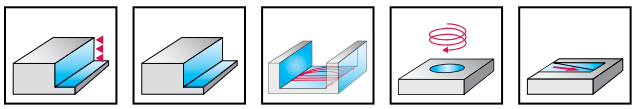
☺ 😐 ☹ / ★ = New addition to the product range

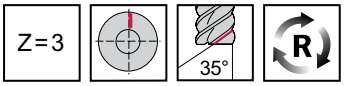
Solid carbide shoulder milling cutters

MC166 Advance mm



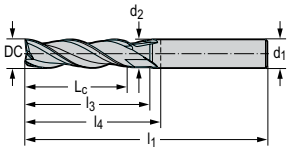
– Reduced neck





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30UU
★ MC166-03.0A3LD-	3	15	15		65	29	6	3	☺
★ MC166-04.0A3LD-	4	20	20		65	29	6	3	☺
★ MC166-05.0A3LD-	5	25	25		65	29	6	3	☺
★ MC166-06.0A3LD-	6	21	27	5.5	65	29	6	3	☺
★ MC166-08.0A3LD-	8	28	40	7.5	80	44	8	3	☺
★ MC166-10.0A3LD-	10	35	43	9.5	85	45	10	3	☺
★ MC166-12.0A3LD-	12	42	52	11.4	100	55	12	3	☺
★ MC166-16.0A3LD-	16	56	70	15.2	121	73	16	3	☺

Ordering example for the grade WJ30UU: MC166-03.0A3LD-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

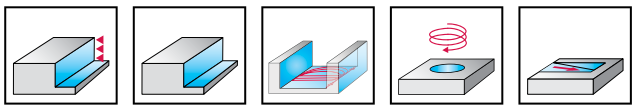
New addition to the product range = ☺ 😐 ☹ / ★

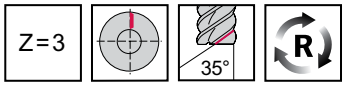
Solid carbide shoulder milling cutters

MC166 Advance mm



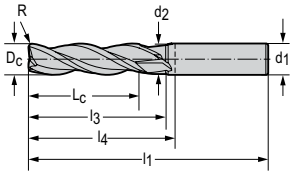
– Reduced neck
– Corner radius





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30UU
MC166-12.0A3L100D-	12	1	42	52	11.4	100	55	12	3	☺
MC166-12.0A3L200D-	12	2	42	52	11.4	100	55	12	3	☺
MC166-12.0A3L300D-	12	3	42	52	11.4	100	55	12	3	☺
MC166-12.0A3L400D-	12	4	42	52	11.4	100	55	12	3	☺
MC166-15.0A3L300D-	15	3	52	64	14.3	115	67	16	3	☺
MC166-15.0A3L400D-	15	4	52	64	14.3	115	67	16	3	☺
MC166-16.0A3L100D-	16	1	56	70	15.2	121	73	16	3	☺
MC166-16.0A3L200D-	16	2	56	70	15.2	121	73	16	3	☺
MC166-16.0A3L300D-	16	3	56	70	15.2	121	73	16	3	☺
MC166-16.0A3L400D-	16	4	56	70	15.2	121	73	16	3	☺
MC166-16.0A3L500D-	16	5	56	70	15.2	121	73	16	3	☺
MC166-20.0A3L100D-	20	1	70	88	19	141	91	20	3	☺
MC166-20.0A3L200D-	20	2	70	88	19	141	91	20	3	☺
MC166-20.0A3L300D-	20	3	70	88	19	141	91	20	3	☺
MC166-20.0A3L400D-	20	4	70	88	19	141	91	20	3	☺
MC166-20.0A3L500D-	20	5	70	88	19	141	91	20	3	☺

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC166-12.0A3L100D-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

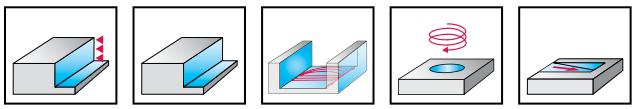
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

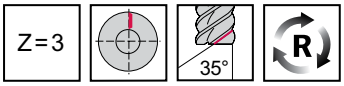
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MC166 Advance mm

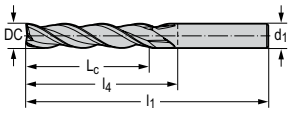






	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30UU
★ MC166-06.0A3XL-	6	30	75	39	6	3	☻
★ MC166-08.0A3XL-	8	40	100	64	8	3	☻
★ MC166-10.0A3XL-	10	50	100	60	10	3	☻
★ MC166-12.0A3XL-	12	60	118	73	12	3	☻
★ MC166-16.0A3XL-	16	80	145	97	16	3	☻

Ordering example for the grade WJ30UU: MC166-06.0A3XL-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

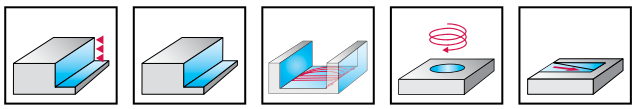
New addition to the product range = ☻ 😐 ☹ / ★

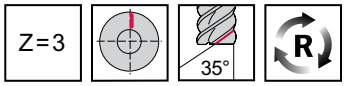
Solid carbide shoulder milling cutters

MC166 Advance mm



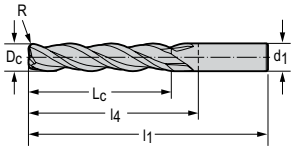
– Corner radius





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30UU
MC166-12.0A3X100L-	12	1	60	118	73	12	3	☺
MC166-12.0A3X200L-	12	2	60	118	73	12	3	☺
MC166-12.0A3X300L-	12	3	60	118	73	12	3	☺
MC166-12.0A3X400L-	12	4	60	118	73	12	3	☺
MC166-15.0A3X300L-	15	3	75	139	91	16	3	☺
MC166-15.0A3X400L-	15	4	75	139	91	16	3	☺
MC166-16.0A3X100L-	16	1	80	145	97	16	3	☺
MC166-16.0A3X200L-	16	2	80	145	97	16	3	☺
MC166-16.0A3X300L-	16	3	80	145	97	16	3	☺
MC166-16.0A3X400L-	16	4	80	145	97	16	3	☺
MC166-16.0A3X500L-	16	5	80	145	97	16	3	☺
MC166-20.0A3X100L-	20	1	100	171	121	20	3	☺
MC166-20.0A3X200L-	20	2	100	171	121	20	3	☺
MC166-20.0A3X300L-	20	3	100	171	121	20	3	☺
MC166-20.0A3X400L-	20	4	100	171	121	20	3	☺
MC166-20.0A3X500L-	20	5	100	171	121	20	3	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30UU: MC166-12.0A3X100L-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

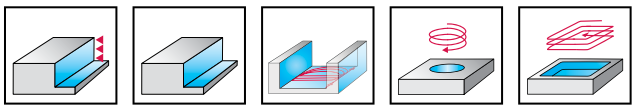
☺ 😐 ☹ / ★ = New addition to the product range

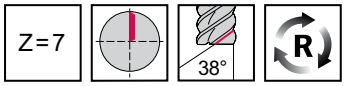
Solid carbide shoulder milling cutters

MD177 Supreme mm



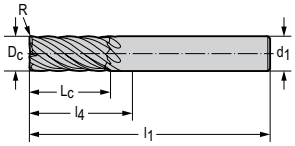
– Corner radius





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



Cylindrical shank

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD177-06.0A7B030-	6	0.3	13	57	21	6	7	😐
MD177-08.0A7B040-	8	0.4	19	63	27	8	7	😐
MD177-10.0A7B050-	10	0.5	22	72	32	10	7	😐
MD177-12.0A7B060-	12	0.6	26	83	38	12	7	😐
MD177-16.0A7B080-	16	0.8	32	92	44	16	7	😐
MD177-20.0A7B100-	20	1	38	104	54	20	7	😐
MD177-25.0A7B125-	25	1.25	45	121	65	25	7	😐

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177-06.0A7B030-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

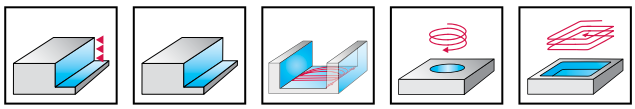
New addition to the product range = 😊 😐 ☹ / ★

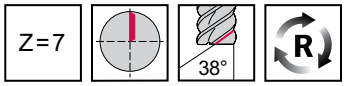
Solid carbide shoulder milling cutters

MD177 Supreme mm



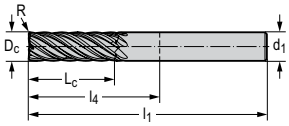
– Corner radius





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD177-06.0A7L030D-	6	0.3	18	63	27	6	7	☺
MD177-08.0A7L040D-	8	0.4	24	80	44	8	7	☺
MD177-10.0A7L050D-	10	0.5	30	100	60	10	7	☺
MD177-12.0A7L060D-	12	0.6	36	100	55	12	7	☺
MD177-16.0A7L080D-	16	0.8	48	115	67	16	7	☺
MD177-20.0A7L100D-	20	1	60	126	76	20	7	☺

Ordering example for the grade WJ30EN: MD177-06.0A7L030D-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

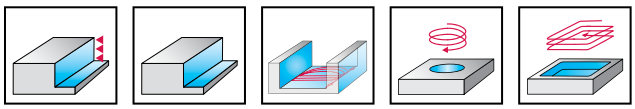
☺ 😐 ☹ / ★ = New addition to the product range

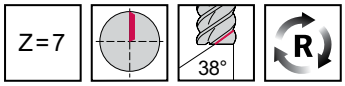
Solid carbide shoulder milling cutters

MD177 Supreme mm



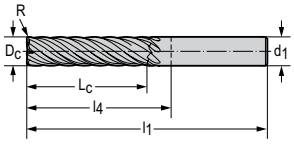
– Corner radius





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



Cylindrical shank

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD177-06.0A7L030K-	6	0.3	25	65	29	6	7	😐
MD177-08.0A7L040K-	8	0.4	34	80	44	8	7	😐
MD177-10.0A7L050K-	10	0.5	42	90	50	10	7	😐
MD177-12.0A7L060K-	12	0.6	50	100	55	12	7	😐
MD177-16.0A7L080K-	16	0.8	66	125	77	16	7	😐
MD177-20.0A7L100K-	20	1	83	145	95	20	7	😐
MD177-25.0A7L125K-	25	1.25	100	163	107	25	7	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30EN: MD177-06.0A7L030K-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

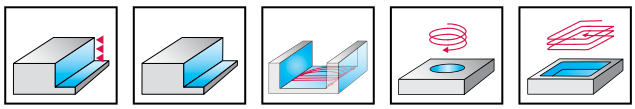
New addition to the product range = 😊 😐 😞 / ★

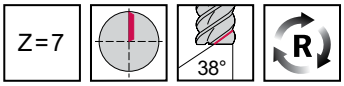
Solid carbide shoulder milling cutters

MD177 Supreme mm



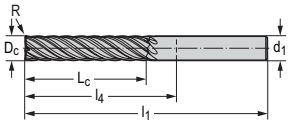
– Corner radius





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD177-08.0A7X040L-	8	0.4	40	100	64	8	7	☺
MD177-10.0A7X050L-	10	0.5	50	120	80	10	7	☺
MD177-12.0A7X060L-	12	0.6	60	120	75	12	7	☺
MD177-16.0A7X080L-	16	0.8	80	150	102	16	7	☺
MD177-20.0A7X100L-	20	1	100	170	120	20	7	☺

Ordering example for the grade WJ30EN: MD177-08.0A7X040L-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

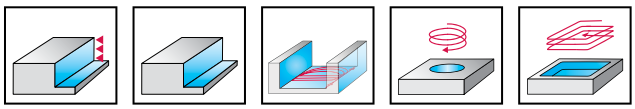
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

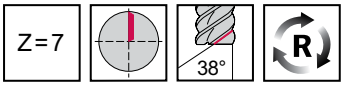
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD177 Supreme inch

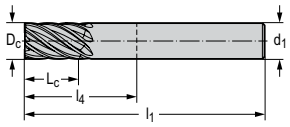






	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



Cylindrical shank

Designation	D_c	D_c inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30EN
MD177,4.76A7LK-	3/16"	0.1875	0.750	2.500	1.083	0.187	7	☺
MD177,6.35A7D-	1/4"	0.2500	0.500	2.500	1.083	0.250	7	☺
MD177,6.35A7DJ-	1/4"	0.2500	0.750	2.500	1.083	0.250	7	☺
MD177,6.35A7XL-	1/4"	0.2500	1.250	3.000	1.583	0.250	7	☺
MD177,9.53A7S-	3/8"	0.3750	0.500	2.000	0.500	0.375	7	☺
MD177,9.53A7D-	3/8"	0.3750	1.000	2.500	1.000	0.375	7	☺
MD177,9.53A7LJ-	3/8"	0.3750	1.250	3.000	1.437	0.375	7	☺
MD177,12.7A7S-	1/2"	0.5000	0.625	2.500	0.717	0.500	7	☺
MD177,12.7A7D-	1/2"	0.5000	1.000	3.000	1.217	0.500	7	☺
MD177,12.7A7DI-	1/2"	0.5000	1.250	3.000	1.250	0.500	7	☺
MD177,12.7A7LK-	1/2"	0.5000	2.125	4.000	2.217	0.500	7	☺
MD177,15.9A7S-	5/8"	0.6250	0.750	3.000	1.094	0.625	7	☺
MD177,15.9A7D-	5/8"	0.6250	1.250	3.500	1.594	0.625	7	☺
MD177,15.9A7DI-	5/8"	0.6250	1.625	3.500	1.625	0.625	7	☺
MD177,15.9A7LJ-	5/8"	0.6250	2.125	4.000	2.125	0.625	7	☺
MD177,19.1A7S-	3/4"	0.7500	1.000	3.000	1.000	0.750	7	☺
MD177,19.1A7D-	3/4"	0.7500	1.625	4.000	1.969	0.750	7	☺
MD177,19.1A7LJ-	3/4"	0.7500	2.250	5.000	2.968	0.750	7	☺
MD177,19.1A7XK-	3/4"	0.7500	3.250	6.000	3.968	0.750	7	☺
MD177,25.4A7DI-	1"	1.0000	2.625	5.000	2.717	1.000	7	☺
MD177,25.4A7LJ-	1"	1.0000	3.250	6.000	3.717	1.000	7	☺

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177,12.7A7D-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

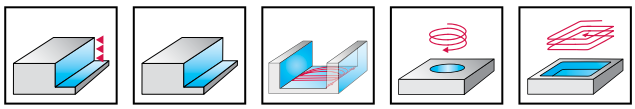
New addition to the product range = ☺ 😐 ☹ / ★

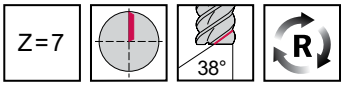
Solid carbide shoulder milling cutters

MD177 Supreme inch



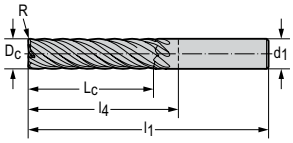
– Corner radius





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30EN
MD177,4.76A7L038K-	3/16"	0.1875	0.015	0.750	2.500	1.083	0.187	7	☺
MD177,6.35A7D038-	1/4"	0.2500	0.015	0.500	2.500	1.083	0.250	7	☺
MD177,6.35A7D076-	1/4"	0.2500	0.030	0.500	2.500	1.083	0.250	7	☺
MD177,6.35A7D076J-	1/4"	0.2500	0.030	0.750	2.500	1.083	0.250	7	☺
MD177,6.35A7X038L-	1/4"	0.2500	0.015	1.250	3.000	1.583	0.250	7	☺
MD177,6.35A7X076L-	1/4"	0.2500	0.030	1.250	3.000	1.583	0.250	7	☺
MD177,9.53A7S038-	3/8"	0.3750	0.015	0.500	2.000	0.500	0.375	7	☺
MD177,9.53A7S076-	3/8"	0.3750	0.030	0.500	2.000	0.500	0.375	7	☺
MD177,9.53A7S152-	3/8"	0.3750	0.060	0.500	2.000	0.500	0.375	7	☺
MD177,9.53A7D038-	3/8"	0.3750	0.015	1.000	2.500	1.000	0.375	7	☺
MD177,9.53A7D076-	3/8"	0.3750	0.030	1.000	2.500	1.000	0.375	7	☺
MD177,9.53A7D152-	3/8"	0.3750	0.060	1.000	2.500	1.000	0.375	7	☺
MD177,9.53A7L038J-	3/8"	0.3750	0.015	1.250	3.000	1.437	0.375	7	☺
MD177,9.53A7L076J-	3/8"	0.3750	0.030	1.250	3.000	1.437	0.375	7	☺
MD177,9.53A7L152J-	3/8"	0.3750	0.060	1.250	3.000	1.437	0.375	7	☺
MD177,12.7A7S038-	1/2"	0.5000	0.015	0.625	2.500	0.717	0.500	7	☺
MD177,12.7A7S076-	1/2"	0.5000	0.030	0.625	2.500	0.717	0.500	7	☺
MD177,12.7A7S152-	1/2"	0.5000	0.060	0.625	2.500	0.717	0.500	7	☺
MD177,12.7A7D038-	1/2"	0.5000	0.015	1.000	3.000	1.217	0.500	7	☺
MD177,12.7A7D076-	1/2"	0.5000	0.030	1.000	3.000	1.217	0.500	7	☺
MD177,12.7A7D152-	1/2"	0.5000	0.060	1.000	3.000	1.217	0.500	7	☺
MD177,12.7A7DI038-	1/2"	0.5000	0.015	1.250	3.000	1.250	0.500	7	☺
MD177,12.7A7D076I-	1/2"	0.5000	0.030	1.250	3.000	1.250	0.500	7	☺
MD177,12.7A7D152I-	1/2"	0.5000	0.060	1.250	3.000	1.250	0.500	7	☺
MD177,12.7A7L038K-	1/2"	0.5000	0.015	2.125	4.000	2.217	0.500	7	☺
MD177,12.7A7L076K-	1/2"	0.5000	0.030	2.125	4.000	2.217	0.500	7	☺
MD177,12.7A7L152K-	1/2"	0.5000	0.060	2.125	4.000	2.217	0.500	7	☺
MD177,15.9A7S038-	5/8"	0.6250	0.030	0.750	3.000	1.094	0.625	7	☺
MD177,15.9A7S076-	5/8"	0.6250	0.060	0.750	3.000	1.094	0.625	7	☺
MD177,15.9A7D038-	5/8"	0.6250	0.030	1.250	3.500	1.594	0.625	7	☺
MD177,15.9A7D076-	5/8"	0.6250	0.060	1.250	3.500	1.594	0.625	7	☺
MD177,15.9A7D038I-	5/8"	0.6250	0.015	1.625	3.500	1.625	0.625	7	☺
MD177,15.9A7D076I-	5/8"	0.6250	0.030	1.625	3.500	1.625	0.625	7	☺
MD177,15.9A7D152I-	5/8"	0.6250	0.060	1.625	3.500	1.625	0.625	7	☺

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177,12.7A7D038-WJ30EN

D1

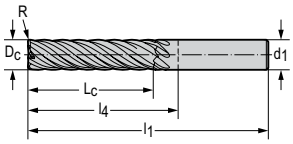
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tool



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30EN
MD177,15.9A7L038J-	5/8"	0.6250	0.015	2.125	4.000	2.125	0.625	7	☹
MD177,15.9A7L076J-	5/8"	0.6250	0.030	2.125	4.000	2.125	0.625	7	☹
MD177,15.9A7L152J-	5/8"	0.6250	0.060	2.125	4.000	2.125	0.625	7	☹
MD177,19.1A7S076-	3/4"	0.7500	0.030	1.000	3.000	1.000	0.750	7	☹
MD177,19.1A7S152-	3/4"	0.7500	0.060	1.000	3.000	1.000	0.750	7	☹
MD177,19.1A7S305-	3/4"	0.7500	0.120	1.000	3.000	1.000	0.750	7	☹
MD177,19.1A7D038-	3/4"	0.7500	0.015	1.625	4.000	1.969	0.750	7	☹
MD177,19.1A7D076-	3/4"	0.7500	0.030	1.625	4.000	1.969	0.750	7	☹
MD177,19.1A7D152-	3/4"	0.7500	0.060	1.625	4.000	1.969	0.750	7	☹
MD177,19.1A7D305-	3/4"	0.7500	0.120	1.625	4.000	1.969	0.750	7	☹
MD177,19.1A7L076J-	3/4"	0.7500	0.030	2.250	5.000	2.968	0.750	7	☹
MD177,19.1A7L152J-	3/4"	0.7500	0.060	2.250	5.000	2.968	0.750	7	☹
MD177,19.1A7L305J-	3/4"	0.7500	0.120	2.250	5.000	2.968	0.750	7	☹
MD177,19.1A7X076K-	3/4"	0.7500	0.030	3.250	6.000	3.968	0.750	7	☹
MD177,19.1A7X152K-	3/4"	0.7500	0.060	3.250	6.000	3.968	0.750	7	☹
MD177,25.4A7D076I-	1"	1.0000	0.030	2.625	5.000	2.717	1.000	7	☹
MD177,25.4A7D152I-	1"	1.0000	0.060	2.625	5.000	2.717	1.000	7	☹
MD177,25.4A7D305I-	1"	1.0000	0.120	2.625	5.000	2.717	1.000	7	☹
MD177,25.4A7L038J-	1"	1.0000	0.015	3.250	6.000	3.717	1.000	7	☹
MD177,25.4A7L076J-	1"	1.0000	0.030	3.250	6.000	3.717	1.000	7	☹
MD177,25.4A7L152J-	1"	1.0000	0.060	3.250	6.000	3.717	1.000	7	☹
MD177,25.4A7L305J-	1"	1.0000	0.120	3.250	6.000	3.717	1.000	7	☹

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177,12.7A7D038-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

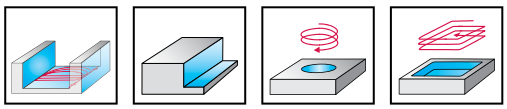
New addition to the product range = ☺ 😐 ☹ / ★

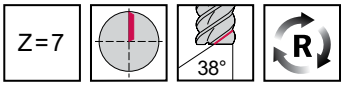
Solid carbide shoulder milling cutters

MD173 Supreme mm



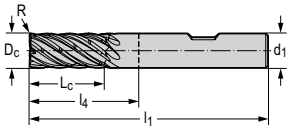
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD173-06.0W7B030-	6	0.3	13	57	21	6	7	☻
MD173-08.0W7B040-	8	0.4	19	63	27	8	7	☻
MD173-10.0W7B050-	10	0.5	22	72	32	10	7	☻
MD173-12.0W7B060-	12	0.6	26	83	38	12	7	☻
MD173-16.0W7B080-	16	0.8	32	92	44	16	7	☻
MD173-20.0W7B100-	20	1	41	104	54	20	7	☻

Ordering example for the grade WJ30EN: MD173-06.0W7B030-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = ☻ → Poor = ☹ machining conditions

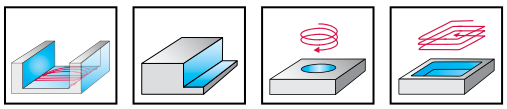
☻ ☻ ☹ / ★ = New addition to the product range

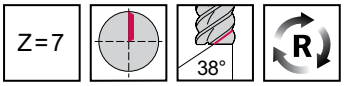
Solid carbide shoulder milling cutters

MD173 Supreme mm



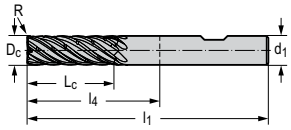
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD173-06.0W7L030D-	6	0.3	18	63	27	6	7	☺
MD173-08.0W7L040D-	8	0.4	24	80	44	8	7	☺
MD173-10.0W7L050D-	10	0.5	30	100	60	10	7	☺
MD173-12.0WL060D-	12	0.6	36	100	55	12	7	☺
MD173-16.0W7L080D-	16	0.8	48	115	67	16	7	☺
MD173-20.0W7L100D-	20	1	60	126	76	20	7	☺

Ordering example for the grade WJ30EN: MD173-06.0W7L030D-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

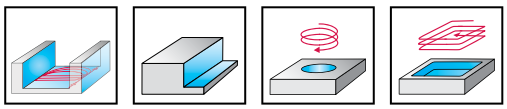
New addition to the product range = ☺ 😐 ☹ / ★

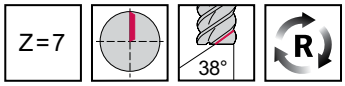
Solid carbide shoulder milling cutters

MD173 Supreme mm



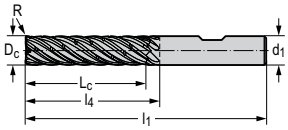
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD173-06.0W7L030K-	6	0.3	25	63	27	6	7	☺
MD173-08.0W7L040K-	8	0.4	34	80	44	8	7	☺
MD173-10.0W7L050K-	10	0.5	42	90	50	10	7	☺
MD173-12.0W7L060K-	12	0.6	50	100	55	12	7	☺
MD173-16.0W7L080K-	16	0.8	66	127	79	16	7	☺
MD173-20.0W7L100K-	20	1	83	150	100	20	7	☺

Ordering example for the grade WJ30EN: MD173-06.0W7L030K-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

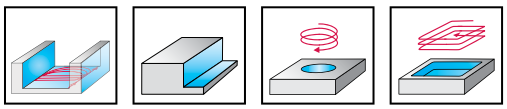
☺ 😐 ☹ / ★ = New addition to the product range

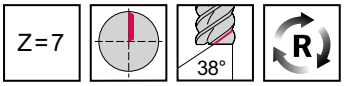
Solid carbide shoulder milling cutters

MD173 Supreme mm



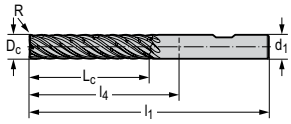
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
MD173-08.0W7X040L-	8	0.4	40	100	64	8	7	☺
MD173-10.0W7X050L-	10	0.5	50	120	80	10	7	☺
MD173-12.0W7X060L-	12	0.6	60	120	75	12	7	☺
MD173-16.0W7X080L-	16	0.8	80	150	102	16	7	☺
MD173-20.0W7X100L-	20	1	100	170	120	20	7	☺

Ordering example for the grade WJ30EN: MD173-08.0W7X040L-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

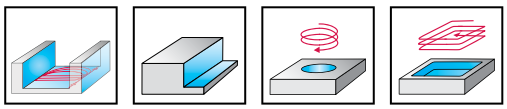
New addition to the product range = ☺ 😐 ☹ / ★

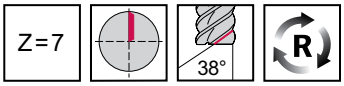
Solid carbide shoulder milling cutters

MD173 Supreme inch



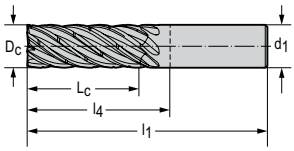
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



Cylindrical shank

Designation	D_c	D_c inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30EN
MD173,15.9A7DI-	5/8"	0.6250	1.625	3.500	1.625	0.625	7	☻
MD173,15.9A7LJ-	5/8"	0.6250	2.125	4.000	2.125	0.625	7	☻
MD173,19.1A7XK-	3/4"	0.7500	3.250	6.000	3.968	0.750	7	☻
MD173,25.4A7LJ-	1"	1.0000	3.250	6.000	3.717	1.000	7	☻

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD173,15.9A7DI-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

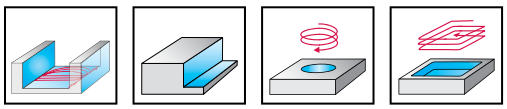
☻ 😐 ☹ / ★ = New addition to the product range

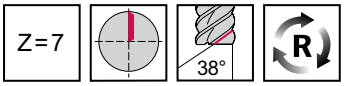
Solid carbide shoulder milling cutters

MD173 Supreme inch



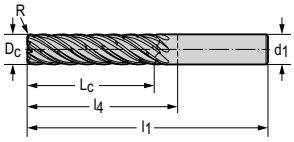
– Corner radius
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (nACRoA)	●	●			●●		

Tool



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30EN
MD173,6.35A7X038L-	1/4"	0.2500	0.015	1.250	3.000	1.583	0.250	7	☺
MD173,9.53A7L038J-	3/8"	0.3750	0.015	1.250	3.000	1.437	0.375	7	☺
MD173,9.53A7L076J-	3/8"	0.3750	0.030	1.250	3.000	1.437	0.375	7	☺
MD173,9.53A7L152J-	3/8"	0.3750	0.060	1.250	3.000	1.437	0.375	7	☺
MD173,12.7A7D038I-	1/2"	0.5000	0.015	1.250	3.000	1.250	0.500	7	☺
MD173,12.7A7D076I-	1/2"	0.5000	0.030	1.250	3.000	1.250	0.500	7	☺
MD173,12.7A7D152I-	1/2"	0.5000	0.060	1.250	3.000	1.250	0.500	7	☺
MD173,12.7A7L076K-	1/2"	0.5000	0.030	2.125	4.000	2.217	0.500	7	☺
MD173,12.7A7L152K-	1/2"	0.5000	0.060	2.125	4.000	2.217	0.500	7	☺
MD173,15.9A7D038I-	5/8"	0.6250	0.015	1.625	3.500	1.625	0.625	7	☺
MD173,15.9A7D076I-	5/8"	0.6250	0.030	1.625	3.500	1.625	0.625	7	☺
MD173,15.9A7L038J-	5/8"	0.6250	0.015	2.125	4.000	2.125	0.625	7	☺
MD173,15.9A7L076J-	5/8"	0.6250	0.030	2.125	4.000	2.125	0.625	7	☺
MD173,15.9A7L152J-	5/8"	0.6250	0.060	2.125	4.000	2.125	0.625	7	☺
MD173,19.1A7D076-	3/4"	0.7500	0.030	1.625	4.000	1.969	0.750	7	☺
MD173,19.1A7D152-	3/4"	0.7500	0.060	1.625	4.000	1.969	0.750	7	☺
MD173,19.1A7D305-	3/4"	0.7500	0.120	1.625	4.000	1.969	0.750	7	☺
MD173,19.1A7L076J-	3/4"	0.7500	0.030	2.250	5.000	2.968	0.750	7	☺
MD173,19.1A7L152J-	3/4"	0.7500	0.060	2.250	5.000	2.968	0.750	7	☺
MD173,19.1A7L305J-	3/4"	0.7500	0.120	2.250	5.000	2.968	0.750	7	☺
MD173,19.1A7X076K-	3/4"	0.7500	0.030	3.250	6.000	3.968	0.750	7	☺
MD173,19.1A7X152K-	3/4"	0.7500	0.060	3.250	6.000	3.968	0.750	7	☺
MD173,19.1A7X305K-	3/4"	0.7500	0.120	3.250	6.000	3.968	0.750	7	☺
MD173,25.4A7D038I-	1"	1.0000	0.015	2.625	5.000	2.717	1.000	7	☺
MD173,25.4A7D152I-	1"	1.0000	0.060	2.625	5.000	2.717	1.000	7	☺
MD173,25.4A7D305I-	1"	1.0000	0.120	2.625	5.000	2.717	1.000	7	☺

Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD173,12.7A7D038I-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

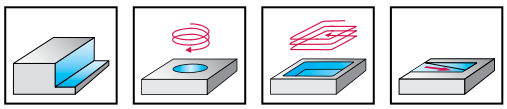
Solid carbide shoulder milling cutters

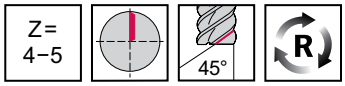
H7073417 mm

Protostar® Ti



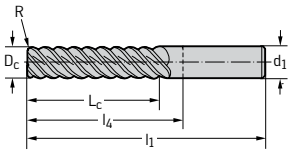
– Corner radius
– Type Ti 45, extra long





	P	M	K	N	S	H	O
ACN					●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H7073417-16X50	16	4	50	115	67	16	4
H7073417-16X50-3	16	3	50	115	67	16	4
H7073417-16X90	16	4	90	145	97	16	4
H7073417-20X100	20	4	100	170	120	20	4
H7073417-20X100-3	20	3	100	170	120	20	4
H7073417-20X55	20	4	55	125	75	20	4
H7073417-20X55-3	20	3	55	125	75	20	4
H7073417-25X125	25	4	125	188	132	25	5
H7073417-25X125-3	25	3	125	188	132	25	5
H7073417-25X90	25	4	90	153	97	25	5
H7073417-25X90-3	25	3	90	153	97	25	5

Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

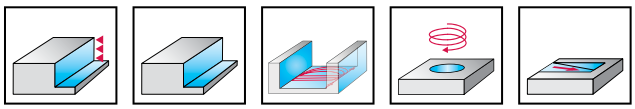
☺ 😐 ☹ / ★ = New addition to the product range

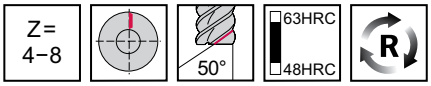
Solid carbide shoulder milling cutters

MC187 Advance mm



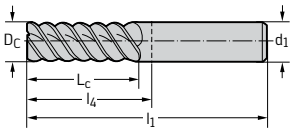
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC187-03.0A4B-	3	0.1	8	57	21	6	4	☺
MC187-04.0A4B-	4	0.1	11	57	21	6	4	☺
MC187-05.0A4B-	5	0.1	13	57	21	6	4	☺
MC187-06.0A6B-	6	0.1	13	57	21	6	6	☺
MC187-08.0A6B-	8	0.1	19	63	27	8	6	☺
MC187-10.0A6B-	10	0.1	22	72	32	10	6	☺
MC187-12.0A6B-	12	0.1	26	83	38	12	6	☺
MC187-16.0A6B-	16	0.15	32	92	44	16	6	☺
MC187-20.0A8B-	20	0.15	38	104	54	20	8	☺
MC187-25.0A8B-	25	0.15	45	121	65	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187-03.0A4B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

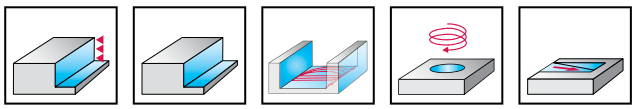
New addition to the product range = ☺ 😐 ☹ / ★

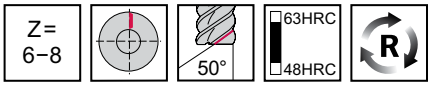
Solid carbide shoulder milling cutters

MC187 Advance mm



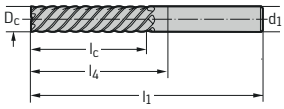
– l_{11} -Corner chamfer





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)					●	●●	

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC187-06.0A6L-	6	0.1	26	75	34	6	6	☺
MC187-08.0A6L-	8	0.1	36	80	44	8	6	☺
MC187-10.0A6L-	10	0.1	46	100	60	10	6	☺
MC187-12.0A6L-	12	0.1	55	110	65	12	6	☺
MC187-16.0A6L-	16	0.15	66	130	82	16	6	☺
MC187-20.0A8L-	20	0.15	80	145	95	20	8	☺
MC187-25.0A8L-	25	0.15	90	153	97	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187-06.0A6L-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

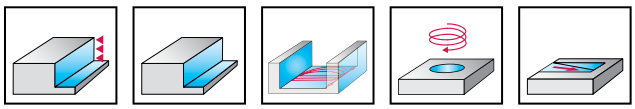
☺ 😐 ☹ / ★ = New addition to the product range

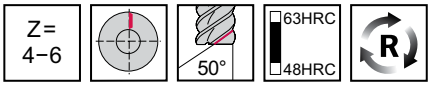
Solid carbide shoulder milling cutters

MC187 Advance mm



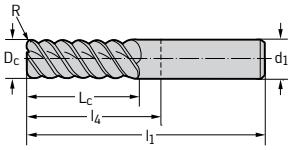
– Corner radius





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)					●	●●	

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC187-03.0A4B050-	3	0.5	8	57	21	6	4	☻
MC187-04.0A4B050-	4	0.5	11	57	21	6	4	☻
MC187-04.0A4B100-	4	1	11	57	21	6	4	☻
MC187-05.0A6B050-	5	0.5	13	57	21	6	6	☻
MC187-05.0A6B100-	5	1	13	57	21	6	6	☻
MC187-06.0A6B050-	6	0.5	13	57	21	6	6	☻
MC187-06.0A6B100-	6	1	13	57	21	6	6	☻
MC187-08.0A6B050-	8	0.5	19	63	27	8	6	☻
MC187-08.0A6B100-	8	1	19	63	27	8	6	☻
MC187-08.0A6B200-	8	2	19	63	27	8	6	☻
MC187-10.0A6B050-	10	0.5	22	72	32	10	6	☻
MC187-10.0A6B100-	10	1	22	72	32	10	6	☻
MC187-10.0A6B200-	10	2	22	72	32	10	6	☻
MC187-12.0A6B050-	12	0.5	26	83	38	12	6	☻
MC187-12.0A6B100-	12	1	26	83	38	12	6	☻
MC187-12.0A6B200-	12	2	26	83	38	12	6	☻
MC187-12.0A6B300-	12	3	26	83	38	12	6	☻

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187-03.0A4B050-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

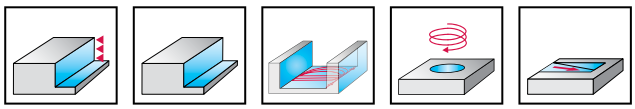
New addition to the product range = ☻ 😐 ☹ / ★

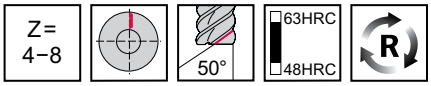
Solid carbide shoulder milling cutters

MC187 Advance inch



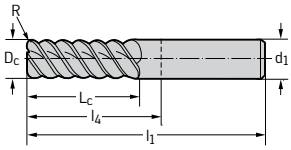
– Corner radius





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)					●	●●	

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WB10TG
MC187,3.18A4D038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	4	☺
MC187,4.76A4D038-	3/16"	0.1875	0.015	0.625	2.500	1.083	0.250	4	☺
MC187,6.35A6D038-	1/4"	0.2500	0.015	0.750	3.000	1.583	0.250	6	☺
MC187,7.94A6D051-	5/16"	0.3125	0.020	0.812	3.000	1.437	0.375	6	☺
MC187,9.53A6D076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	6	☺
MC187,12.7A6D076-	1/2"	0.5000	0.030	1.000	4.500	2.717	0.500	6	☺
MC187,15.9A6D152-	5/8"	0.6250	0.060	1.250	5.000	3.094	0.625	6	☺
MC187,19.1A8D152-	3/4"	0.7500	0.060	1.500	5.000	2.968	0.750	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187,12.7A6D076-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

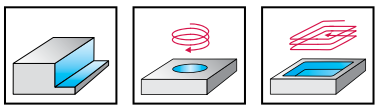
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MC183 Advance mm



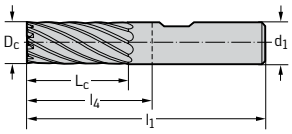
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC183-06.0W6B-	6	0.1	13	57	21	6	6	☻
MC183-08.0W8B-	8	0.1	19	63	27	8	8	☻
MC183-10.0W10B-	10	0.1	22	72	32	10	10	☻
MC183-12.0W12B-	12	0.1	26	83	38	12	12	☻
MC183-16.0W16B-	16	0.15	32	92	44	16	16	☻

Shoulder milling $a_e \leq 0.05 \times D_c$ | Ordering example for the grade WB10TG: MC183-06.0W6B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

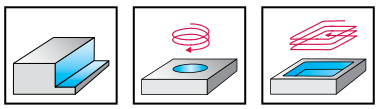
New addition to the product range = ☻ 😐 ☹ / ★

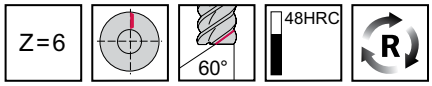
Solid carbide shoulder milling cutters

MC129 Advance mm



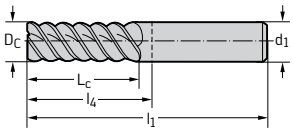
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC129-06.0A6B-	6	0.1	13	57	21	6	6	☺
MC129-08.0A6B-	8	0.1	19	63	27	8	6	☺
MC129-10.0A6B-	10	0.1	22	72	32	10	6	☺
MC129-12.0A6B-	12	0.1	26	83	38	12	6	☺
MC129-14.0A6B-	14	0.15	26	83	38	14	6	☺
MC129-16.0A6B-	16	0.15	32	92	44	16	6	☺
MC129-20.0A6B-	20	0.15	38	104	54	20	6	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC129-06.0A6B-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

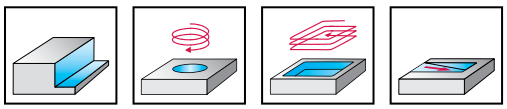
☺ 😐 ☹ / ★ = New addition to the product range

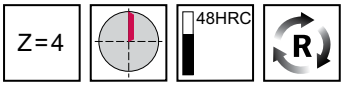
Solid carbide shoulder milling cutters

MC111 Advance inch



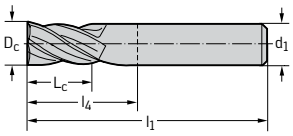
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	D_c h10 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC111,2.38A4D-	0.0937		0.375	2.500	1.083	0.250	4	
MC111,3.18A4D-	0.1250		0.500	2.500	1.083	0.250	4	
MC111,4.76A4D-	0.1875		0.625	2.500	1.083	0.250	4	
MC111,6.35A4D-	0.2500		0.750	2.500	1.083	0.250	4	
MC111,7.94A4D-	0.3125		0.812	3.000	1.437	0.375	4	
MC111,9.53A4D-	0.3750	0.004	0.875	3.000	1.437	0.375	4	
MC111,12.7A4D-	0.5000	0.006	1.000	3.500	1.717	0.500	4	
MC111,15.9A4D-	0.6250	0.006	1.250	3.500	1.594	0.625	4	
MC111,19.1A4D-	0.7500	0.006	1.500	4.000	1.969	0.750	4	

Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30TF: MC111,12.7A4D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

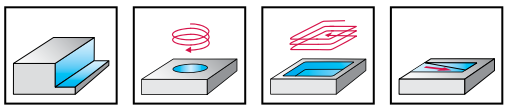
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MC112 Advance mm



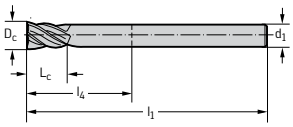
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC112-06.3A4X-	6.3		6	100	64	6	4	☺
MC112-08.3A4X-	8.3		8	100	64	8	4	☺
MC112-10.3A4X-	10.3	0.1	10	150	110	10	4	☺
MC112-12.5A4X-	12.5	0.15	12	150	105	12	4	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Shank tolerance h6 with shank diameter $d_1 \geq 10$ mm | Ordering example for the grade WJ30TF: MC112-06.3A4X-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

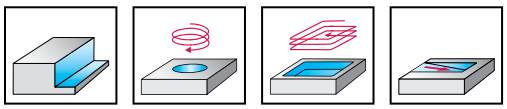
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MC112 Advance mm



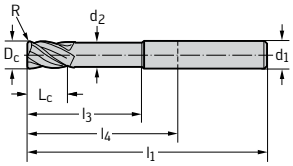
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC112-04.0A4L050-	4	0.5	4	20	3.8	57	21.9	6	4	☺
MC112-06.0A4L100-	6	1	6	24	5.7	63	27	8	4	☺
MC112-08.0A4L100-	8	1	8	29	7.6	72	32	10	4	☺
MC112-12.0A4L150-	12	1.5	12	36	11.4	83	38	12	4	☺
MC112-16.0A4L200-	16	2	16	42	15.2	92	44	16	4	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30TF: MC112-04.0A4L050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

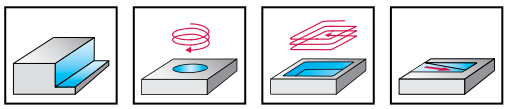
Solid carbide shoulder milling cutters

H4044918 mm

Protostar®



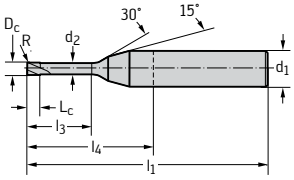
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
TAX	●●			●			

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H4044918-0.4-1	0.4	0.05	0.4	1	0.4	38	10	3	2
H4044918-0.4-2	0.4	0.05	0.4	2	0.4	38	10	3	2
H4044918-0.4-4	0.4	0.05	0.4	4	0.4	38	10	3	2
H4044918-0.5-1.25	0.5	0.05	0.5	1	0.5	38	10	3	2
H4044918-0.5-2.5	0.5	0.05	0.5	3	0.5	38	10	3	2
H4044918-0.5-5	0.5	0.05	0.5	5	0.5	38	10	3	2
H4044918-0.6-1.5	0.6	0.05	0.6	2	0.6	38	10	3	2
H4044918-0.6-3	0.6	0.05	0.6	3	0.6	38	10	3	2
H4044918-0.6-4.5	0.6	0.05	0.6	5	0.6	38	10	3	2
H4044918-0.8-2	0.8	0.05	0.8	2	0.8	38	10	3	2
H4044918-0.8-4	0.8	0.05	0.8	4	0.8	38	10	3	2
H4044918-0.8-6	0.8	0.05	0.8	6	0.8	38	10	3	2
H4044918-0.8-8	0.8	0.05	0.8	8	0.8	38	11.6	3	2
H4044918-1-10	1	0.1	1	10	1	60	32	3	2
H4044918-1-15	1	0.1	1	15	1	60	32	3	2
H4044918-1-2.5	1	0.1	1	3	1	38	10	3	2
H4044918-1-20	1	0.1	1	20	1	60	32	3	2
H4044918-1-5	1	0.1	1	5	1	60	32	3	2
H4044918-1-7.5	1	0.1	1	8	1	60	32	3	2
H4044918-1.5-15	1.5	0.15	1.5	15	1.5	60	32	3	2
H4044918-1.5-7.5	1.5	0.15	1.5	8	1.5	60	32	3	2
H4044918-2-10	2	0.2	2	10	2	60	32	3	2
H4044918-2-15	2	0.2	2	15	2	60	32	3	2
H4044918-2-20	2	0.2	2	20	2	60	32	3	2
H4044918-2-30	2	0.2	2	30	2	60	32	3	2
H4044918-2.5-12.5	2.5	0.25	2.5	13	2.5	60	32	3	2
H4044918-2.5-25	2.5	0.25	2.5	25	2.5	60	32	3	2
H4044918-3-15	3	0.3	3	15	3	60	32	3	2
H4044918-3-22.5	3	0.3	3	23	3	60	32	3	2
H4044918-3-30	3	0.3	3	30	3	60	32	3	2

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.05 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

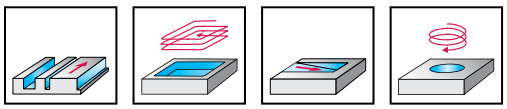
☺ 😐 ☹ / ★ = New addition to the product range

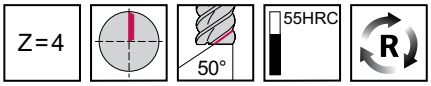
Solid carbide shoulder/slot milling cutters

MC341 Supreme mm



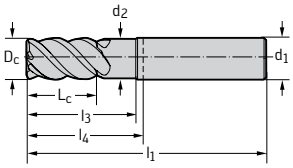
– Reduced neck
– l_{11} - Corner Chamfer





	P	M	K	N	S	H	O
WK40TZ (AlTiN+ZrN)	●●	●					

Tool



DIN 6535 HA

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TZ
MC341-06.0A4P-	6	0.1	10	16	5.5	57	21	6	4	☻
MC341-08.0A4P-	8	0.1	13	22	7.6	63	27	8	4	☻
MC341-10.0A4P-	10	0.1	16	28	9.5	72	32	10	4	☻
MC341-12.0A4P-	12	0.1	19	33	11.4	83	38	12	4	☻
MC341-16.0A4P-	16	0.15	26	42	15.2	92	44	16	4	☻
MC341-20.0A4P-	20	0.15	32	52	19	104	54	20	4	☻

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TZ: MC341-06.0A4P-WK40TZ

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

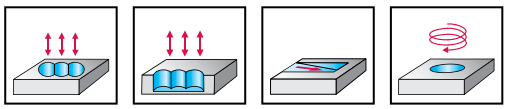
New addition to the product range = ☻ 😐 ☹ / ★

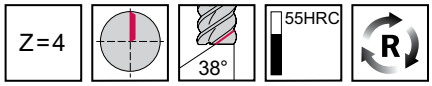
Solid carbide plunge milling cutter

MD344 Supreme mm



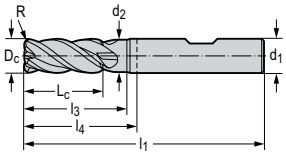
– Reduced neck
– Corner radius





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD344-06.0W4B030C-	6	0.3	13	19	5.7	57	21	6	4	☺
MD344-08.0W4B040C-	8	0.4	19	25	7.6	63	27	8	4	☺
MD344-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MD344-12.0W4B060C-	12	0.6	26	36	11.4	83	38	12	4	☺
MD344-16.0W4B080C-	16	0.8	32	42	15.2	92	44	16	4	☺
MD344-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD344-06.0W4B030C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

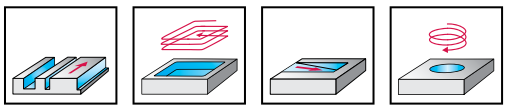
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



– Reduced neck
– l_{11} - Corner Chamfer

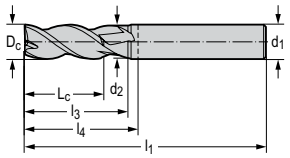




	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

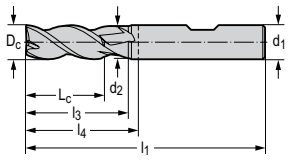
Tool

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-02.0A3PC-	2	0.1	5	8	1.9	57	21	6	3	☺
MD340-03.0A3PC-	3	0.1	7	11	2.9	57	21	6	3	☺
MD340-04.0A3PC-	4	0.1	9	15	3.8	57	21	6	3	☺
MD340-05.0A3PC-	5	0.1	11	16	4.8	57	21	6	3	☺
MD340-06.0A3PC-	6	0.12	13	19	5.7	57	21	6	3	☺
MD340-08.0A3PC-	8	0.16	18	25	7.6	63	27	8	3	☺
MD340-10.0A3PC-	10	0.2	22	30	9.5	72	32	10	3	☺
MD340-12.0A3PC-	12	0.24	26	36	11.4	83	38	12	3	☺
MD340-16.0A3PC-	16	0.32	34	42	15.2	92	44	16	3	☺
MD340-20.0A3PC-	20	0.4	42	52	19	104	54	20	3	☺



DIN 6535 HA

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-10.0W3PC-	10	0.2	22	30	9.5	72	32	10	3	☺
MD340-12.0W3PC-	12	0.24	26	36	11.4	83	38	12	3	☺
MD340-16.0W3PC-	16	0.32	34	42	15.2	92	44	16	3	☺
MD340-20.0W3PC-	20	0.4	42	52	19	104	54	20	3	☺



DIN 6535 HB

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-02.0A3PC-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

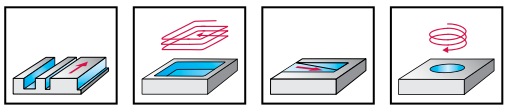
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



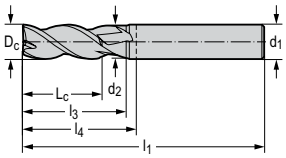
– Reduced neck
– l_{11} - Corner Chamfer





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	l_{11} inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340,1.58A3PC-	1/16"	0.0625		0.164	0.246	0.059	2.000	0.583	0.250	3	
MD340,2.38A3PC-	3/32"	0.0937	0.004	0.227	0.34	0.090	2.500	1.083	0.250	3	
MD340,3.18A3PC-	1/8"	0.1250	0.004	0.289	0.434	0.119	2.500	1.083	0.250	3	
MD340,4.76A3PC-	3/16"	0.1875	0.004	0.414	0.622	0.178	2.500	1.083	0.250	3	
MD340,6.35A3PC-	1/4"	0.2500	0.005	0.539	0.809	0.238	3.000	1.437	0.375	3	
MD340,7.93A3PC-	5/16"	0.3125	0.006	0.664	0.996	0.297	3.000	1.437	0.375	3	
MD340,9.53A3PC-	3/8"	0.3750	0.007	0.829	1.243	0.356	3.000	1.437	0.375	3	
MD340,11.1A3PC-	7/16"	0.4375	0.009	0.954	1.43	0.416	3.500	1.717	0.500	3	
MD340,12.7A3PC-	1/2"	0.5000	0.010	1.079	1.43	0.475	3.500	1.717	0.500	3	
MD340,15.9A3PC-	5/8"	0.6250	0.013	1.329	1.535	0.594	3.500	1.594	0.625	3	
MD340,19.1A3PC-	3/4"	0.7500	0.015	1.579	1.890	0.713	4.000	1.969	0.750	3	

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340,1.58A3PC-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

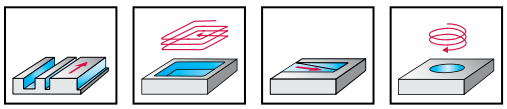
😊 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



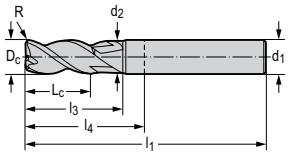
– Reduced neck
– Corner radius





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340,6.35A3P038C-	1/4"	0.2500	0.015	0.539	0.809	0.238	3.000	1.437	0.375	3	
MD340,6.35A3P076C-	1/4"	0.2500	0.030	0.539	0.809	0.238	3.000	1.437	0.375	3	
MD340,9.53A3P038C-	3/8"	0.3750	0.015	0.829	1.243	0.356	3.000	1.437	0.375	3	
MD340,9.53A3P076C-	3/8"	0.3750	0.030	0.829	1.243	0.356	3.000	1.437	0.375	3	
MD340,12.7A3P076C-	1/2"	0.5000	0.030	0.954	1.43	0.475	3.500	1.717	0.500	3	
MD340,12.7A3P152C-	1/2"	0.5000	0.060	0.954	1.43	0.475	3.500	1.717	0.500	3	
MD340,19.1A3P076C-	3/4"	0.7500	0.030	1.579	1.890	0.713	4.000	1.969	0.750	3	
MD340,19.1A3P152C-	3/4"	0.7500	0.060	1.579	1.890	0.713	4.000	1.969	0.750	3	

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340,12.7A3P076C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

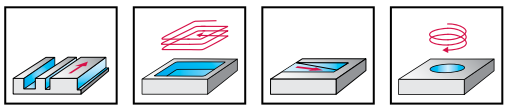
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



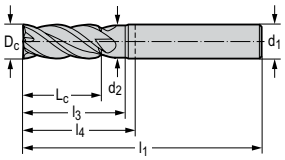

– Reduced neck
– l_{11} - Corner Chamfer





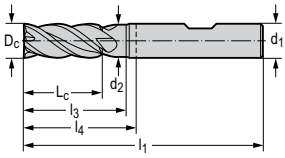
	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-03.0A4BC-	3	0.1	5	9	2.9	57	21	6	4	☺
MD340-04.0A4BC-	4	0.1	7	11	3.8	57	21	6	4	☺
MD340-05.0A4BC-	5	0.1	8	14	4.8	57	21	6	4	☺
MD340-06.0A4BC-	6	0.12	10	16	5.7	57	21	6	4	☺
MD340-08.0A4BC-	8	0.16	19	25	7.6	63	27	8	4	☺
MD340-10.0A4BC-	10	0.2	22	30	9.5	72	32	10	4	☺
MD340-12.0A4BC-	12	0.24	26	36	11.4	83	38	12	4	☺
MD340-14.0A4BC-	14	0.28	26	36	13.3	83	38	14	4	☺
MD340-16.0A4BC-	16	0.32	32	42	15.2	92	44	16	4	☺
MD340-18.0A4BC-	18	0.36	32	42	17.1	92	44	18	4	☺
MD340-20.0A4BC-	20	0.4	38	52	19	104	54	20	4	☺



DIN 6535 HB

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-10.0W4BC-	10	0.2	22	30	9.5	72	32	10	4	☺
MD340-12.0W4BC-	12	0.24	26	36	11.4	83	38	12	4	☺
MD340-14.0W4BC-	14	0.28	26	36	13.3	83	38	14	4	☺
MD340-16.0W4BC-	16	0.32	32	42	15.2	92	44	16	4	☺
MD340-18.0W4BC-	18	0.36	32	42	17.1	92	44	18	4	☺
MD340-20.0W4BC-	20	0.4	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-03.0A4BC-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

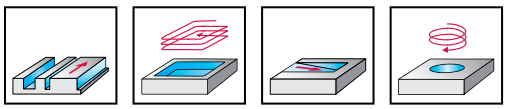
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



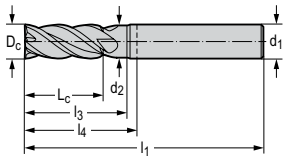
– Reduced neck
– l_{11} - Corner Chamfer





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	l_{11} inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340,6.35A4DC-	1/4"	0.2500	0.005	0.405	0.607	0.238	3.000	1.437	0.375	4	☺
MD340,7.93A4DC-	5/16"	0.3125	0.006	0.506	0.759	0.297	3.000	1.437	0.375	4	☺
MD340,9.53A4DC-	3/8"	0.3750	0.007	0.608	0.911	0.356	3.000	1.437	0.375	4	☺
MD340,12.7A4DC-	1/2"	0.5000	0.010	0.810	1.215	0.475	3.500	1.717	0.500	4	☺
MD340,15.9A4DC-	5/8"	0.6250	0.013	1.013	1.519	0.594	3.500	1.594	0.625	4	☺
MD340,19.1A4DC-	3/4"	0.7500	0.015	1.215	1.822	0.713	4.000	1.969	0.750	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340,12.7A4DC-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

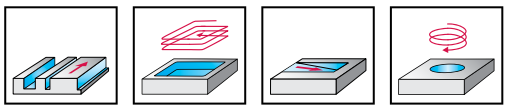
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



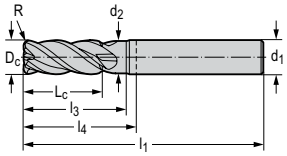

– Reduced neck
– Corner radius





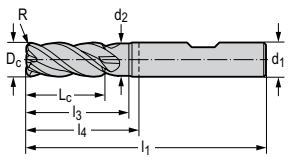
	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-03.0A4B020C-	3	0.2	5	9	2.9	57	21	6	4	☺
MD340-03.0A4B050C-	3	0.5	5	9	2.9	57	21	6	4	☺
MD340-04.0A4B020C-	4	0.2	7	11	3.8	57	21	6	4	☺
MD340-04.0A4B050C-	4	0.5	7	11	3.8	57	21	6	4	☺
MD340-05.0A4B050C-	5	0.5	8	14	4.8	57	21	6	4	☺
MD340-05.0A4B100C-	5	1	8	14	4.8	57	21	6	4	☺
MD340-06.0A4B050C-	6	0.5	10	16	5.7	57	21	6	4	☺
MD340-06.0A4B100C-	6	1	10	16	5.7	57	21	6	4	☺
MD340-08.0A4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
MD340-08.0A4B100C-	8	1	19	25	7.6	63	27	8	4	☺
MD340-08.0A4B200C-	8	2	19	25	7.6	63	27	8	4	☺
MD340-10.0A4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MD340-10.0A4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MD340-10.0A4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MD340-12.0A4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MD340-12.0A4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MD340-12.0A4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MD340-16.0A4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MD340-16.0A4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MD340-16.0A4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MD340-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
MD340-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺
MD340-20.0A4B400C-	20	4	38	52	19	104	54	20	4	☺



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MD340-10.0W4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MD340-10.0W4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MD340-12.0W4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MD340-12.0W4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MD340-12.0W4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MD340-16.0W4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MD340-16.0W4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MD340-16.0W4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MD340-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
MD340-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-03.0A4B020C-WK40TP

D1

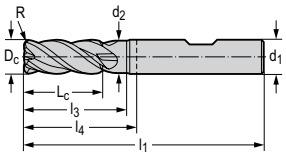
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tool

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
 MD340-20.0W4B400C-	20	4	38	52	19	104	54	20	4	●

DIN 6535 HB

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-03.0A4B020C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

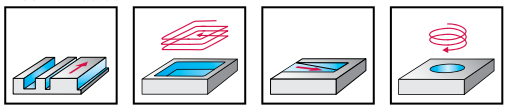
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



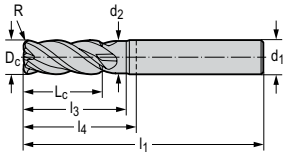
– Reduced neck
– Corner radius





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340,6.35A4D038C-	1/4"	0.2500	0.015	0.405	0.607	0.238	3.000	1.437	0.375	4	☺
MD340,6.35A4D076C-	1/4"	0.2500	0.030	0.405	0.607	0.238	3.000	1.437	0.375	4	☺
MD340,9.53A4D038C-	3/8"	0.3750	0.015	0.608	0.911	0.356	3.000	1.437	0.375	4	☺
MD340,9.53A4D076C-	3/8"	0.3750	0.030	0.608	0.911	0.356	3.000	1.437	0.375	4	☺
MD340,12.7A4D076C-	1/2"	0.5000	0.030	0.810	1.215	0.475	3.500	1.717	0.500	4	☺
MD340,12.7A4D152C-	1/2"	0.5000	0.060	0.810	1.215	0.475	3.500	1.717	0.500	4	☺
MD340,15.9A4D076C-	5/8"	0.6250	0.030	1.013	1.519	0.594	3.500	1.594	0.625	4	☺
MD340,15.9A4D152C-	5/8"	0.6250	0.060	1.013	1.519	0.594	3.500	1.594	0.625	4	☺
MD340,19.1A4D076C-	3/4"	0.7500	0.030	1.215	1.822	0.713	4.000	1.969	0.750	4	☺
MD340,19.1A4D152C-	3/4"	0.7500	0.060	1.215	1.822	0.713	4.000	1.969	0.750	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340,12.7A4D076C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

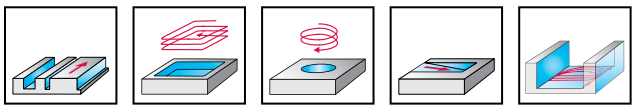
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



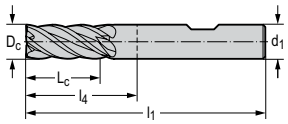
– l_{11} - Corner Chamfer





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-06.0W5B-	6	0.12	13	57	21	6	5	
MD340-08.0W5B-	8	0.16	19	63	27	8	5	
MD340-10.0W5B-	10	0.2	22	72	32	10	5	
MD340-12.0W5B-	12	0.24	26	83	38	12	5	
MD340-16.0W5B-	16	0.32	32	92	44	16	5	
MD340-20.0W5B-	20	0.4	38	104	54	20	5	
MD340-25.0W5B-	25	0.5	45	121	65	25	5	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-06.0W5B-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

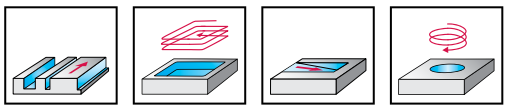
New addition to the product range = / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



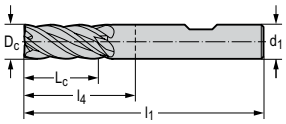
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9	D_c h9 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340,9.53W5D-	3/8"	0.3750	0.007	0.875	3.000	1.437	0.375	5	
MD340,12.7W5D-	1/2"	0.5000	0.010	1.063	3.500	1.717	0.500	5	
MD340,15.9W5D-	5/8"	0.6250	0.013	1.250	3.500	1.594	0.625	5	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340,12.7W5D-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

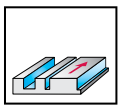
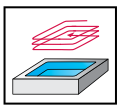
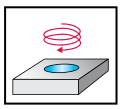
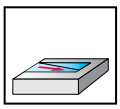
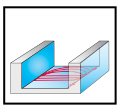
Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



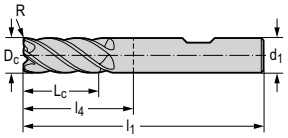

– Corner radius



	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

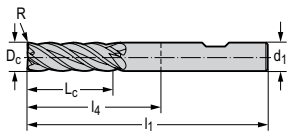
Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-06.0W5B050-	6	0.5	13	57	21	6	5	😐
MD340-06.0W5B100-	6	1	13	57	21	6	5	😐
MD340-08.0W5B050-	8	0.5	19	63	27	8	5	😐
MD340-08.0W5B100-	8	1	19	63	27	8	5	😐
MD340-08.0W5B200-	8	2	19	63	27	8	5	😐
MD340-10.0W5B050-	10	0.5	22	72	32	10	5	😐
MD340-10.0W5B100-	10	1	22	72	32	10	5	😐
MD340-10.0W5B200-	10	2	22	72	32	10	5	😐
MD340-12.0W5B050-	12	0.5	26	83	38	12	5	😐
MD340-12.0W5B100-	12	1	26	83	38	12	5	😐
MD340-12.0W5B200-	12	2	26	83	38	12	5	😐
MD340-16.0W5B050-	16	0.5	32	92	44	16	5	😐
MD340-16.0W5B100-	16	1	32	92	44	16	5	😐
MD340-16.0W5B200-	16	2	32	92	44	16	5	😐

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_a$ | Ordering example for the grade WK40TP: MD340-06.0W5B050-WK40TP



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-06.0W5L030J-	6	0.3	18	65	29	6	5	😐
MD340-08.0W5L040J-	8	0.4	24	80	44	8	5	😐
MD340-10.0W5L050J-	10	0.5	30	100	60	10	5	😐
MD340-12.0W5L060J-	12	0.6	36	100	55	12	5	😐
MD340-16.0W5L080J-	16	0.8	48	115	67	16	5	😐
MD340-20.0W5L100J-	20	1	60	125	75	20	5	😐

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_a$ | Ordering example for the grade WK40TP: MD340-06.0W5B050-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😵 machining conditions

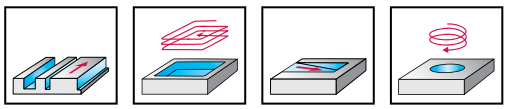
New addition to the product range = 😊 😐 😵 / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



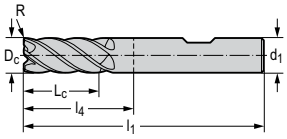
– Corner radius





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340,9.53W5D076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	5	☺
MD340,12.7W5D076-	1/2"	0.5000	0.030	1.063	3.500	1.717	0.500	5	☺
MD340,12.7W5D152-	1/2"	0.5000	0.060	1.063	3.500	1.717	0.500	5	☺
MD340,19.1W5D076-	3/4"	0.7500	0.030	1.500	4.000	1.969	0.750	5	☺
MD340,19.1W5D152-	3/4"	0.7500	0.060	1.500	4.000	1.969	0.750	5	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340,12.7W5D076-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

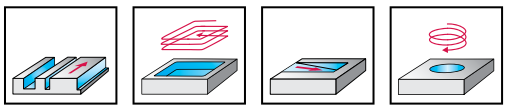
Solid carbide shoulder/slot milling cutters

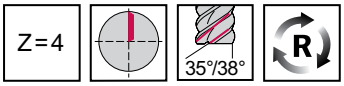
H2034217 / H2134217 mm

Proto·max™ Inox

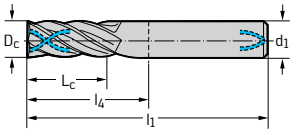
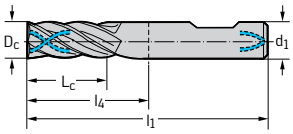


– l_{11} - Corner chamfer





TAA	P	M	K	N	S	H	O
		●●			●		

Tool	Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
 DIN 6535 HA	H2034217-6	6	0,1	13	57	21	6	4
	H2034217-8	8	0,1	19	63	27	8	4
	H2034217-10	10	0,1	22	72	32	10	4
	H2034217-12	12	0,1	26	83	38	12	4
	H2034217-14	14	0,15	26	83	38	14	4
	H2034217-16	16	0,15	32	92	44	16	4
	H2034217-20	20	0,15	38	104	54	20	4
 DIN 6535 HB	H2134217-10	10	0,1	22	72	32	10	4
	H2134217-12	12	0,1	26	83	38	12	4
	H2134217-14	14	0,15	26	83	38	14	4
	H2134217-16	16	0,15	32	92	44	16	4
	H2134217-18	18	0,15	32	92	44	18	4
	H2134217-20	20	0,15	38	104	54	20	4

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

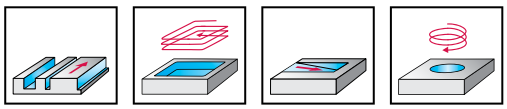
Solid carbide shoulder/slot milling cutter

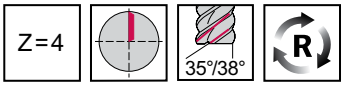
AH2034217 inch

Proto·max™ Inox



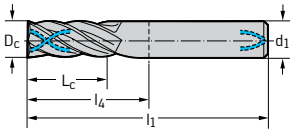
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
TAA		●●			●		

Tool



Cylindrical shank

Designation	D_c h10	D_c h10 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z
AH2034217-1/4	1/4"	0,2500	0,004	0,750	2,500	1,083	0,250	4
AH2034217-3/8	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	4
AH2034217-1/2	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4
AH2034217-5/8	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	4
AH2034217-3/4	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	4

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

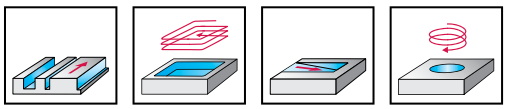
Solid carbide shoulder/slot milling cutters

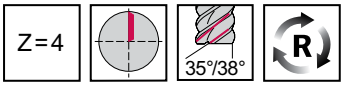
H2038217 / H2138217 mm

Proto·max™ Inox

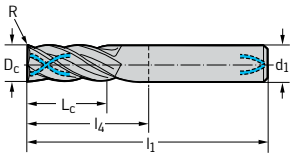
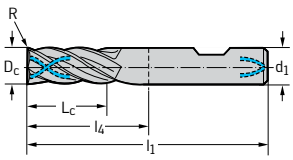


– Corner radius





TAA	P	M	K	N	S	H	O
		●●			●		

Tool	Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
 DIN 6535 HA	H2038217-6-0.5	6	0,5	13	57	21	6	4
	H2038217-6-1	6	1	13	57	21	6	4
	H2038217-8-0.5	8	0,5	19	63	27	8	4
	H2038217-8-1	8	1	19	63	27	8	4
	H2038217-8-2	8	2	19	63	27	8	4
	H2038217-10-0.5	10	0,5	22	72	32	10	4
	H2038217-10-1	10	1	22	72	32	10	4
	H2038217-10-2	10	2	22	72	32	10	4
	H2038217-10-3	10	3	22	72	32	10	4
	H2038217-12-0.5	12	0,5	26	83	38	12	4
	H2038217-12-1	12	1	26	83	38	12	4
	H2038217-12-2	12	2	26	83	38	12	4
	H2038217-12-3	12	3	26	83	38	12	4
	H2038217-16-0.5	16	0,5	32	92	44	16	4
	H2038217-16-1	16	1	32	92	44	16	4
	H2038217-16-2	16	2	32	92	44	16	4
	H2038217-16-3	16	3	32	92	44	16	4
	H2038217-20-1	20	1	38	104	54	20	4
	H2038217-20-2	20	2	38	104	54	20	4
 DIN 6535 HB	H2138217-10-0.5	10	0,5	22	72	32	10	4
	H2138217-10-1	10	1	22	72	32	10	4
	H2138217-10-2	10	2	22	72	32	10	4
	H2138217-12-0.5	12	0,5	26	83	38	12	4
	H2138217-12-1	12	1	26	83	38	12	4
	H2138217-12-2	12	2	26	83	38	12	4
	H2138217-12-3	12	3	26	83	38	12	4
	H2138217-16-0.5	16	0,5	32	92	44	16	4
	H2138217-16-1	16	1	32	92	44	16	4
	H2138217-16-2	16	2	32	92	44	16	4
	H2138217-16-3	16	3	32	92	44	16	4
	H2138217-20-1	20	1	38	104	54	20	4
	H2138217-20-2	20	2	38	104	54	20	4
	H2138217-20-3	20	3	38	104	54	20	4
	H2138217-20-4	20	4	38	104	54	20	4

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

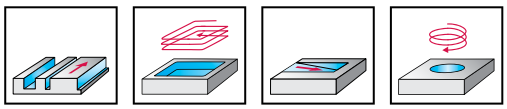
New addition to the product range = ☺ 😐 ☹ / ★

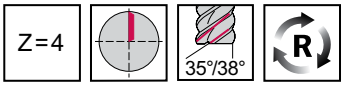
Solid carbide shoulder/slot milling cutters

MC251 Advance mm



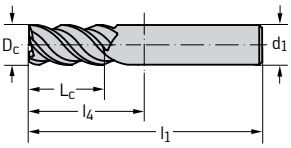
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40RC (TiAlN)		●●			●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40RC
MC251-03.0-A4B-	3		8	57	21	6	4	
MC251-04.0-A4B-	4	0,1	11	57	21	6	4	
MC251-05.0-A4B-	5	0,1	13	57	21	6	4	
MC251-06.0-A4B-	6	0,1	13	57	21	6	4	
MC251-08.0-A4B-	8	0,1	19	63	27	8	4	
MC251-10.0-A4B-	10	0,1	22	72	32	10	4	
MC251-12.0-A4B-	12	0,1	26	83	38	12	4	
MC251-16.0-A4B-	16	0,15	32	92	44	16	4	
MC251-20.0-A4B-	20	0,15	38	104	54	20	4	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40RC: MC251-03.0-A4B-WK40RC

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

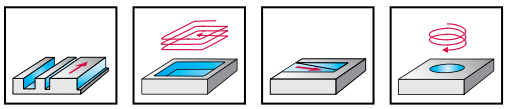
☺ 😐 ☹ / ★ = New addition to the product range

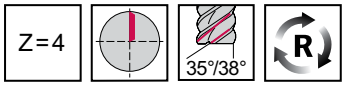
Solid carbide shoulder/slot milling cutters

MC251 Advance mm



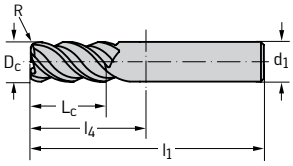
– Corner radius





	P	M	K	N	S	H	O
WK40RC (TiAlN)		●●			●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40RC
MC251-03.0-A4B020-	3	0,2	8	57	21	6	4	☺
MC251-03.0-A4B050-	3	0,5	8	57	21	6	4	☺
MC251-04.0-A4B020-	4	0,2	11	57	21	6	4	☺
MC251-04.0-A4B050-	4	0,5	11	57	21	6	4	☺
MC251-05.0-A4B050-	5	0,5	13	57	21	6	4	☺
MC251-05.0-A4B100-	5	1	13	57	21	6	4	☺
MC251-06.0-A4B050-	6	0,5	13	57	21	6	4	☺
MC251-06.0-A4B100-	6	1	13	57	21	6	4	☺
MC251-08.0-A4B050-	8	0,5	19	63	27	8	4	☺
MC251-08.0-A4B100-	8	1	19	63	27	8	4	☺
MC251-08.0-A4B200-	8	2	19	63	27	8	4	☺
MC251-10.0-A4B050-	10	0,5	22	72	32	10	4	☺
MC251-10.0-A4B100-	10	1	22	72	32	10	4	☺
MC251-10.0-A4B200-	10	2	22	72	32	10	4	☺
MC251-10.0-A4B300-	10	3	22	72	32	10	4	☺
MC251-12.0-A4B050-	12	0,5	26	83	38	12	4	☺
MC251-12.0-A4B100-	12	1	26	83	38	12	4	☺
MC251-12.0-A4B165-	12	1,65	26	83	38	12	4	☺
MC251-12.0-A4B200-	12	2	26	83	38	12	4	☺
MC251-12.0-A4B300-	12	3	26	83	38	12	4	☺
MC251-16.0-A4B050-	16	0,5	32	92	44	16	4	☺
MC251-16.0-A4B100-	16	1	32	92	44	16	4	☺
MC251-16.0-A4B200-	16	2	32	92	44	16	4	☺
MC251-20.0-A4B100-	20	1	38	104	54	20	4	☺
MC251-20.0-A4B165-	20	1,65	38	104	54	20	4	☺
MC251-20.0-A4B600-	20	6	38	104	54	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40RC: MC251-03.0-A4B020-WK40RC

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

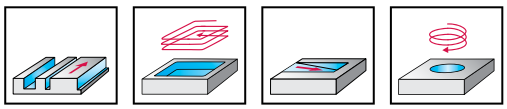
New addition to the product range = ☺ 😐 ☹ / ★

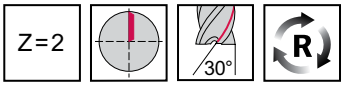
Solid carbide shoulder/slot milling cutters

MD266 Supreme mm



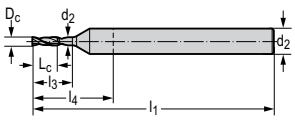
– Reduced neck
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

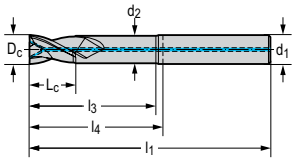
Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
MD266-02.0A2BE-	2		6	10	57	20	1.9	6	2	☺
MD266-03.0A2BD-	3		7.5	12	57	20	2.9	6	2	☺
MD266-04.0A2BD-	4	0.1	8	16	57	20	3.8	6	2	☺
MD266-05.0A2BC-	5	0.1	10	18	57	20	4.8	6	2	☺
MD266-05.0A2LD-	5	0.1	7.5	20	65	26	4.8	6	2	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-02.0A2BE-WJ30UU



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
MD266-06.0A2LD-	6	0.1	10.5	25	65	26	5.7	6	2	☺
MD266-08.0A2LE-	8	0.1	12	42	80	43	7.6	8	2	☺
MD266-10.0A2BC-	10	0.1	20	30	72	31	9.5	10	2	☺
MD266-10.0A2LD-	10	0.1	15	48	90	49	9.5	10	2	☺
MD266-12.0A2LD-	12	0.1	18	53	100	54	11.4	12	2	☺
MD266-16.0A2LD-	16	0.15	24	65	115	66	15.2	16	2	☺
MD266-20.0A2LC-	20	0.15	25	73	125	74	19	20	2	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-02.0A2BE-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

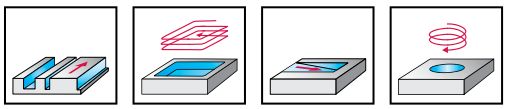
☺ 😐 ☹ / ★ = New addition to the product range

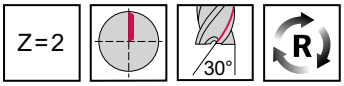
Solid carbide shoulder/slot milling cutters

MD266 Supreme mm



– Reduced neck
– Corner radius
– Long reach

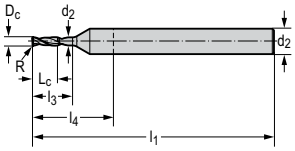




	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool

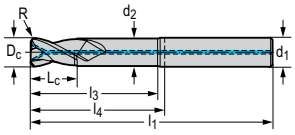
Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
MD266-02.0A2B020E-	2	0.2	6	10	57	20	1.9	6	2	☺
MD266-03.0A2B030D-	3	0.3	7.5	12	57	20	2.9	6	2	☺
MD266-04.0A2B030D-	4	0.3	8	16	57	20	3.8	6	2	☺
MD266-05.0A2B050C-	5	0.5	10	18	57	20	4.8	6	2	☺
MD266-05.0A2L050D-	5	0.5	7.5	20	65	26	4.8	6	2	☺



DIN 6535 HA

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-02.0A2B020E-WJ30UU

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
MD266-06.0A2L050D-	6	0.5	10.5	25	65	26	5.7	6	2	☺
MD266-06.0A2L100D-	6	1	10.5	25	65	26	5.7	6	2	☺
MD266-08.0A2L050E-	8	0.5	12	42	80	43	7.6	8	2	☺
MD266-08.0A2L100E-	8	1	12	42	80	43	7.6	8	2	☺
MD266-08.0A2L200E-	8	2	12	42	80	43	7.6	8	2	☺
MD266-10.0A2B050C-	10	0.5	20	30	72	31	9.5	10	2	☺
MD266-10.0A2B100C-	10	1	20	30	72	31	9.5	10	2	☺
MD266-10.0A2B200C-	10	2	20	30	72	31	9.5	10	2	☺
MD266-10.0A2L050D-	10	0.5	15	48	90	49	9.5	10	2	☺
MD266-10.0A2L100D-	10	1	15	48	90	49	9.5	10	2	☺
MD266-10.0A2L200D-	10	2	15	48	90	49	9.5	10	2	☺
MD266-12.0A2L050D-	12	0.5	18	53	100	54	11.4	12	2	☺
MD266-12.0A2L200D-	12	2	18	53	100	54	11.4	12	2	☺
MD266-12.0A2L300D-	12	3	18	53	100	54	11.4	12	2	☺
MD266-16.0A2L050D-	16	0.5	24	65	115	66	15.2	16	2	☺
MD266-16.0A2L200D-	16	2	24	65	115	66	15.2	16	2	☺
MD266-16.0A2L300D-	16	3	24	65	115	66	15.2	16	2	☺
MD266-16.0A2L400D-	16	4	24	65	115	66	15.2	16	2	☺
MD266-20.0A2L050C-	20	0.5	25	73	125	74	19	20	2	☺
MD266-20.0A2L300C-	20	3	25	73	125	74	19	20	2	☺
MD266-20.0A2L400C-	20	4	25	73	125	74	19	20	2	☺



DIN 6535 HA

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-02.0A2B020E-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

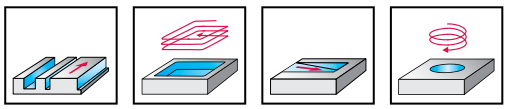
New addition to the product range = ☺ 😐 ☹ / ★

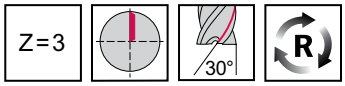
Solid carbide shoulder/slot milling cutters

MD266 Supreme mm



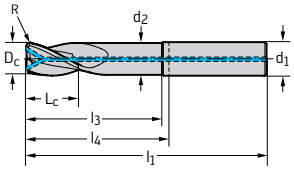
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
MD266-10.0A3B050C-	10	0.5	20	30	72	31	9.5	10	3	☺
MD266-10.0A3B100C-	10	1	20	30	72	31	9.5	10	3	☺
MD266-10.0A3B200C-	10	2	20	30	72	31	9.5	10	3	☺
MD266-10.0A3L050D-	10	0.5	15	48	90	49	9.5	10	3	☺
MD266-10.0A3L100D-	10	1	15	48	90	49	9.5	10	3	☺
MD266-10.0A3L200D-	10	2	15	48	90	49	9.5	10	3	☺
MD266-12.0A3B050C-	12	0.5	24	36	83	37	11.4	12	3	☺
MD266-12.0A3B200C-	12	2	24	36	83	37	11.4	12	3	☺
MD266-12.0A3B300C-	12	3	24	36	83	37	11.4	12	3	☺
MD266-12.0A3L050D-	12	0.5	18	53	100	54	11.4	12	3	☺
MD266-12.0A3L200D-	12	2	18	53	100	54	11.4	12	3	☺
MD266-12.0A3L300D-	12	3	18	53	100	54	11.4	12	3	☺
MD266-12.0A3X050E-	12	0.5	12	68	115	69	11.4	12	3	☺
MD266-12.0A3X200E-	12	2	12	68	115	69	11.4	12	3	☺
MD266-12.0A3X300E-	12	3	12	68	115	69	11.4	12	3	☺
MD266-16.0A3B050C-	16	0.5	32	42	92	43	15.2	16	3	☺
MD266-16.0A3B200C-	16	2	32	42	92	43	15.2	16	3	☺
MD266-16.0A3B300C-	16	3	32	42	92	43	15.2	16	3	☺
MD266-16.0A3B400C-	16	4	32	42	92	43	15.2	16	3	☺
MD266-16.0A3L050D-	16	0.5	24	65	115	66	15.2	16	3	☺
MD266-16.0A3L200D-	16	2	24	65	115	66	15.2	16	3	☺
MD266-16.0A3L300D-	16	3	24	65	115	66	15.2	16	3	☺
MD266-16.0A3L400D-	16	4	24	65	115	66	15.2	16	3	☺
MD266-16.0A3X050E-	16	0.5	16	80	130	81	15.2	16	3	☺
MD266-16.0A3X200E-	16	2	16	80	130	81	15.2	16	3	☺
MD266-16.0A3X300E-	16	3	16	80	130	81	15.2	16	3	☺
MD266-16.0A3X400E-	16	4	16	80	130	81	15.2	16	3	☺
MD266-20.0A3L050C-	20	0.5	25	73	125	74	19	20	3	☺
MD266-20.0A3L300C-	20	3	25	73	125	74	19	20	3	☺
MD266-20.0A3L400C-	20	4	25	73	125	74	19	20	3	☺
MD266-20.0A3X050D-	20	0.5	20	88	140	89	19	20	3	☺
MD266-20.0A3X300D-	20	3	20	88	140	89	19	20	3	☺
MD266-20.0A3X400D-	20	4	20	88	140	89	19	20	3	☺
MD266-25.0A3B050B-	25	0.5	43.75	52	110	53	23.8	25	3	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-10.0A3B050C-WJ30UU

D1

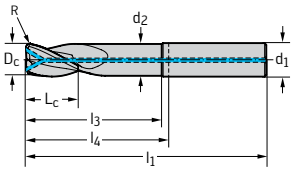
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
MD266-25.0A3B300B-	25	3	43.75	52	110	53	23.8	25	3	☺
MD266-25.0A3B400B-	25	4	43.75	52	110	53	23.8	25	3	☺
MD266-25.0A3L050B-	25	0.5	37.5	72	130	73	23.8	25	3	☺
MD266-25.0A3L300B-	25	3	37.5	72	130	73	23.8	25	3	☺
MD266-25.0A3L400B-	25	4	37.5	72	130	73	23.8	25	3	☺
MD266-25.0A3X050C-	25	0.5	25	92	150	93	23.8	25	3	☺
MD266-25.0A3X300C-	25	3	25	92	150	93	23.8	25	3	☺
MD266-25.0A3X400C-	25	4	25	92	150	93	23.8	25	3	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-10.0A3B050C-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

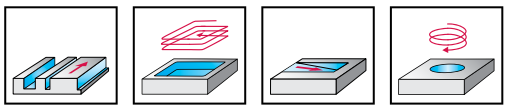
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC267 Advance mm



– l_{11} - Corner chamfer
– Type AI 45



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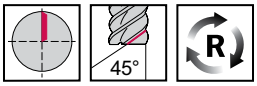
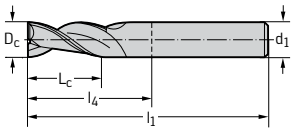


	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30UU
MC267-01.0A2B-	1		3	21	57	6	2	☺
MC267-01.5A2B-	1.5		3	21	57	6	2	☺
MC267-02.0A2B-	2		6	21	57	6	2	☺
MC267-02.5A2B-	2.5		7	21	57	6	2	☺
MC267-03.0A2B-	3		7	21	57	6	2	☺
MC267-03.5A2B-	3.5		7	21	57	6	2	☺
MC267-04.0A2B-	4	0.1	8	21	57	6	2	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-01.0A2B-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

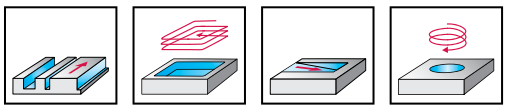
☺ 😐 ☹ / ★ = New addition to the product range

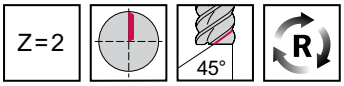
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



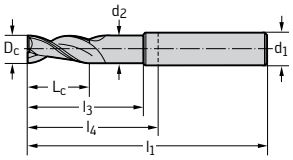
– Reduced neck
– l_{11} - Corner chamfer
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 mm	Z	WJ30UU
MC267-01.0A2BC-	1		3	7	21	57	1	6	2	☻
MC267-01.5A2BC-	1.5		3	7	21	57	1.4	6	2	☻
MC267-02.0A2BC-	2		6	10	21	57	1.9	6	2	☻
MC267-02.5A2BC-	2.5		7	10	21	57	2.4	6	2	☻
MC267-03.0A2BC-	3		7	10	21	57	2.9	6	2	☻
MC267-03.5A2BC-	3.5		7	15	21	57	3.3	6	2	☻
MC267-04.0A2BC-	4	0.1	8	15	21	57	3.8	6	2	☻
MC267-05.0A2BC-	5	0.1	10	16	21	57	4.8	6	2	☻
MC267-06.0A2BC-	6	0.1	10	19	21	57	5.7	6	2	☻
MC267-08.0A2BC-	8	0.1	16	25	27	63	7.6	8	2	☻
MC267-10.0A2BC-	10	0.1	19	30	32	72	9.5	10	2	☻
MC267-12.0A2BC-	12	0.1	22	36	38	83	11.4	12	2	☻
MC267-16.0A2BC-	16	0.15	26	42	44	92	15.2	16	2	☻
MC267-20.0A2BC-	20	0.15	32	52	54	104	19	20	2	☻

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-01.0A2BC-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

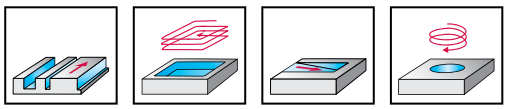
New addition to the product range = ☻ 😐 ☹ / ★

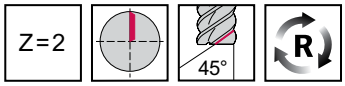
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



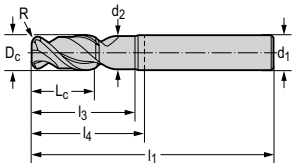
– Corner radius
– Reduced neck
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 mm	Z	WJ30UU
MC267-05.0A2B050C-	5	0.5	10	16	21	57	4.8	6	2	☺
MC267-06.0A2B050C-	6	0.5	10	19	21	57	5.7	6	2	☺
MC267-08.0A2B050C-	8	0.5	16	25	27	63	7.6	8	2	☺
MC267-10.0A2B050C-	10	0.5	19	30	32	72	9.5	10	2	☺
MC267-10.0A2B100C-	10	1	19	30	32	72	9.5	10	2	☺
MC267-10.0A2B200C-	10	2	19	30	32	72	9.5	10	2	☺
MC267-12.0A2B050C-	12	0.5	22	36	38	83	11.4	12	2	☺
MC267-12.0A2B100C-	12	1	22	36	38	83	11.4	12	2	☺
MC267-12.0A2B200C-	12	2	22	36	38	83	11.4	12	2	☺
MC267-12.0A2B300C-	12	3	22	36	38	83	11.4	12	2	☺
MC267-16.0A2B050C-	16	0.5	26	42	44	92	15.2	16	2	☺
MC267-16.0A2B300C-	16	3	26	42	44	92	15.2	16	2	☺
MC267-16.0A2B400C-	16	4	26	42	44	92	15.2	16	2	☺
MC267-20.0A2B050C-	20	0.5	32	52	54	104	19	20	2	☺
MC267-20.0A2B300C-	20	3	32	52	54	104	19	20	2	☺
MC267-20.0A2B400C-	20	4	32	52	54	104	19	20	2	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-05.0A2B050C-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

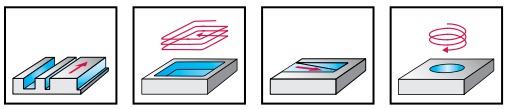
☺ 😐 ☹ / ★ = New addition to the product range

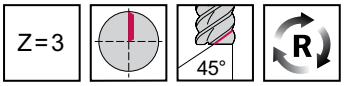
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



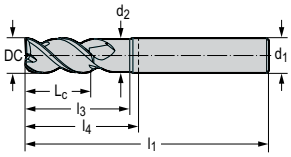
– Reduced neck
– l_{11} - Corner chamfer
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 mm	Z	WJ30UU
★ MC267-01.0A3BC-	1		3	7	21	57	1	6	3	☺
★ MC267-01.5A3BC-	1.5		4.5	8	21	57	1.4	6	3	☺
★ MC267-02.0A3BC-	2		6	10	21	57	1.9	6	3	☺
★ MC267-02.5A3BC-	2.5		7	10	21	57	2.4	6	3	☺
★ MC267-03.0A3BC-	3		7	10	21	57	2.9	6	3	☺
★ MC267-04.0A3BC-	4	0.1	8	15	21	57	3.8	6	3	☺
★ MC267-05.0A3BC-	5	0.1	10	16	21	57	4.8	6	3	☺
★ MC267-06.0A3BC-	6	0.1	10	19	21	57	5.7	6	3	☺
★ MC267-08.0A3BC-	8	0.1	16	25	27	63	7.6	8	3	☺
★ MC267-10.0A3BC-	10	0.1	19	30	32	72	9.5	10	3	☺
★ MC267-12.0A3BC-	12	0.1	22	36	38	83	11.4	12	3	☺
★ MC267-16.0A3BC-	16	0.15	26	42	44	92	15.2	16	3	☺
★ MC267-20.0A3BC-	20	0.15	32	52	54	104	19	20	3	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-01.0A3BC-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

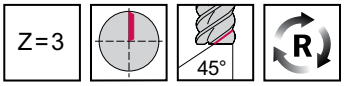
New addition to the product range = ☺ 😐 ☹ / ★

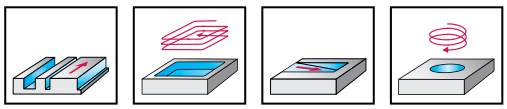
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



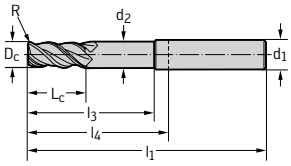
– Reduced neck
– Corner radius
– Type Al 45





	P	M	K	N	S	H	O
WJ30CA (CrN)				●●			
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 mm	Z	WJ30CA	WJ30UU
MC267-01.0A3B020C-	1	0.2	3	7	21	57	1	6	3	☺	☺
MC267-02.0A3B020C-	2	0.2	6	10	21	57	1.9	6	3	☺	☺
MC267-03.0A3B020C-	3	0.2	7	10	21	57	2.9	6	3	☺	☺
MC267-04.0A3B030C-	4	0.3	8	15	21	57	3.8	6	3	☺	☺
MC267-05.0A3B050C-	5	0.5	10	16	21	57	4.8	6	3	☺	☺
MC267-06.0A3B050C-	6	0.5	10	19	21	57	5.7	6	3	☺	☺
MC267-08.0A3B050C-	8	0.5	16	25	27	63	7.6	8	3	☺	☺
MC267-10.0A3B050C-	10	0.5	19	30	32	72	9.5	10	3	☺	☺
MC267-12.0A3B050C-	12	0.5	22	36	38	83	11.4	12	3	☺	☺
MC267-16.0A3B050C-	16	0.5	26	42	44	92	15.2	16	3	☺	☺
MC267-20.0A3B050C-	20	0.5	32	52	54	104	19	20	3	☺	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30CA: MC267-01.0A3B020C-WJ30CA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

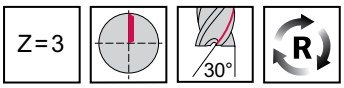
☺ 😐 ☹ / ★ = New addition to the product range

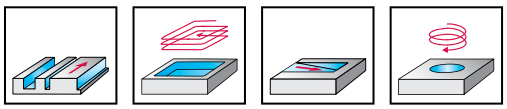
Solid carbide shoulder/slot milling cutters

MD265 Supreme mm



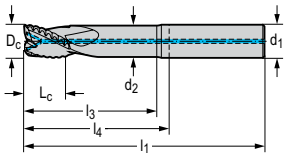
– Reduced neck
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WJ30DD (NHC)				●●			
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WJ30DD	WJ30UU
MD265-16.0A3BC-	16	0.39	24	42	15.2	92	44	16	3	☻	☻
MD265-16.0A3LD-	16	0.39	20	65	15.2	115	67	16	3		☻
MD265-20.0A3BC-	20	0.39	35	52	19	104	54	20	3	☻	☻
MD265-20.0A3LC-	20	0.39	25	73	19	125	75	20	3		☻
MD265-20.0A3XD-	20	0.39	20	88	19	140	90	20	3		☻
MD265-25.0A3BC-	25	0.39	40	52	23.8	110	54	25	3	☻	☻
MD265-25.0A3LB-	25	0.39	31	72	23.8	130	74	25	3		☻
MD265-25.0A3XC-	25	0.39	25	92	23.8	150	94	25	3		☻

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30DD: MD265-16.0A3BC-WJ30DD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

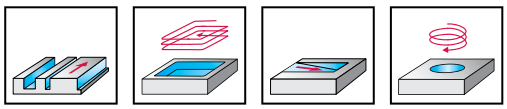
New addition to the product range = ☻ 😐 ☹ / ★

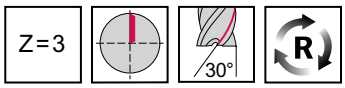
Solid carbide shoulder/slot milling cutters

MD265 Supreme mm



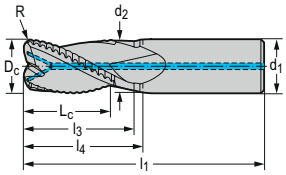
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30DD (NHC)				●●			
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WJ30DD	WJ30UU
MD265-16.0A3B200C-	16	2	24	42	15.2	92	44	16	3	☻	☻
★ MD265-16.0A3L200D-	16	2	20	65	15.2	115	67	16	3	☻	☻
MD265-16.0A3B300C-	16	3	24	42	15.2	92	44	16	3	☻	☻
MD265-16.0A3L300D-	16	3	20	65	15.2	115	67	16	3		☻
MD265-16.0A3B400C-	16	4	24	42	15.2	92	44	16	3	☻	☻
MD265-16.0A3L400D-	16	4	20	65	15.2	115	67	16	3		☻
MD265-20.0A3B200C-	20	2	35	52	19	104	54	20	3	☻	☻
★ MD265-20.0A3L200C-	20	2	25	73	19	125	75	20	3	☻	☻
★ MD265-20.0A3X200D-	20	2	20	88	19	140	90	20	3	☻	☻
MD265-20.0A3B300C-	20	3	35	52	19	104	54	20	3	☻	☻
MD265-20.0A3L300C-	20	3	25	73	19	125	75	20	3		☻
MD265-20.0A3X300D-	20	3	20	88	19	140	90	20	3		☻
MD265-20.0A3B400C-	20	4	35	52	19	104	54	20	3	☻	☻
MD265-20.0A3L400C-	20	4	25	73	19	125	75	20	3		☻
MD265-20.0A3X400D-	20	4	20	88	19	140	90	20	3		☻
MD265-25.0A3B200C-	25	2	40	52	23.8	110	54	25	3	☻	☻
MD265-25.0A3L200B-	25	2	31	72	23.8	130	74	25	3		☻
MD265-25.0A3X200C-	25	2	25	92	23.8	150	94	25	3		☻
MD265-25.0A3B300C-	25	3	40	52	23.8	110	54	25	3	☻	☻
MD265-25.0A3L300B-	25	3	31	72	23.8	130	74	25	3		☻
MD265-25.0A3X300C-	25	3	25	92	23.8	150	94	25	3		☻
MD265-25.0A3B400C-	25	4	40	52	23.8	110	54	25	3	☻	☻
MD265-25.0A3L400B-	25	4	31	72	23.8	130	74	25	3		☻
MD265-25.0A3X400C-	25	4	25	92	23.8	150	94	25	3		☻

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30DD: MD265-16.0A3B200C-WJ30DD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

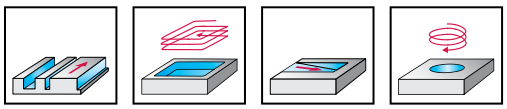
Solid carbide shoulder/slot milling cutters

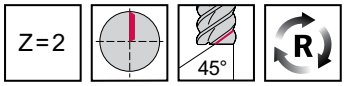
H602551 mm

Protostar®



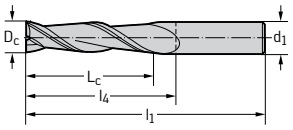
– l_{11} - Corner chamfer
– Type AI 45, long





	P	M	K	N	S	H	O
uncoated				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H602551-6	6	0.1	35	80	44	6	2
H602551-8	8	0.1	45	97	61	8	2
H602551-10	10	0.1	50	118	78	10	2
H602551-12	12	0.1	60	120	75	12	2
H602551-16	16	0.15	65	130	82	16	2
H602551-20	20	0.15	75	145	95	20	2

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

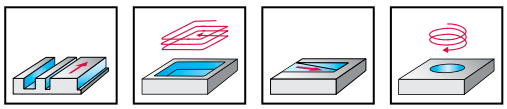
Solid carbide shoulder/slot milling cutters

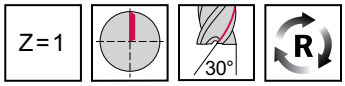
H901451 mm

Protostar®



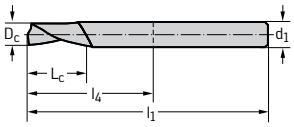
– l_{11} - Corner chamfer
– Type AI 30





	P	M	K	N	S	H	O
uncoated				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H901451-3	3		7	57	21	6	1
H901451-4	4		8	57	21	6	1
H901451-5	5		10	57	21	6	1
H901451-6	6		10	57	21	6	1
H901451-8	8		16	63	27	8	1
H901451-10	10	0.1	19	72	32	10	1

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

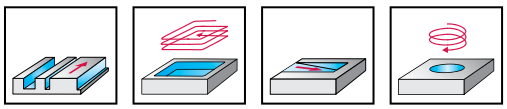
Solid carbide shoulder/slot milling cutters

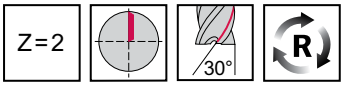
H901411 mm

Protostar®



– l_{11} - Corner chamfer
– Type Al 30

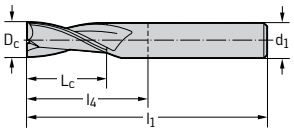




	P	M	K	N	S	H	O
uncoated				●●			

Tool

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H901411-6	6		10	57	21	6	2
H901411-8	8		16	63	27	8	2
H901411-12	12	0.1	22	83	38	12	2



DIN 6535 HA

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

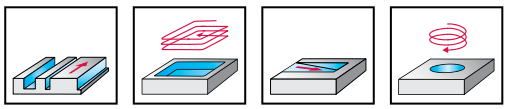
Solid carbide shoulder/slot milling cutters

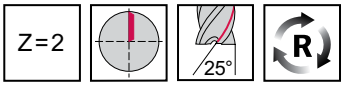
H602641 mm

Protostar®



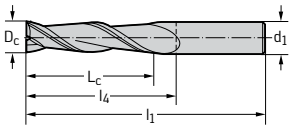
– l_{11} - Corner chamfer
– Type AI 25





	P	M	K	N	S	H	O
uncoated				●●			

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H602641-2	2		8	38	10.5	3	2
H602641-3	3		12	38	12	3	2
H602641-4	4		14	50	22	4	2
H602641-5	5		16	57	21	6	2
H602641-6	6		22	65	29	6	2
H602641-8	8		28	80	44	8	2
H602641-10	10	0.1	32	90	50	10	2
H602641-12	12	0.1	38	100	55	12	2
H602641-16	16	0.15	50	115	67	16	2
H602641-20	20	0.15	50	125	75	20	2

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

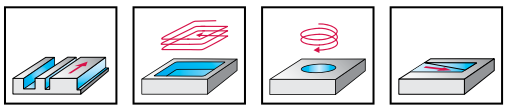
☺ 😐 ☹ / ★ = New addition to the product range

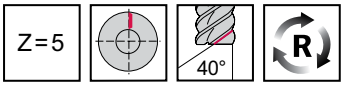
Solid carbide shoulder/slot milling cutter

MD377 Supreme mm



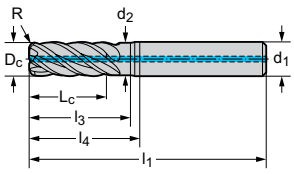

– Reduced neck
– Corner radius
– Optimized for Titanium





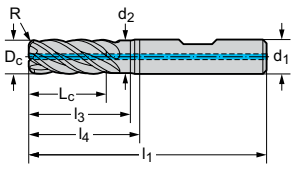
	P	M	K	N	S	H	O
WK40TZ (AlTiN+ZrN)		●			●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TZ
MD377-06.0A5B050C-	6	0.5	13	19	5.7	57	21	6	5	☺
MD377-06.0A5B100C-	6	1	13	19	5.7	57	21	6	5	☺
MD377-08.0A5B050C-	8	0.5	19	25	7.6	63	27	8	5	☺
MD377-08.0A5B100C-	8	1	19	25	7.6	63	27	8	5	☺
MD377-10.0A5B050C-	10	0.5	22	30	9.5	72	32	10	5	☺
MD377-10.0A5B100C-	10	1	22	30	9.5	72	32	10	5	☺
MD377-12.0A5B050C-	12	0.5	26	36	11.4	83	38	12	5	☺
MD377-12.0A5B100C-	12	1	26	36	11.4	83	38	12	5	☺
MD377-12.0A5B200C-	12	2	26	36	11.4	83	38	12	5	☺
MD377-12.0A5B300C-	12	3	26	36	11.4	83	38	12	5	☺
MD377-16.0A5B300C-	16	3	32	42	15.2	92	44	16	5	☺
MD377-16.0A5B400C-	16	4	32	42	15.2	92	44	16	5	☺
MD377-20.0A5B300C-	20	3	38	52	19	104	54	20	5	☺
MD377-20.0A5B400C-	20	4	38	52	19	104	54	20	5	☺
MD377-25.0A5B300C-	25	3	45	63	23.8	121	65	25	5	☺
MD377-25.0A5B400C-	25	4	45	63	23.8	121	65	25	5	☺
MD377-25.0A5B635C-	25	6.35	45	63	23.8	121	65	25	5	☺



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TZ
MD377-16.0W5B300C-	16	3	32	42	15.2	92	44	16	5	☺
MD377-16.0W5B400C-	16	4	32	42	15.2	92	44	16	5	☺
MD377-20.0W5B300C-	20	3	38	52	19	104	54	20	5	☺
MD377-20.0W5B400C-	20	4	38	52	19	104	54	20	5	☺
MD377-25.0W5B300C-	25	3	45	63	23.8	121	65	25	5	☺
MD377-25.0W5B400C-	25	4	45	63	23.8	121	65	25	5	☺

Shoulder milling $a_e \leq 0.6 \times D_c$ | Slot milling $a_p \leq 1.5 \times D_c$ | Ordering example for the grade WK40TZ: MD377-06.0A5B050C-WK40TZ

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

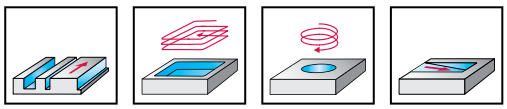
New addition to the product range = ☺ 😐 ☹ / ★

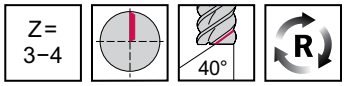
Solid carbide shoulder/slot milling cutter

MC377 Advance mm



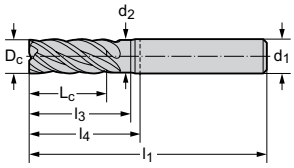
– Reduced neck
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WK40EA (AlCrN)	●	●			●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
MC377-02.0A3BC-	2	0.1	6	10	1.9	57	21	6	3	☺
MC377-03.0A4BC-	3	0.1	8	10	2.9	57	21	6	4	☺
MC377-04.0A4BC-	4	0.1	11	15	3.8	57	21	6	4	☺
MC377-05.0A4BC-	5	0.1	13	16	4.8	57	21	6	4	☺
MC377-06.0A4BC-	6	0.1	13	19	5.7	57	21	6	4	☺
MC377-08.0A4BC-	8	0.1	19	25	7.6	63	27	8	4	☺
MC377-10.0A4BC-	10	0.1	22	30	9.5	72	32	10	4	☺
MC377-12.0A4BC-	12	0.1	26	36	11.4	83	38	12	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40EA: MC377-02.0A3BC-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

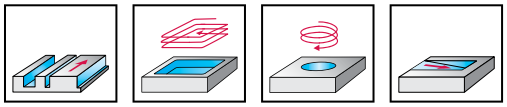
☺ 😐 ☹ / ★ = New addition to the product range

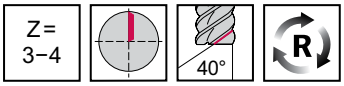
Solid carbide shoulder/slot milling cutter

MC377 Advance mm



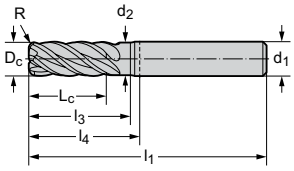
– Reduced neck
– Corner radius
– Long reach
– Type Ti 40





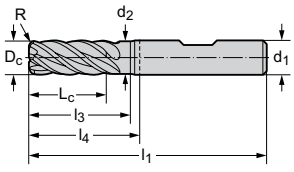
	P	M	K	N	S	H	O
WK40EA (AlCrN)	●	●			●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
MC377-02.0A3B020C-	2	0.2	6	10	1.9	57	21	6	3	
MC377-03.0A4B030C-	3	0.3	8	10	2.9	57	21	6	4	
MC377-04.0A4B050C-	4	0.5	11	15	3.8	57	21	6	4	
MC377-05.0A4B050C-	5	0.5	13	16	4.8	57	21	6	4	
MC377-06.0A4B050C-	6	0.5	13	19	5.7	57	21	6	4	
MC377-06.0A4B080C-	6	0.8	13	19	5.7	57	21	6	4	
MC377-06.0A4B100C-	6	1	13	19	5.7	57	21	6	4	
MC377-08.0A4B050C-	8	0.5	19	25	7.6	63	27	8	4	
MC377-08.0A4B100C-	8	1	19	25	7.6	63	27	8	4	
MC377-10.0A4B050C-	10	0.5	22	30	9.5	72	32	10	4	
MC377-10.0A4B100C-	10	1	22	30	9.5	72	32	10	4	
MC377-12.0A4B050C-	12	0.5	26	36	11.4	83	38	12	4	
MC377-12.0A4B100C-	12	1	26	36	11.4	83	38	12	4	
MC377-12.0A4B200C-	12	2	26	36	11.4	83	38	12	4	
MC377-12.0A4B300C-	12	3	26	36	11.4	83	38	12	4	
MC377-16.0A4B100C-	16	1	32	42	15.2	92	44	16	4	
MC377-16.0A4B300C-	16	3	32	42	15.2	92	44	16	4	
MC377-16.0A4B400C-	16	4	32	42	15.2	92	44	16	4	
MC377-20.0A4B300C-	20	3	38	52	19	104	54	20	4	
MC377-20.0A4B400C-	20	4	38	52	19	104	54	20	4	
MC377-25.0A4B300C-	25	3	45	63	23.8	121	65	25	4	
MC377-25.0A4B400C-	25	4	45	63	23.8	121	65	25	4	



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
MC377-16.0W4B300C-	16	3	32	42	15.2	92	44	16	4	
MC377-16.0W4B400C-	16	4	32	42	15.2	92	44	16	4	
MC377-20.0W4B300C-	20	3	38	52	19	104	54	20	4	
MC377-20.0W4B400C-	20	4	38	52	19	104	54	20	4	
MC377-25.0W4B300C-	25	3	45	63	23.8	121	65	25	4	
MC377-25.0W4B400C-	25	4	45	63	23.8	121	65	25	4	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40EA: MC377-02.0A3B020C-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

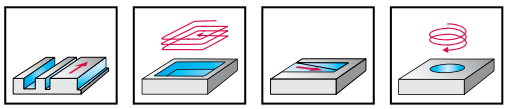
New addition to the product range = ☺ 😐 ☹ / ★

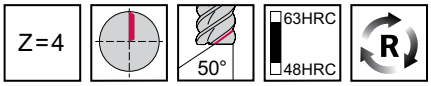
Solid carbide shoulder/slot milling cutter

MC388 Advance mm



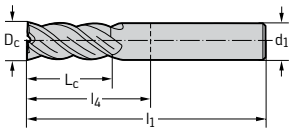
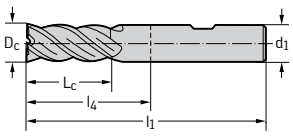
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

Tool

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
 DIN 6535 HA								
MC388-06.0A4B-	6	0.1	13	57	21	6	4	☺
MC388-08.0A4B-	8	0.1	19	63	27	8	4	☺
MC388-10.0A4B-	10	0.1	22	72	32	10	4	☺
MC388-12.0A4B-	12	0.1	26	83	38	12	4	☺
 DIN 6535 HB								
MC388-06.0W4B-	6	0.1	13	57	21	6	4	☺
MC388-08.0W4B-	8	0.1	19	63	27	8	4	☺
MC388-10.0W4B-	10	0.1	22	72	32	10	4	☺
MC388-12.0AWB-	12	0.1	26	83	38	12	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388-06.0A4B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

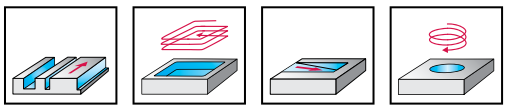
☺ 😐 ☹ / ★ = New addition to the product range

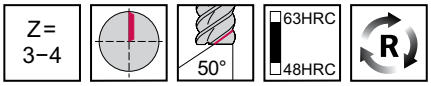
Solid carbide shoulder/slot milling cutter

MC388 Advance mm



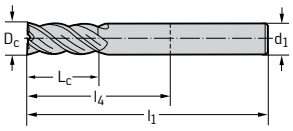
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC388-02.0A3B-	2	0.1	7	57	21	6	3	☻
MC388-03.0A3B-	3	0.1	8	57	21	6	3	☻
MC388-04.0A3B-	4	0.1	11	57	21	6	3	☻
MC388-05.0A3B-	5	0.1	13	57	21	6	3	☻
MC388-06.0A4L-	6	0.1	13	65	29	6	4	☻
MC388-08.0A4L-	8	0.1	19	80	44	8	4	☻
MC388-10.0A4L-	10	0.1	22	100	60	10	4	☻
MC388-12.0A4L-	12	0.1	26	100	55	12	4	☻

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388-02.0A3B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

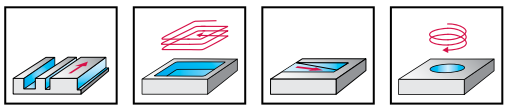
New addition to the product range = ☻ 😐 ☹ / ★

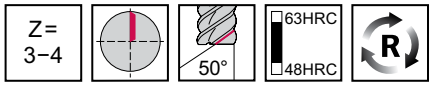
Solid carbide shoulder/slot milling cutter

MC388 Advance inch



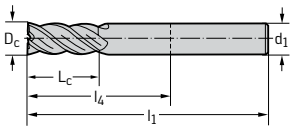
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

Tool



Cylindrical shank

Designation	D_c h10	D_c h10 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388,3.18A3L-	1/8"	0.1250	0.004	0.500	2.500	1.083	0.250	3	☺
MC388,6.35A4L-	1/4"	0.2500	0.004	0.750	2.500	1.083	0.250	4	☺
MC388,9.53A4L-	3/8"	0.3750	0.004	0.875	3.000	1.437	0.375	4	☺
MC388,12.7A4L-	1/2"	0.5000	0.006	1.000	3.500	1.717	0.500	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388,12.7A4L-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

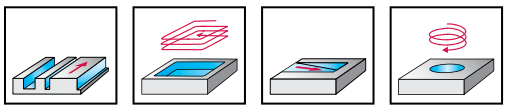
☺ 😐 ☹ / ★ = New addition to the product range

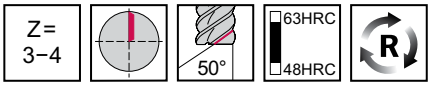
Solid carbide shoulder/slot milling cutter

MC388 Advance mm



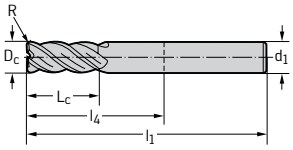
– Corner radius





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC388-02.0A3B050-	2	0.5	7	57	21	6	3	☺
MC388-03.0A3B050-	3	0.5	8	57	21	6	3	☺
MC388-04.0A3B050-	4	0.5	11	57	21	6	3	☺
MC388-04.0A3B100-	4	1	11	57	21	6	3	☺
MC388-05.0A3B050-	5	0.5	13	57	21	6	3	☺
MC388-05.0A3B100-	5	1	13	57	21	6	3	☺
MC388-06.0A4L050-	6	0.5	13	65	29	6	4	☺
MC388-06.0A4L100-	6	1	13	65	29	6	4	☺
MC388-08.0A4L050-	8	0.5	19	80	44	8	4	☺
MC388-08.0A4L100-	8	1	19	80	44	8	4	☺
MC388-08.0A4L200-	8	2	19	80	44	8	4	☺
MC388-10.0A4L050-	10	0.5	22	100	60	10	4	☺
MC388-10.0A4L100-	10	1	22	100	60	10	4	☺
MC388-10.0A4L200-	10	2	22	100	60	10	4	☺
MC388-12.0A4L050-	12	0.5	26	100	55	12	4	☺
MC388-12.0A4L100-	12	1	26	100	55	12	4	☺
MC388-12.0A4L200-	12	2	26	100	55	12	4	☺
MC388-12.0A4L300-	12	3	26	100	55	12	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388-02.0A3B050-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

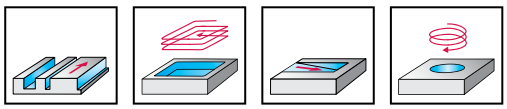
New addition to the product range = ☺ 😐 ☹ / ★

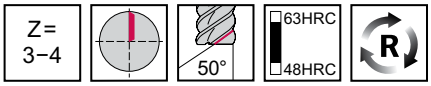
Solid carbide shoulder/slot milling cutter

MC388 Advance inch



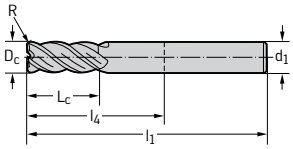
– Corner radius





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

Tool



Cylindrical shank

Designation	D_c h10	D_c h10 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388,3.18A3L038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	3	☻
MC388,9.53A4L076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	4	☻
MC388,12.7A4L076-	1/2"	0.5000	0.030	1.000	3.500	1.717	0.500	4	☻

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388,12.7A4L076-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

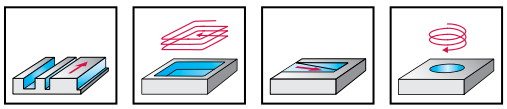
Solid carbide shoulder/slot milling cutters

H8015828 mm

Protostar® Ultra



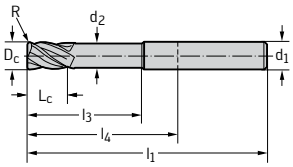
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H8015828-4-0.4-16	4	0.4	4	16	3.9	75	39	6	4
H8015828-4-0.4-24	4	0.4	4	24	3.9	75	39	6	4
H8015828-5-0.5-20	5	0.5	5	20	4.9	75	39	6	4
H8015828-5-0.5-30	5	0.5	5	30	4.9	75	39	6	4
H8015828-6-0.2-24	6	0.2	6	24	5.9	75	39	6	4
H8015828-6-0.2-35	6	0.2	6	35	5.9	75	39	6	4
H8015828-6-0.5-24	6	0.5	6	24	5.9	75	39	6	4
H8015828-6-0.5-35	6	0.5	6	35	5.9	75	39	6	4
H8015828-8-0.5-29	8	0.5	8	29	7.9	80	44	8	4
H8015828-8-0.5-43	8	0.5	8	43	7.9	80	44	8	4
H8015828-8-1.0-29	8	1	8	29	7.9	80	44	8	4
H8015828-8-1.0-43	8	1	8	43	7.9	80	44	8	4
H8015828-10-0.3-35	10	0.3	10	35	9.9	100	60	10	4
H8015828-10-0.5-35	10	0.5	10	35	9.9	100	60	10	4
H8015828-10-0.5-59	10	0.5	10	59	9.9	100	60	10	4
H8015828-10-1.0-35	10	1	10	35	9.9	100	60	10	4
H8015828-10-1.5-35	10	1.5	10	35	9.9	100	60	10	4
H8015828-12-0.5-36	12	0.5	12	36	11.8	100	55	12	4
H8015828-12-0.5-54	12	0.5	12	54	11.8	100	55	12	4
H8015828-12-1.0-36	12	1	12	36	11.8	100	55	12	4
H8015828-12-1.5-36	12	1.5	12	36	11.8	100	55	12	4
H8015828-12-1.5-54	12	1.5	12	54	11.8	100	55	12	4
H8015828-12-2.0-36	12	2	12	36	11.8	100	55	12	4
H8015828-12-2.0-54	12	2	12	54	11.8	100	55	12	4
H8015828-16-2.0-42	16	2	16	42	15.8	115	67	16	4

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

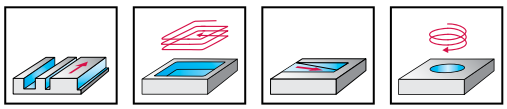
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutter

MC281 Advance mm



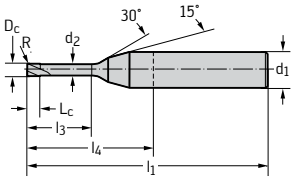
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC281-01.0A2M020B-	1	0.2	1	2	1	50	22	4	2	☺
MC281-01.0A2M020F-	1	0.2	1	6	1	50	22	4	2	☺
MC281-01.0A2M020H-	1	0.2	1	10	1	50	22	4	2	☺
MC281-1.25A2M020D-	1.25	0.2	1.25	5	1.2	50	22	4	2	☺
MC281-01.5A2M020C-	1.5	0.2	1.5	4	1.5	50	22	4	2	☺
MC281-01.5A2M020E-	1.5	0.2	1.5	8	1.5	50	22	4	2	☺
MC281-01.5A2M020G-	1.5	0.2	1.5	12	1.5	50	22	4	2	☺
MC281-02.0A2M020B-	2	0.2	2	4	2	50	22	4	2	☺
MC281-02.0A2M020C-	2	0.2	2	6	2	50	22	4	2	☺
MC281-02.0A2M020F-	2	0.2	2	12	2	50	22	4	2	☺
MC281-02.0A2M020G-	2	0.2	2	16	2	50	22	4	2	☺
MC281-03.0A2M020C-	3	0.2	3	8	3	50	22	4	2	☺
MC281-03.0A2M020E-	3	0.2	3	16	3	50	22	4	2	☺
MC281-03.0A2M020F-	3	0.2	3	20	3	60	32	4	2	☺
MC281-04.0A2M050C-	4	0.5	4	12	4	65	29	6	2	☺
MC281-04.0A2M050E-	4	0.5	4	20	4	65	29	6	2	☺

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC281-01.0A2M020B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

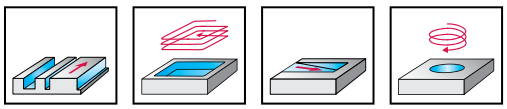
Solid carbide shoulder/slot milling cutters

H8005828 mm

Protostar® Ultra



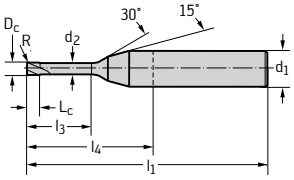
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H8005828-1	1	0.1	1	4	1	65	29	6	2
H8005828-1.2	1.2	0.12	1.2	5	1.2	65	29	6	2
H8005828-1.5	1.5	0.15	1.5	6	1.5	65	29	6	2
H8005828-2-0.2	2	0.2	2	8	2	75	39	6	2
H8005828-3-0.2	3	0.2	3	12	3	75	39	6	2
H8005828-3-0.3	3	0.3	3	12	3	75	39	6	2

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

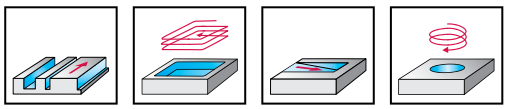
Solid carbide shoulder/slot milling cutters

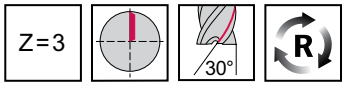
H3027419 mm

Protostar®



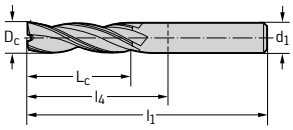
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
DIA							●●

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H3027419-1	1		4	38	10	3	3
H3027419-1.5	1.5		6	38	10	3	3
H3027419-2	2		8	38	10.5	3	3
H3027419-3	3		12	38	12	3	3
H3027419-4	4		14	50	22	4	3
H3027419-5	5		16	57	21	6	3
H3027419-6	6		22	65	29	6	3
H3027419-8	8		28	80	44	8	3
H3027419-10	10	0.1	32	100	60	10	3
H3027419-12	12	0.1	38	100	55	12	3

Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

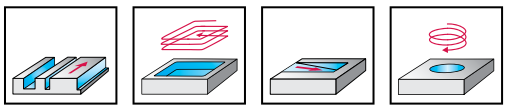
Solid carbide shoulder/slot milling cutters

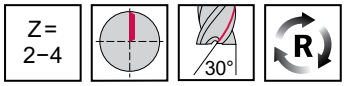
H8095919 mm

Protostar®



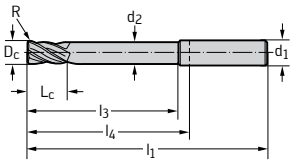
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
DIA							●●

Tool



DIN 6535 HA

Designation	D_c h8 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H8095919-4-20	4	0.5	4	20	3.9	100	64	6	2
H8095919-4-30	4	0.5	4	30	3.9	100	64	6	2
H8095919-4-40	4	0.5	4	40	3.9	100	64	6	2
H8095919-5-50	5	0.5	5	50	4.9	100	64	6	2
H8095919-6-30	6	0.5	6	30	5.9	100	64	6	4
H8095919-6-45	6	0.5	6	45	5.9	100	64	6	4
H8095919-6-60	6	0.5	6	60	5.9	100	64	6	4
H8095919-8-40	8	0.5	8	40	7.9	120	84	8	4
H8095919-8-60	8	0.5	8	60	7.9	120	84	8	4
H8095919-8-80	8	0.5	8	80	7.9	120	84	8	4
H8095919-10-50	10	1	10	50	9.9	150	110	10	4
H8095919-12-60	12	1	12	60	11.8	150	105	12	4

Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

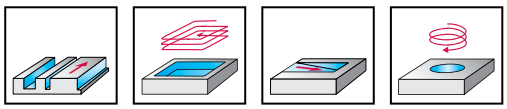
Solid carbide shoulder/slot milling cutters

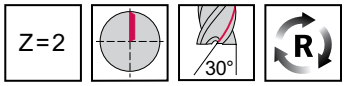
H4044919 mm

Protostar®



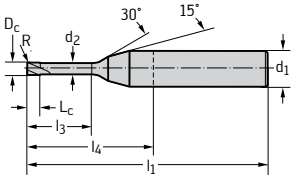
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
DIA							●●

Tool



DIN 6535 HA

Designation	D_c h8 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H4044919-0.6-9	0.6	0.05	0.6	9	0.6	38	13	3	2
H4044919-1-10	1	0.1	1	10	1	60	32	3	2
H4044919-1-15	1	0.1	1	15	1	60	32	3	2
H4044919-1.5-7.5	1.5	0.15	1.5	8	1.5	60	32	3	2
H4044919-2-10	2	0.2	2	10	2	60	32	3	2
H4044919-2-15	2	0.2	2	15	2	60	32	3	2
H4044919-2-20	2	0.2	2	20	2	60	32	3	2
H4044919-2-30	2	0.2	2	30	2	60	32	3	2
H4044919-3-15	3	0.3	3	15	3	60	32	3	2
H4044919-3-30	3	0.3	3	30	3	60	32	3	2

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.05 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

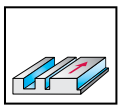
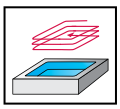
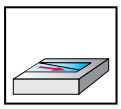
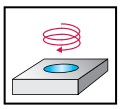
☺ 😐 ☹ / ★ = New addition to the product range

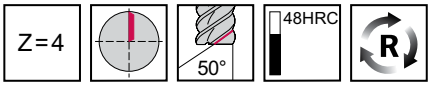
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



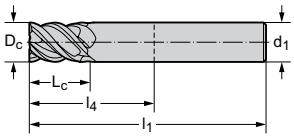

– l_{11} - Corner chamfer



	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

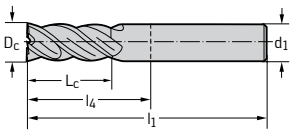
Tool



Cylindrical shank

Designation	D_c	D_c inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WK40TF
MC326,6.35A4C-	1/4"	0.2500	0.004	0.375	2.000	0.583	0.250	4	
MC326,7.94A4C-	5/16"	0.3125	0.004	0.500	2.500	0.937	0.375	4	
MC326,9.53A4C-	3/8"	0.3750	0.004	0.500	2.500	0.937	0.375	4	
MC326,12.7A4C-	1/2"	0.5000	0.006	0.625	3.000	1.217	0.500	4	
MC326,15.9A4C-	5/8"	0.6250	0.006	0.750	3.000	1.094	0.625	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,12.7A4C-WK40TF



Cylindrical shank

Designation	D_c	D_c inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WK40TF
MC326,7.94A4D-	5/16"	0.3125	0.004	0.813	3.000	1.437	0.375	4	
MC326,12.7A4D-	1/2"	0.5000	0.006	1.000	3.500	1.717	0.500	4	
MC326,12.7A4DI-	1/2"	0.5000	0.006	1.250	3.500	1.717	0.500	4	
MC326,15.9A4D-	5/8"	0.6250	0.006	1.250	3.500	1.594	0.625	4	
MC326,19.1A4D-	3/4"	0.7500	0.006	0.750	4.000	1.969	0.750	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,12.7A4C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

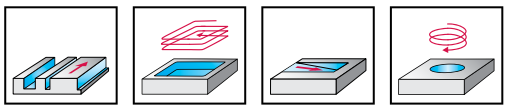
New addition to the product range = ☺ 😐 ☹ / ★

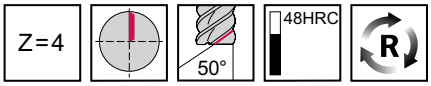
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



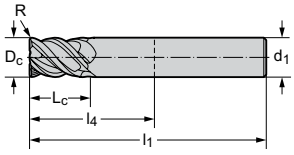
– Corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

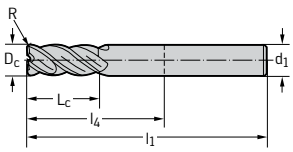
Tool



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WK40TF
MC326,6.35A4C038-	1/4"	0.2500	0.015	0.375	2.000	0.583	0.250	4	
MC326,6.35A4C076-	1/4"	0.2500	0.030	0.375	2.000	0.583	0.250	4	
MC326,7.94A4C076-	5/16"	0.3125	0.030	0.500	2.500	0.937	0.375	4	
MC326,9.53A4C038-	3/8"	0.3750	0.015	0.500	2.500	0.937	0.375	4	
MC326,9.53A4C076-	3/8"	0.3750	0.030	0.500	2.500	0.937	0.375	4	
MC326,12.7A4C038-	1/2"	0.5000	0.015	0.625	3.000	1.217	0.500	4	
MC326,12.7A4C076-	1/2"	0.5000	0.030	0.625	3.000	1.217	0.500	4	
MC326,15.9A4C076-	5/8"	0.6250	0.030	0.750	3.000	1.094	0.625	4	
MC326,15.9A4C152-	5/8"	0.6250	0.060	0.750	3.000	1.094	0.625	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,12.7A4C038-WK40TF



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WK40TF
MC326,7.94A4D076-	5/16"	0.3125	0.030	0.813	3.000	1.437	0.375	4	
MC326,12.7A4D038-	1/2"	0.5000	0.015	1.000	3.500	1.717	0.500	4	
MC326,12.7A4D076-	1/2"	0.5000	0.030	1.000	3.500	1.717	0.500	4	
MC326,12.7A4D152-	1/2"	0.5000	0.060	1.000	3.500	1.717	0.500	4	
MC326,12.7A4Dl038-	1/2"	0.5000	0.015	1.250	3.500	1.717	0.500	4	
MC326,12.7A4Dl076-	1/2"	0.5000	0.030	1.250	3.500	1.717	0.500	4	
MC326,12.7A4Dl152-	1/2"	0.5000	0.060	1.250	3.500	1.717	0.500	4	
MC326,15.9A4D076-	5/8"	0.6250	0.030	1.250	3.500	1.594	0.625	4	
MC326,15.9A4D152-	5/8"	0.6250	0.060	1.250	3.500	1.594	0.625	4	
MC326,19.1A4D076-	3/4"	0.7500	0.030	0.750	4.000	1.969	0.750	4	
MC326,19.1A4D152-	3/4"	0.7500	0.060	1.500	4.000	1.969	0.750	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,12.7A4C038-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

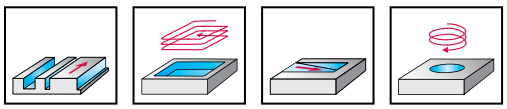
☺ 😐 ☹ / ★ = New addition to the product range

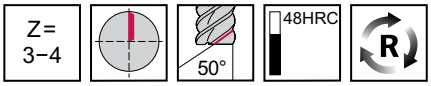
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



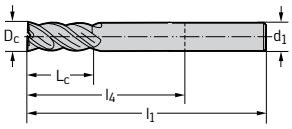
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-02.0A3L-	2	0.1	7	57	21	6	3	☺
MC326-02.5A3L-	2.5	0.1	8	57	21	6	3	☺
MC326-03.0A3L-	3	0.1	8	57	21	6	3	☺
MC326-03.5A3L-	3.5	0.1	10	57	21	6	3	☺
MC326-04.0A3L-	4	0.1	11	57	21	6	3	☺
MC326-04.5A3L-	4.5	0.1	11	57	21	6	3	☺
MC326-05.0A3L-	5	0.1	13	57	21	6	3	☺
MC326-06.0A4L-	6	0.1	13	65	29	6	4	☺
MC326-07.0A4L-	7	0.1	16	80	44	8	4	☺
MC326-08.0A4L-	8	0.1	19	80	44	8	4	☺
MC326-09.0A4L-	9	0.1	19	100	60	10	4	☺
MC326-10.0A4L-	10	0.1	22	100	60	10	4	☺
MC326-11.0A4L-	11	0.1	26	100	55	12	4	☺
MC326-12.0A4L-	12	0.1	26	100	55	12	4	☺
MC326-14.0A4L-	14	0.15	26	104	59	14	4	☺
MC326-16.0A4L-	16	0.15	32	115	67	16	4	☺
MC326-20.0A4L-	20	0.15	38	125	75	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-02.0A3L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

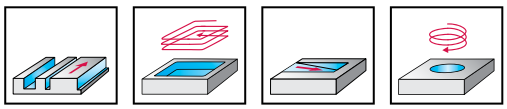
New addition to the product range = ☺ 😐 ☹ / ★

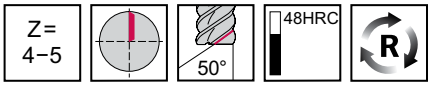
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



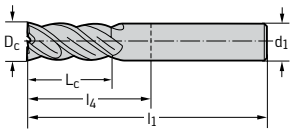
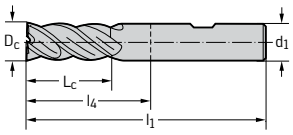
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool

	Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
 DIN 6535 HA	MC326-06.0A4B-	6	0.1	13	57	21	6	4	
	MC326-08.0A4B-	8	0.1	19	63	27	8	4	
	MC326-10.0A4B-	10	0.1	22	72	32	10	4	
	MC326-12.0A4B-	12	0.1	26	83	38	12	4	
	MC326-14.0A4B-	14	0.15	26	83	38	14	4	
	MC326-16.0A4B-	16	0.15	32	92	44	16	4	
	MC326-18.0A4B-	18	0.15	32	92	44	18	4	
	MC326-20.0A4B-	20	0.15	38	104	54	20	4	
	MC326-25.0A5B-	25	0.15	45	121	65	25	5	
 DIN 6535 HB	MC326-06.0W4B-	6	0.1	13	57	21	6	4	
	MC326-08.0W4B-	8	0.1	19	63	27	8	4	
	MC326-10.0W4B-	10	0.1	22	72	32	10	4	
	MC326-12.0W4B-	12	0.1	26	83	38	12	4	
	MC326-14.0W4B-	14	0.15	26	83	38	14	4	
	MC326-16.0W4B-	16	0.15	32	92	44	16	4	
	MC326-18.0W4B-	18	0.15	32	92	44	18	4	
	MC326-20.0W4B-	20	0.15	38	104	54	20	4	
	MC326-25.0W5B-	25	0.15	45	121	65	25	5	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

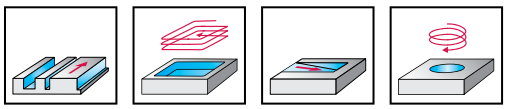
☺ 😐 ☹ / ★ = New addition to the product range

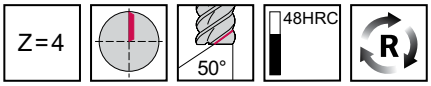
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



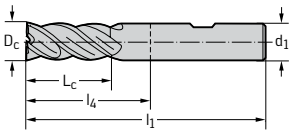
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h10	D_c h10 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326,6.35W4D-	1/4"	0.2500	0.004	0.750	3.000	1.437	0.375	4	😐
MC326,7.94W4D-	5/16"	0.3125	0.004	0.812	3.000	1.437	0.375	4	😐
MC326,9.53W4D-	3/8"	0.3750	0.004	0.875	3.000	1.437	0.375	4	😐
MC326,11.1W4D-	7/16"	0.4375	0.004	1.000	3.500	1.717	0.500	4	😐
MC326,12.7W4D-	1/2"	0.5000	0.006	1.000	3.500	1.717	0.500	4	😐
MC326,15.9W4D-	5/8"	0.6250	0.006	1.250	3.500	1.594	0.625	4	😐
MC326,19.1W4D-	3/4"	0.7500	0.006	1.500	4.000	1.969	0.750	4	😐

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,11.1W4D-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = 😵 machining conditions

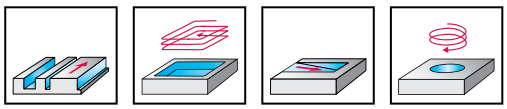
New addition to the product range = 😀 😐 😵 / ★

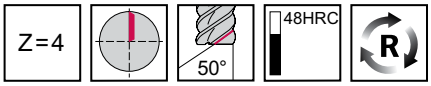
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



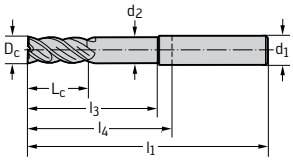
– Reduced neck
– l_{11} - Corner chamfer
– Long reach



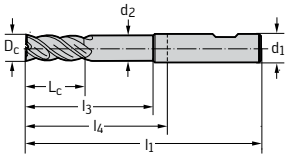


	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-06.0A4BC-	6	0.1	13	19	5.7	57	21	6	4	☺
MC326-08.0A4BC-	8	0.1	19	25	7.6	63	27	8	4	☺
MC326-10.0A4BC-	10	0.1	22	30	9.5	72	32	10	4	☺
MC326-12.0A4BC-	12	0.1	26	36	11.4	83	38	12	4	☺
MC326-14.0A4BC-	14	0.15	26	36	13.3	83	38	14	4	☺
MC326-16.0A4BC-	16	0.15	32	42	15.2	92	44	16	4	☺
MC326-20.0A4BC-	20	0.15	38	52	19	104	54	20	4	☺
MC326-06.0W4BC-	6	0.1	13	19	5.7	57	21	6	4	☺
MC326-08.0W4BC-	8	0.1	19	25	7.6	63	27	8	4	☺
MC326-10.0W4BC-	10	0.1	22	30	9.5	72	32	10	4	☺
MC326-12.0W4BC-	12	0.1	26	36	11.4	83	38	12	4	☺
MC326-14.0W4BC-	14	0.15	26	36	13.3	83	38	14	4	☺
MC326-16.0W4BC-	16	0.15	32	42	15.2	92	44	16	4	☺
MC326-20.0W4BC-	20	0.15	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4BC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

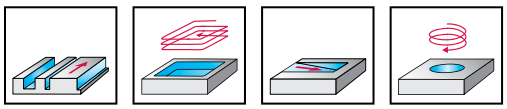
☺ 😐 ☹ / ★ = New addition to the product range

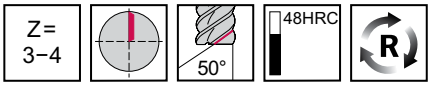
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



– Reduced neck
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
DIN 6535 HA										
MC326-04.0A3LC-	4	0.1	11	15	3.8	57	21	6	3	
MC326-05.0A3LC-	5	0.1	13	16	4.8	57	21	6	3	
MC326-06.0A4LC-	6	0.1	13	27	5.7	65	29	6	4	
MC326-08.0A4LC-	8	0.1	19	42	7.6	80	44	8	4	
MC326-10.0A4LC-	10	0.1	22	58	9.5	100	60	10	4	
MC326-12.0A4LC-	12	0.1	26	53	11.4	100	55	12	4	
MC326-14.0A4LC-	14	0.15	26	57	13.3	104	59	14	4	
MC326-16.0A4LC-	16	0.15	32	65	15.2	115	67	16	4	
MC326-20.0A4LC-	20	0.15	38	73	19	125	75	20	4	
DIN 6535 HB										
MC326-04.0W3LC-	4	0.1	11	15	3.8	57	21	6	3	
MC326-05.0W3LC-	5	0.1	13	16	4.8	57	21	6	3	
MC326-06.0W4LC-	6	0.1	13	27	5.7	65	29	6	4	
MC326-08.0W4LC-	8	0.1	19	42	7.6	80	44	8	4	
MC326-10.0W4LC-	10	0.1	22	58	9.5	100	60	10	4	
MC326-12.0W4LC-	12	0.1	26	53	11.4	100	55	12	4	
MC326-14.0W4LC-	14	0.15	26	57	13.3	104	59	14	4	
MC326-16.0W4LC-	16	0.15	32	65	15.2	115	67	16	4	
MC326-20.0W4LC-	20	0.15	38	73	19	125	75	20	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3LC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

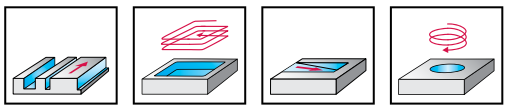
New addition to the product range = ☺ 😐 ☹ / ★

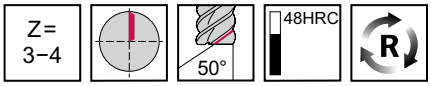
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



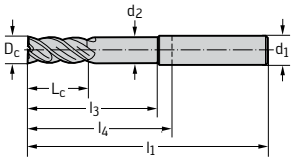
– Reduced neck
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h10	D_c h10 inch	l_{11} inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326,3.18A4LC-	1/8"	0.1250	0.004	0.500	1.188	0.119	3.000	1.583	0.250	3	☺
MC326,4.76A4LC-	3/16"	0.1875	0.004	0.625	1.125	0.178	3.000	1.583	0.250	3	☺
MC326,6.35A4LC-	1/4"	0.2500	0.004	0.750	1.375	0.237	3.000	1.583	0.250	4	☺
MC326,7.94A4LC-	5/16"	0.3125	0.004	0.812	1.500	0.297	3.250	1.833	0.375	4	☺
MC326,9.53A4LC-	3/8"	0.3750	0.004	0.875	1.500	0.356	3.250	1.833	0.375	4	☺
MC326,11.1A4LC-	7/16"	0.4375	0.004	1.000	2.875	0.416	4.750	2.967	0.500	4	☺
MC326,12.7A4LC-	1/2"	0.5000	0.006	1.000	2.875	0.475	4.750	2.967	0.500	4	☺
MC326,15.9A4LC-	5/8"	0.6250	0.006	1.250	3.000	0.594	5.000	3.094	0.625	4	☺
MC326,19.1A4LC-	3/4"	0.7500	0.006	1.500	3.000	0.713	5.250	3.218	0.750	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,11.1A4LC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

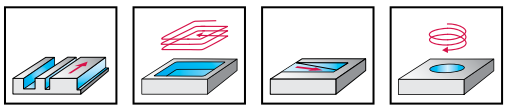
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

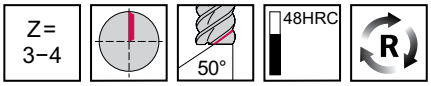
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



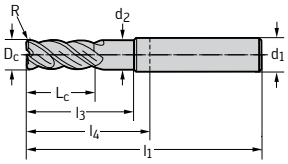
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326,3.18A4L051C-	1/8"	0.1250	0.020	0.500	1.188	0.119	3.000	1.583	0.250	3	
MC326,4.76A4L051C-	3/16"	0.1875	0.020	0.625	1.125	0.178	3.000	1.583	0.250	3	
MC326,6.35A4L076C-	1/4"	0.2500	0.030	0.750	1.375	0.237	3.000	1.583	0.250	4	
MC326,6.35A4L102C-	1/4"	0.2500	0.040	0.750	1.375	0.237	3.000	1.583	0.250	4	
MC326,7.94A4L076C-	5/16"	0.3125	0.030	0.812	1.500	0.297	3.500	1.937	0.375	4	
MC326,7.94A4L203C-	5/16"	0.3125	0.080	0.812	1.500	0.297	3.500	1.937	0.375	4	
MC326,9.53A4L076C-	3/8"	0.3750	0.030	0.875	1.500	0.356	3.500	1.937	0.375	4	
MC326,9.53A4L152C-	3/8"	0.3750	0.060	0.875	1.500	0.356	3.500	1.937	0.375	4	
MC326,9.53A4L203C-	3/8"	0.3750	0.080	0.875	1.500	0.356	3.500	1.937	0.375	4	
MC326,12.7A4L076C-	1/2"	0.5000	0.030	1.000	2.875	0.475	4.750	2.967	0.500	4	
MC326,12.7A4L152C-	1/2"	0.5000	0.060	1.000	2.875	0.475	4.750	2.967	0.500	4	
MC326,12.7A4L305C-	1/2"	0.5000	0.120	1.000	2.875	0.475	4.750	2.967	0.500	4	
MC326,15.9A4L076C-	5/8"	0.6250	0.030	1.250	3.000	0.594	5.000	3.217	0.625	4	
MC326,15.9A4L152C-	5/8"	0.6250	0.060	1.250	3.000	0.594	5.000	3.217	0.625	4	
MC326,15.9A4L318C-	5/8"	0.6250	0.125	1.250	3.000	0.594	5.000	3.094	0.625	4	
MC326,19.1A4L152C-	3/4"	0.7500	0.060	1.500	3.000	0.713	5.250	3.218	0.750	4	
MC326,19.1A4L318C-	3/4"	0.7500	0.125	1.500	3.000	0.713	5.250	3.218	0.750	4	
MC326,19.1A4L406C-	3/4"	0.7500	0.160	1.500	3.000	0.713	5.250	3.218	0.750	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,12.7A4L076C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

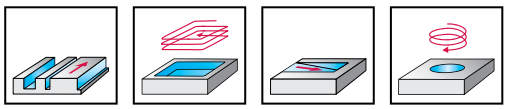
New addition to the product range = ☺ 😐 ☹ / ★

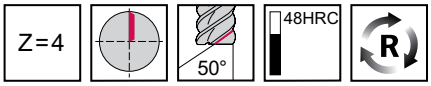
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



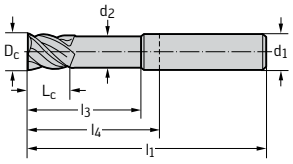
– Reduced neck
– l_{11} - Corner chamfer
– Long reach





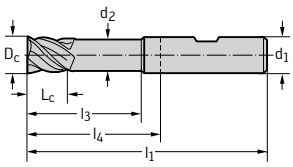
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-06.0A4BCJ-	6	0.1	6	19	5.7	57	21	6	4	☺
MC326-08.0A4BCJ-	8	0.1	8	25	7.6	63	27	8	4	☺
MC326-10.0A4BCJ-	10	0.1	10	30	9.5	72	32	10	4	☺
MC326-12.0A4BCJ-	12	0.1	12	36	11.4	83	38	12	4	☺
MC326-16.0A4BCJ-	16	0.15	16	42	15.2	92	44	16	4	☺



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-06.0W4BCJ-	6	0.1	6	19	5.7	57	21	6	4	☺
MC326-08.0W4BCJ-	8	0.1	8	25	7.6	63	27	8	4	☺
MC326-10.0W4BCJ-	10	0.1	10	30	9.5	72	32	10	4	☺
MC326-12.0W4BCJ-	12	0.1	12	36	11.4	83	38	12	4	☺
MC326-16.0W4BCJ-	16	0.15	16	42	15.2	92	44	16	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4BCJ-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

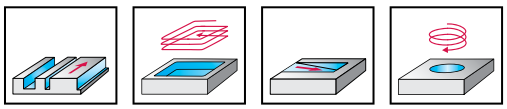
☺ 😐 ☹ / ★ = New addition to the product range

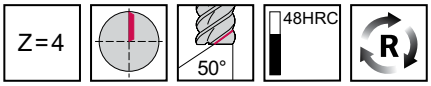
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



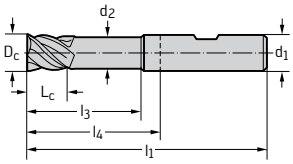
– Reduced neck
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h10	D_c h10 inch	l_{11} inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326,6.35W4DCJ-	1/4"	0.2500	0.004	0.250	0.875	0.237	3.000	1.437	0.375	4	☺
MC326,7.94W4DCJ-	5/16"	0.3125	0.004	0.313	1.000	0.297	3.000	1.437	0.375	4	☺
MC326,9.53W4DCJ-	3/8"	0.3750	0.004	0.375	1.000	0.356	3.000	1.437	0.375	4	☺
MC326,12.7W4DCJ-	1/2"	0.5000	0.006	0.500	1.375	0.475	3.500	1.717	0.500	4	☺
MC326,15.9W4DCJ-	5/8"	0.6250	0.006	0.625	1.500	0.594	3.500	1.594	0.625	4	☺
MC326,19.1W4DCJ-	3/4"	0.7500	0.006	0.750	2.000	0.713	4.250	2.218	0.750	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,12.7W4DCJ-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

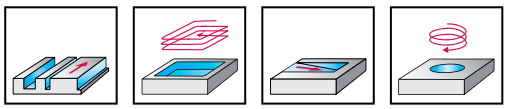
New addition to the product range = ☺ 😐 ☹ / ★

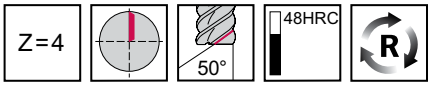
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



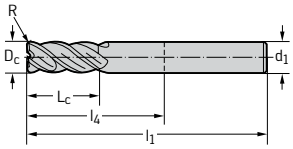
– Corner radius





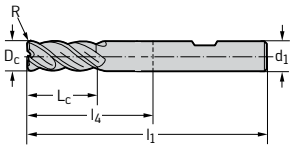
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-06.0A4B100-	6	1	13	57	21	6	4	☺
MC326-08.0A4B200-	8	2	19	63	27	8	4	☺
MC326-10.0A4B200-	10	2	22	72	32	10	4	☺
MC326-12.0A4B300-	12	3	26	83	38	12	4	☺
MC326-14.0A4B300-	14	3	26	83	38	14	4	☺
MC326-16.0A4B300-	16	3	32	92	44	16	4	☺
MC326-16.0A4B400-	16	4	32	92	44	16	4	☺
MC326-20.0A4B300-	20	3	38	104	54	20	4	☺



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-06.0W4B100-	6	1	13	57	21	6	4	☺
MC326-08.0W4B200-	8	2	19	63	27	8	4	☺
MC326-10.0W4B200-	10	2	22	72	32	10	4	☺
MC326-12.0W4B300-	12	3	26	83	38	12	4	☺
MC326-14.0W4B300-	14	3	26	83	38	14	4	☺
MC326-16.0W4B300-	16	3	32	92	44	16	4	☺
MC326-16.0W4B400-	16	4	32	92	44	16	4	☺
MC326-20.0W4B300-	20	3	38	104	54	20	4	☺
MC326-20.0W4B400-	20	4	38	104	54	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4B100-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

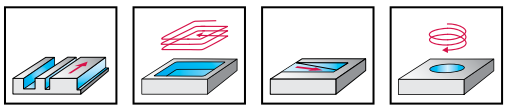
☺ 😐 ☹ / ★ = New addition to the product range

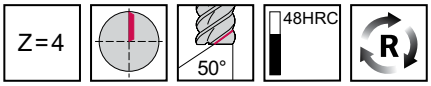
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



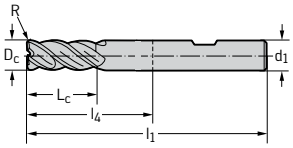
– Corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326,6.35W4D102-	1/4"	0.2500	0.040	0.750	3.000	1.437	0.375	4	😐
MC326,7.94W4D203-	5/16"	0.3125	0.080	0.812	3.000	1.437	0.375	4	😐
MC326,9.53W4D203-	3/8"	0.3750	0.080	0.875	3.000	1.437	0.375	4	😐
MC326,11.1W4D203-	7/16"	0.4375	0.080	1.000	3.500	1.717	0.500	4	😐
MC326,12.7W4D305-	1/2"	0.5000	0.120	1.000	3.500	1.717	0.500	4	😐
MC326,15.9W4D318-	5/8"	0.6250	0.125	1.250	3.500	1.594	0.625	4	😐
MC326,15.9W4D406-	5/8"	0.6250	0.160	1.250	3.500	1.594	0.625	4	😐
MC326,19.1W4D318-	3/4"	0.7500	0.125	1.500	4.000	1.969	0.750	4	😐
MC326,19.1W4D406-	3/4"	0.7500	0.160	1.500	4.000	1.969	0.750	4	😐

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326,11.1W4D203-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = 😵 machining conditions

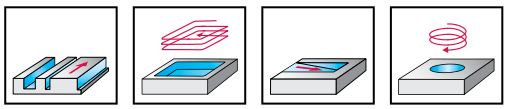
New addition to the product range = 😀 😐 😵 / ★

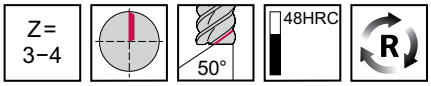
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



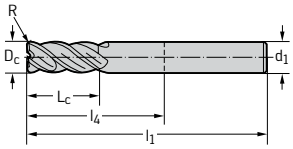
– Corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-04.0A3L100-	4	1	11	57	21	6	3	☺
MC326-05.0A3L100-	5	1	13	57	21	6	3	☺
MC326-06.0A4L100-	6	1	13	65	29	6	4	☺
MC326-08.0A4L200-	8	2	19	80	44	8	4	☺
MC326-10.0A4L200-	10	2	22	100	60	10	4	☺
MC326-12.0A4L300-	12	3	26	100	55	12	4	☺
MC326-14.0A4L300-	14	3	26	104	59	14	4	☺
MC326-16.0A4L400-	16	4	32	115	67	16	4	☺
MC326-20.0A4L400-	20	4	38	125	75	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3L100-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

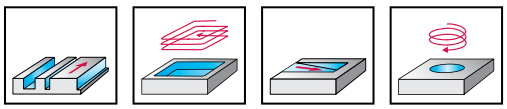
☺ 😐 ☹ / ★ = New addition to the product range

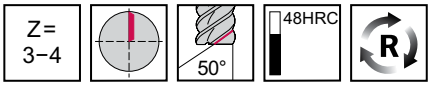
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



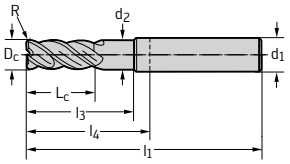
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-02.0A3B020C-	2	0.2	7	10	1.9	57	21	6	3	☺
MC326-03.0A3B030C-	3	0.3	8	10	2.9	57	21	6	3	☺
MC326-04.0A3B050C-	4	0.5	11	15	3.8	57	21	6	3	☺
MC326-05.0A3B050C-	5	0.5	13	16	4.8	57	21	6	3	☺
MC326-06.0A4B050C-	6	0.5	13	19	5.7	57	21	6	4	☺
MC326-06.0A4B080C-	6	0.8	13	19	5.7	57	21	6	4	☺
MC326-06.0A4B100C-	6	1	13	19	5.7	57	21	6	4	☺
MC326-08.0A4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
MC326-08.0A4B080C-	8	0.8	19	25	7.6	63	27	8	4	☺
MC326-08.0A4B100C-	8	1	19	25	7.6	63	27	8	4	☺
MC326-08.0A4B150C-	8	1.5	19	25	7.6	63	27	8	4	☺
MC326-08.0A4B200C-	8	2	19	25	7.6	63	27	8	4	☺
MC326-10.0A4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MC326-10.0A4B080C-	10	0.8	22	30	9.5	72	32	10	4	☺
MC326-10.0A4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MC326-10.0A4B150C-	10	1.5	22	30	9.5	72	32	10	4	☺
MC326-10.0A4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MC326-12.0A4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MC326-12.0A4B080C-	12	0.8	26	36	11.4	83	38	12	4	☺
MC326-12.0A4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MC326-12.0A4B150C-	12	1.5	26	36	11.4	83	38	12	4	☺
MC326-12.0A4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MC326-12.0A4B250C-	12	2.5	26	36	11.4	83	38	12	4	☺
MC326-12.0A4B300C-	12	3	26	36	11.4	83	38	12	4	☺
MC326-14.0A4B100C-	14	1	26	36	13.3	83	38	14	4	☺
MC326-14.0A4B150C-	14	1.5	26	36	13.3	83	38	14	4	☺
MC326-14.0A4B200C-	14	2	26	36	13.3	83	38	14	4	☺
MC326-16.0A4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MC326-16.0A4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MC326-16.0A4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MC326-16.0A4B250C-	16	2.5	32	42	15.2	92	44	16	4	☺
MC326-16.0A4B300C-	16	3	32	42	15.2	92	44	16	4	☺
MC326-16.0A4B400C-	16	4	32	42	15.2	92	44	16	4	☺
MC326-20.0A4B050C-	20	0.5	38	52	19	104	54	20	4	☺

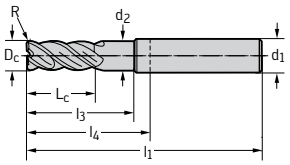
Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-02.0A3B020C-WK40TF

WALTER SELECT

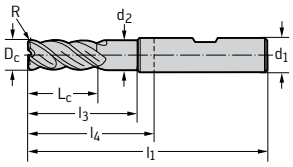
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
MC326-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺
MC326-20.0A4B250C-	20	2.5	38	52	19	104	54	20	4	☺
MC326-20.0A4B300C-	20	3	38	52	19	104	54	20	4	☺
MC326-20.0A4B400C-	20	4	38	52	19	104	54	20	4	☺
MC326-02.0W3B020C-	2	0.2	7	10	1.9	57	21	6	3	☺
MC326-03.0W3B030C-	3	0.3	8	10	2.9	57	21	6	3	☺
MC326-04.0W3B050C-	4	0.5	11	15	3.8	57	21	6	3	☺
MC326-05.0W3B050C-	5	0.5	13	16	4.8	57	21	6	3	☺
MC326-06.0W4B050C-	6	0.5	13	19	5.7	57	21	6	4	☺
MC326-06.0W4B100C-	6	1	13	19	5.7	57	21	6	4	☺
MC326-08.0W4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
MC326-08.0W4B100C-	8	1	19	25	7.6	63	27	8	4	☺
MC326-08.0W4B150C-	8	1.5	19	25	7.6	63	27	8	4	☺
MC326-08.0W4B200C-	8	2	19	25	7.6	63	27	8	4	☺
MC326-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MC326-10.0W4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MC326-10.0W4B150C-	10	1.5	22	30	9.5	72	32	10	4	☺
MC326-10.0W4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MC326-12.0W4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MC326-12.0W4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MC326-12.0W4B150C-	12	1.5	26	36	11.4	83	38	12	4	☺
MC326-12.0W4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MC326-12.0W4B250C-	12	2.5	26	36	11.4	83	38	12	4	☺
MC326-12.0W4B300C-	12	3	26	36	11.4	83	38	12	4	☺
MC326-14.0W4B100C-	14	1	26	36	13.3	83	38	14	4	☺
MC326-14.0W4B300C-	14	3	26	36	13.3	83	38	14	4	☺
MC326-16.0W4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MC326-16.0W4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MC326-16.0W4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MC326-16.0W4B250C-	16	2.5	32	42	15.2	92	44	16	4	☺
MC326-16.0W4B300C-	16	3	32	42	15.2	92	44	16	4	☺
MC326-16.0W4B400C-	16	4	32	42	15.2	92	44	16	4	☺
MC326-20.0W4B050C-	20	0.5	38	52	19	104	54	20	4	☺
MC326-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
MC326-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺
MC326-20.0W4B250C-	20	2.5	38	52	19	104	54	20	4	☺
MC326-20.0W4B300C-	20	3	38	52	19	104	54	20	4	☺
MC326-20.0W4B400C-	20	4	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-02.0A3B020C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

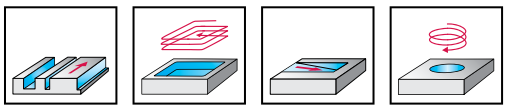
☺ 😐 ☹ / ★ = New addition to the product range

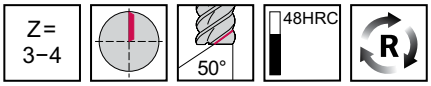
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



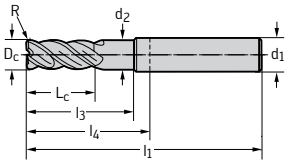
– Reduced neck
– Coner radius
– Long reach





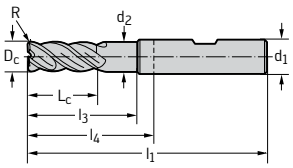
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-04.0A3L100C-	4	1	11	15	3.8	57	21	6	3	☺
MC326-05.0A3L100C-	5	1	13	16	4.8	57	21	6	3	☺
MC326-06.0A4L050C-	6	0.5	13	27	5.7	65	29	6	4	☺
MC326-06.0A4L100C-	6	1	13	27	5.7	65	29	6	4	☺
MC326-08.0A4L050C-	8	0.5	19	42	7.6	80	44	8	4	☺
MC326-08.0A4L100C-	8	1	19	42	7.6	80	44	8	4	☺
MC326-08.0A4L200C-	8	2	19	42	7.6	80	44	8	4	☺
MC326-10.0A4L050C-	10	0.5	22	58	9.5	100	60	10	4	☺
MC326-10.0A4L100C-	10	1	22	58	9.5	100	60	10	4	☺
MC326-10.0A4L200C-	10	2	22	58	9.5	100	60	10	4	☺
MC326-12.0A4L050C-	12	0.5	26	53	11.4	100	55	12	4	☺
MC326-12.0A4L100C-	12	1	26	53	11.4	100	55	12	4	☺
MC326-12.0A4L300C-	12	3	26	53	11.4	100	55	12	4	☺
MC326-14.0A4L050C-	14	0.5	26	57	13.3	104	59	14	4	☺
MC326-14.0A4L100C-	14	1	26	57	13.3	104	59	14	4	☺
MC326-14.0A4L300C-	14	3	26	57	13.3	104	59	14	4	☺
MC326-16.0A4L050C-	16	0.5	32	65	15.2	115	67	16	4	☺
MC326-16.0A4L100C-	16	1	32	65	15.2	115	67	16	4	☺
MC326-16.0A4L200C-	16	2	32	65	15.2	115	67	16	4	☺
MC326-16.0A4L300C-	16	3	32	65	15.2	115	67	16	4	☺
MC326-16.0A4L400C-	16	4	32	65	15.2	115	67	16	4	☺
MC326-20.0A4L100C-	20	1	38	73	19	125	75	20	4	☺
MC326-20.0A4L200C-	20	2	38	73	19	125	75	20	4	☺
MC326-20.0A4L300C-	20	3	38	73	19	125	75	20	4	☺
MC326-20.0A4L400C-	20	4	38	73	19	125	75	20	4	☺



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-04.0W3L100C-	4	1	11	15	3.8	57	21	6	3	☺
MC326-05.0W3L100C-	5	1	13	16	4.8	57	21	6	3	☺
MC326-06.0W4L050C-	6	0.5	13	27	5.7	65	29	6	4	☺
MC326-06.0W4L100C-	6	1	13	27	5.7	65	29	6	4	☺
MC326-08.0W4L050C-	8	0.5	19	42	7.6	80	44	8	4	☺
MC326-08.0W4L100C-	8	1	19	42	7.6	80	44	8	4	☺
MC326-08.0W4L200C-	8	2	19	42	7.6	80	44	8	4	☺
MC326-10.0W4L050C-	10	0.5	22	58	9.5	100	60	10	4	☺
MC326-10.0W4L100C-	10	1	22	58	9.5	100	60	10	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3L100C-WK40TF

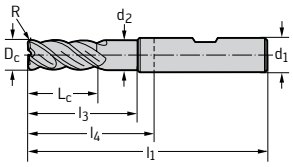
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-10.0W4L200C-	10	2	22	58	9.5	100	60	10	4	☺
MC326-12.0W4L050C-	12	0.5	26	53	11.4	100	55	12	4	☺
MC326-12.0W4L100C-	12	1	26	53	11.4	100	55	12	4	☺
MC326-14.0W4L050C-	14	0.5	26	57	13.3	104	59	14	4	☺
MC326-16.0W4L050C-	16	0.5	32	65	15.2	115	67	16	4	☺
MC326-16.0W4L100C-	16	1	32	65	15.2	115	67	16	4	☺
MC326-16.0W4L200C-	16	2	32	65	15.2	115	67	16	4	☺
MC326-16.0W4L300C-	16	3	32	65	15.2	115	67	16	4	☺
MC326-16.0W4L400C-	16	4	32	65	15.2	115	67	16	4	☺
MC326-20.0W4L100C-	20	1	38	73	19	125	75	20	4	☺
MC326-20.0W4L200C-	20	2	38	73	19	125	75	20	4	☺
MC326-20.0W4L300C-	20	3	38	73	19	125	75	20	4	☺
MC326-20.0W4L400C-	20	4	38	73	19	125	75	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3L100C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

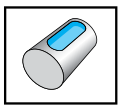
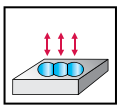
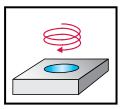
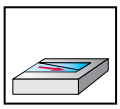
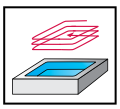
☺ 😐 ☹ / ★ = New addition to the product range

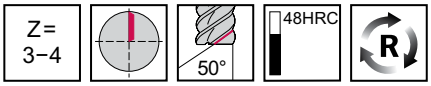
Solid carbide routing cutters

MC726 Supreme mm

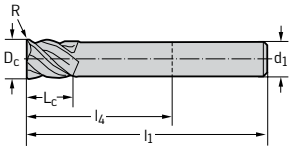
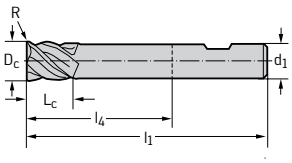



– Corner radius



	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool	Designation	D_c e8 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
 DIN 6535 HA	MC726-02.8A3A008J-	2.8	0.08	3	50	14	6	3	
	MC726-03.0A3A008J-	3	0.08	3	50	14	6	3	
	MC726-03.8A3A008J-	3.8	0.08	4	54	18	6	3	
	MC726-04.0A3A008J-	4	0.08	4	54	18	6	3	
	MC726-04.8A3A016J-	4.8	0.16	5	54	18	6	3	
	MC726-05.0A3A016J-	5	0.16	5	54	18	6	3	
	MC726-05.8A4A016J-	5.75	0.16	6	54	18	6	4	
	MC726-06.0A4A016J-	6	0.16	6	54	18	6	4	
	MC726-07.8A4A016J-	7.75	0.16	8	58	22	8	4	
	MC726-08.0A4A016J-	8	0.16	8	58	22	8	4	
	MC726-09.7A4A025J-	9.7	0.25	10	66	26	10	4	
	MC726-10.0A4A025J-	10	0.25	10	66	26	10	4	
	MC726-12.0A4A025J-	12	0.25	12	73	28	12	4	
	MC726-14.0A4A025J-	14	0.25	14	75	30	14	4	
	MC726-16.0A4A025J-	16	0.25	16	82	34	16	4	
 DIN 6535 HB	MC726-02.8W3A008J-	2.8	0.08	3	50	14	6	3	
	MC726-03.0W3A008J-	3	0.08	3	50	14	6	3	
	MC726-03.8W3A008J-	3.8	0.08	4	54	18	6	3	
	MC726-04.0W3A008J-	4	0.08	4	54	18	6	3	
	MC726-04.8W3A016J-	4.8	0.16	5	54	18	6	3	
	MC726-05.0W3A016J-	5	0.16	5	54	18	6	3	
	MC726-05.8W4A016J-	5.75	0.16	6	54	18	6	4	
	MC726-06.0W4A016J-	6	0.16	6	54	18	6	4	
	MC726-07.8W4A016J-	7.75	0.16	8	58	22	8	4	
	MC726-08.0W4A016J-	8	0.16	8	58	22	8	4	
	MC726-09.7W4A025J-	9.7	0.25	10	66	26	10	4	
	MC726-10.0W4A025J-	10	0.25	10	66	26	10	4	
	MC726-12.0W4A025J-	12	0.25	12	73	28	12	4	
	MC726-14.0W4A025J-	14	0.25	14	75	30	14	4	
	MC726-16.0W4A025J-	16	0.25	16	82	34	16	4	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC726-02.8A3A008J-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

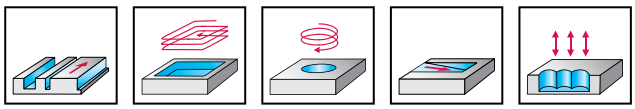
Solid carbide shoulder/slot milling cutters

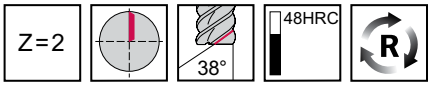
MC230 Advance mm

Xill·tec®



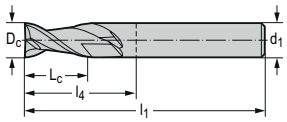
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A2B-	2	0.1	6	57	21	6	2	☺
MC230-02.5A2B-	2.5	0.1	7	57	21	6	2	☺
MC230-03.0A2B-	3	0.1	7	57	21	6	2	☺
MC230-03.5A2B-	3.5	0.1	7	57	21	6	2	☺
MC230-04.0A2B-	4	0.1	8	57	21	6	2	☺
MC230-04.5A2B-	4.5	0.1	8	57	21	6	2	☺
MC230-05.0A2B-	5	0.1	10	57	21	6	2	☺
MC230-06.0A2B-	6	0.1	10	57	21	6	2	☺
MC230-07.0A2B-	7	0.1	13	63	27	8	2	☺
MC230-08.0A2B-	8	0.1	16	63	27	8	2	☺
MC230-09.0A2B-	9	0.1	16	72	32	10	2	☺
MC230-10.0A2B-	10	0.1	19	72	32	10	2	☺
MC230-11.0A2B-	11	0.1	22	83	38	12	2	☺
MC230-12.0A2B-	12	0.1	22	83	38	12	2	☺
MC230-14.0A2B-	14	0.15	22	83	38	14	2	☺
MC230-16.0A2B-	16	0.15	26	92	44	16	2	☺
MC230-18.0A2B-	18	0.15	26	92	44	18	2	☺
MC230-20.0A2B-	20	0.15	32	104	54	20	2	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A2B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

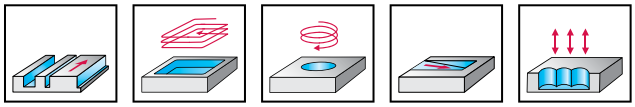
Solid carbide shoulder/slot milling cutters

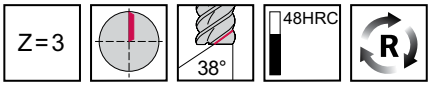
MC230 Advance mm

Xill·tec®



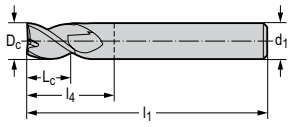
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A3S-	2	0.1	3	39	12	6	3	☺
MC230-03.0A3S-	3	0.1	4	39	12	6	3	☺
MC230-04.0A3S-	4	0.1	5	39	12	6	3	☺
MC230-05.0A3S-	5	0.1	6	39	12	6	3	☺
MC230-06.0A3S-	6	0.1	7	39	12	6	3	☺
MC230-08.0A3S-	8	0.1	9	44	17	8	3	☺
MC230-10.0A3S-	10	0.1	11	51	20	10	3	☺
MC230-12.0A3S-	12	0.1	13	56	22	12	3	☺

Slot milling $a_p \leq 0.8 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3S-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

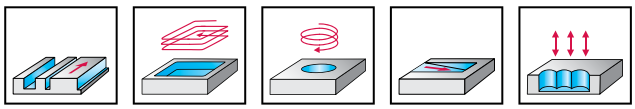
Solid carbide shoulder/slot milling cutters

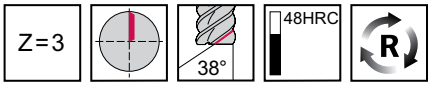
MC230 Advance mm

Xill·tec®

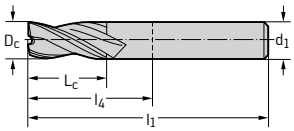
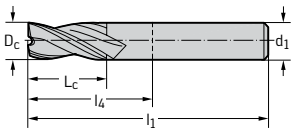


– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool	Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.0A3B-	2	0.1	6	57	21	6	3	●
	MC230-02.5A3B-	2.5	0.1	7	57	21	6	3	●
	MC230-03.0A3B-	3	0.1	7	57	21	6	3	●
	MC230-03.5A3B-	3.5	0.1	7	57	21	6	3	●
	MC230-04.0A3B-	4	0.1	8	57	21	6	3	●
	MC230-04.5A3B-	4.5	0.1	8	57	21	6	3	●
	MC230-05.0A3B-	5	0.1	10	57	21	6	3	●
	MC230-05.5A3B-	5.5	0.1	10	57	21	6	3	●
	MC230-06.0A3B-	6	0.1	10	57	21	6	3	●
	MC230-06.5A3B-	6.5	0.1	13	63	27	8	3	●
	MC230-07.0A3B-	7	0.1	13	63	27	8	3	●
	MC230-07.5A3B-	7.5	0.1	16	63	27	8	3	●
	MC230-08.0A3B-	8	0.1	16	63	27	8	3	●
	MC230-09.0A3B-	9	0.1	16	72	32	10	3	●
	MC230-10.0A3B-	10	0.1	19	72	32	10	3	●
	MC230-11.0A3B-	11	0.1	22	83	38	12	3	●
	MC230-12.0A3B-	12	0.1	22	83	38	12	3	●
	MC230-13.0A3B-	13	0.15	22	83	38	14	3	●
	MC230-14.0A3B-	14	0.15	22	83	38	14	3	●
	MC230-15.0A3B-	15	0.15	26	92	44	16	3	●
	MC230-16.0A3B-	16	0.15	26	92	44	16	3	●
	MC230-18.0A3B-	18	0.15	26	92	44	18	3	●
	MC230-20.0A3B-	20	0.15	32	104	54	20	3	●
 DIN 6535 HA	MC230-01.0A3BJ-	1		3	38	10	3	3	●
	MC230-01.1A3BJ-	1.1		3	38	10	3	3	●
	MC230-01.2A3BJ-	1.2		3	38	10	3	3	●
	MC230-01.3A3BJ-	1.3		3	38	10	3	3	●
	MC230-01.4A3BJ-	1.4		3	38	10	3	3	●
	MC230-01.5A3BJ-	1.5		3	38	10	3	3	●
	MC230-01.6A3BJ-	1.6		3	38	10	3	3	●
	MC230-01.7A3BJ-	1.7		3	38	10	3	3	●
	MC230-01.8A3BJ-	1.8		3	38	10	3	3	●
	MC230-01.9A3BJ-	1.9		3	38	10	3	3	●
	MC230-02.0A3BJ-	2	0.1	3	38	10	3	3	●

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

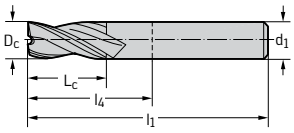
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ● → Average = ● → Poor = ● machining conditions

● ● ● / ★ = New addition to the product range

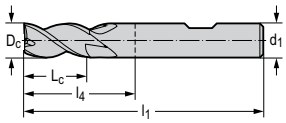
Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.1A3BJ-	2.1	0.1	3	38	10	3	3	☺
MC230-02.2A3BJ-	2.2	0.1	3	38	10	3	3	☺
MC230-02.3A3BJ-	2.3	0.1	3	38	10	3	3	☺
MC230-02.4A3BJ-	2.4	0.1	3	38	10	3	3	☺
MC230-02.5A3BJ-	2.5	0.1	3	38	10	3	3	☺
MC230-02.6A3BJ-	2.6	0.1	3	38	10	3	3	☺
MC230-02.7A3BJ-	2.7	0.1	3	38	10	3	3	☺
MC230-02.8A3BJ-	2.8	0.1	3	38	10	3	3	☺
MC230-02.9A3BJ-	2.9	0.1	3	38	10	3	3	☺
MC230-03.0A3BJ-	3	0.1	3	38	10	3	3	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-01.0W3B-	1		3	57	21	6	3	☺
MC230-01.5W3B-	1.5		3	57	21	6	3	☺
MC230-02.0W3B-	2	0.1	6	57	21	6	3	☺
MC230-02.5W3B-	2.5	0.1	7	57	21	6	3	☺
MC230-03.0W3B-	3	0.1	7	57	21	6	3	☺
MC230-03.5W3B-	3.5	0.1	7	57	21	6	3	☺
MC230-04.0W3B-	4	0.1	8	57	21	6	3	☺
MC230-04.5W3B-	4.5	0.1	8	57	21	6	3	☺
MC230-05.0W3B-	5	0.1	10	57	21	6	3	☺
MC230-05.5W3B-	5.5	0.1	10	57	21	6	3	☺
MC230-06.0W3B-	6	0.1	10	57	21	6	3	☺
MC230-08.0W3B-	8	0.1	16	63	27	8	3	☺
MC230-09.0W3B-	9	0.1	16	72	32	10	3	☺
MC230-10.0W3B-	10	0.1	19	72	32	10	3	☺
MC230-12.0W3B-	12	0.1	22	83	38	12	3	☺
MC230-14.0W3B-	14	0.15	22	83	38	14	3	☺
MC230-16.0W3B-	16	0.15	26	92	44	16	3	☺
MC230-20.0W3B-	20	0.15	32	104	54	20	3	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

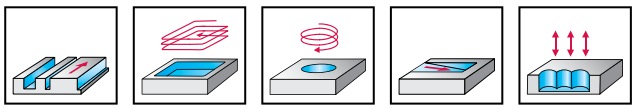
Solid carbide shoulder/slot milling cutters

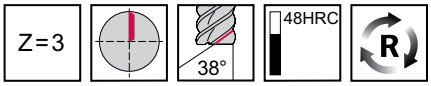
MC230 Advance mm

Xill·tec®



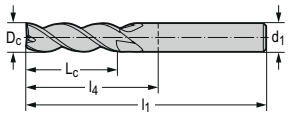
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-01.0A3L-	1		4	38	10	3	3	
MC230-01.5A3L-	1.5		6	38	10	3	3	
MC230-02.0A3L-	2	0.1	8	38	10	3	3	
MC230-03.0A3L-	3	0.1	12	38	12	3	3	
MC230-04.0A3L-	4	0.1	14	50	22	4	3	
MC230-05.0A3L-	5	0.1	16	57	21	6	3	
MC230-06.0A3L-	6	0.1	22	65	29	6	3	
MC230-08.0A3L-	8	0.1	28	80	44	8	3	
MC230-10.0A3L-	10	0.1	32	100	60	10	3	
MC230-12.0A3L-	12	0.1	38	100	55	12	3	
MC230-16.0A3L-	16	0.15	50	115	67	16	3	
MC230-20.0A3L-	20	0.15	50	125	75	20	3	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-01.0A3L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

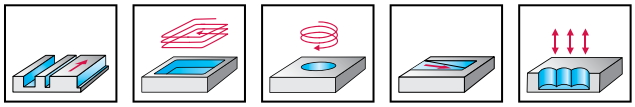
Solid carbide shoulder/slot milling cutters

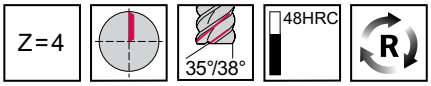
MC230 Advance mm

Xill·tec®



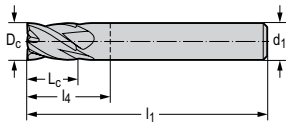
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A4S-	2	0.1	3	39	12	6	4	☺
MC230-03.0A4S-	3	0.1	4	39	12	6	4	☺
MC230-04.0A4S-	4	0.1	5	39	12.3	6	4	☺
MC230-05.0A4S-	5	0.1	6	39	12	6	4	☺
MC230-06.0A4S-	6	0.1	7	39	12	6	4	☺
MC230-08.0A4S-	8	0.1	9	44	17	8	4	☺
MC230-10.0A4S-	10	0.1	11	51	20	10	4	☺
MC230-12.0A4S-	12	0.1	13	56	22	12	4	☺

Slot milling $a_p \leq 0.8 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4S-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

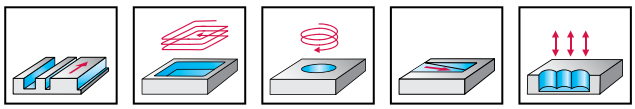
Solid carbide shoulder/slot milling cutters

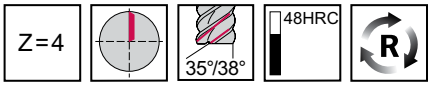
MC230 Advance mm

Xill·tec®



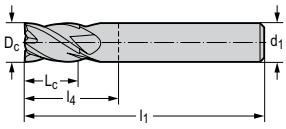
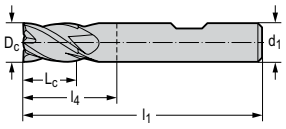
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA								
MC230-02.0A4A-	2	0.1	4	50	14	6	4	☺
MC230-03.0A4A-	3	0.1	5	50	14	6	4	☺
MC230-04.0A4A-	4	0.1	8	54	18	6	4	☺
MC230-05.0A4A-	5	0.1	9	54	18	6	4	☺
MC230-06.0A4A-	6	0.1	10	54	18	6	4	☺
MC230-07.0A4A-	7	0.1	11	58	22	8	4	☺
MC230-08.0A4A-	8	0.1	12	58	22	8	4	☺
MC230-10.0A4A-	10	0.1	14	66	26	10	4	☺
MC230-12.0A4A-	12	0.1	16	73	28	12	4	☺
MC230-14.0A4A-	14	0.15	18	75	30	14	4	☺
MC230-16.0A4A-	16	0.15	22	82	34	16	4	☺
MC230-18.0A4A-	18	0.15	24	84	36	18	4	☺
MC230-20.0A4A-	20	0.15	26	92	42	20	4	☺
 DIN 6535 HB								
MC230-02.0W4A-	2	0.1	4	50	14	6	4	☺
MC230-03.0W4A-	3	0.1	5	50	14	6	4	☺
MC230-04.0W4A-	4	0.1	8	54	18	6	4	☺
MC230-05.0W4A-	5	0.1	9	54	18	6	4	☺
MC230-06.0W4A-	6	0.1	10	54	18	6	4	☺
MC230-08.0W4A-	8	0.1	12	58	22	8	4	☺
MC230-10.0W4A-	10	0.1	14	66	26	10	4	☺
MC230-12.0W4A-	12	0.1	16	73	28	12	4	☺
MC230-14.0W4A-	14	0.15	18	75	30	14	4	☺
MC230-16.0W4A-	16	0.15	22	82	34	16	4	☺
MC230-20.0W4A-	20	0.15	26	92	42	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4A-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

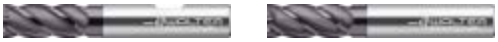
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

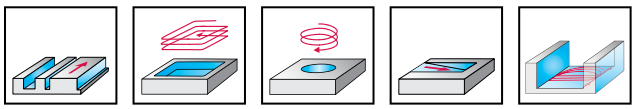
Solid carbide shoulder/slot milling cutters

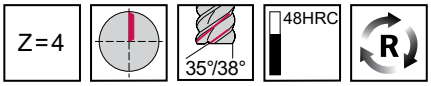
MC230 Advance mm

Xill·tec®



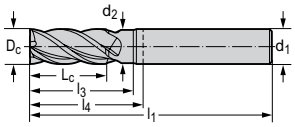
– Reduced neck
– l_{11} - Corner chamfer





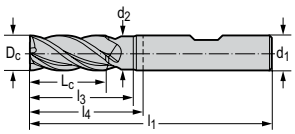
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A4BC-	2	0.1	7	11	1.9	57	21	6	4	☺
MC230-02.5A4BC-	2.5	0.1	8	12	2.4	57	21	6	4	☺
MC230-03.0A4BC-	3	0.1	8	12	2.9	57	21	6	4	☺
MC230-03.5A4BC-	3.5	0.1	10	15	3.3	57	21	6	4	☺
MC230-04.0A4BC-	4	0.1	11	15	3.8	57	21	6	4	☺
MC230-04.5A4BC-	4.5	0.1	11	18	4.3	57	21	6	4	☺
MC230-05.0A4BC-	5	0.1	13	18	4.8	57	21	6	4	☺
MC230-05.5A4BC-	5.5	0.1	13	19	5.2	57	21	6	4	☺
MC230-06.0A4BC-	6	0.1	13	19	5.7	57	21	6	4	☺
MC230-06.5A4BC-	6.5	0.1	16	25	6.2	63	27	8	4	☺
MC230-07.0A4BC-	7	0.1	16	25	6.7	63	27	8	4	☺
MC230-08.0A4BC-	8	0.1	19	25	7.6	63	27	8	4	☺
MC230-09.0A4BC-	9	0.1	19	30	8.6	72	32	10	4	☺
MC230-10.0A4BC-	10	0.1	22	30	9.5	72	32	10	4	☺
MC230-12.0A4BC-	12	0.1	26	36	11.4	83	38	12	4	☺
MC230-14.0A4BC-	14	0.15	26	36	13.3	83	38	14	4	☺
MC230-16.0A4BC-	16	0.15	32	42	15.2	92	44	16	4	☺
MC230-18.0A4BC-	18	0.15	32	42	17.1	92	44	18	4	☺
MC230-20.0A4BC-	20	0.15	38	52	19	104	54	20	4	☺



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0W4BC-	2	0.1	7	11	1.9	57	21	6	4	☺
MC230-02.5W4BC-	2.5	0.1	8	12	2.4	57	21	6	4	☺
MC230-03.0W4BC-	3	0.1	8	12	2.9	57	21	6	4	☺
MC230-04.0W4BC-	4	0.1	11	15	3.8	57	21	6	4	☺
MC230-05.0W4BC-	5	0.1	13	18	4.8	57	21	6	4	☺
MC230-06.0W4BC-	6	0.1	13	19	5.7	57	21	6	4	☺
MC230-07.0W4BC-	7	0.1	16	25	6.7	63	27	8	4	☺
MC230-08.0W4BC-	8	0.1	19	25	7.6	63	27	8	4	☺
MC230-09.0W4BC-	9	0.1	19	30	8.6	72	32	10	4	☺
MC230-10.0W4BC-	10	0.1	22	30	9.5	72	32	10	4	☺
MC230-12.0W4BC-	12	0.1	26	36	11.4	83	38	12	4	☺
MC230-14.0W4BC-	14	0.15	26	36	13.3	83	38	14	4	☺
MC230-16.0W4BC-	16	0.15	32	42	15.2	92	44	16	4	☺
MC230-18.0W4BC-	18	0.15	32	42	17.1	92	44	18	4	☺
MC230-20.0W4BC-	20	0.15	38	52	19	104	54	20	4	☺

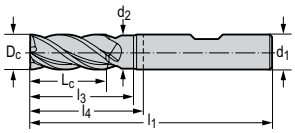
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 MC230-25.0W4BC-	25	0.15	45	63	23.8	121	65	25	4	☺

DIN 6535 HB

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

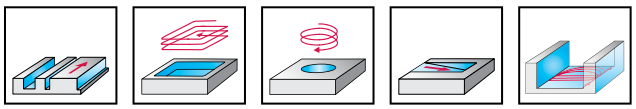
Solid carbide shoulder/slot milling cutters

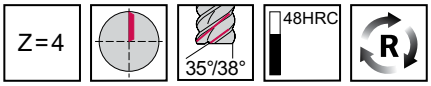
MC230 Advance mm

Xill·tec®



– Reduced neck
– l_{11} - Corner chamfer
– long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
DIN 6535 HA										
MC230-06.0A4LC-	6	0.1	13	27	5.7	65	29	6	4	😐
MC230-08.0A4LC-	8	0.1	19	42	7.6	80	44	8	4	😐
MC230-10.0A4LC-	10	0.1	22	58	9.5	100	60	10	4	😐
MC230-12.0A4LC-	12	0.1	26	53	11.4	100	55	12	4	😐
MC230-16.0A4LC-	16	0.15	32	65	15.2	115	67	16	4	😐
MC230-20.0A4LC-	20	0.15	38	73	19	125	75	20	4	😐
DIN 6535 HB										
MC230-06.0W4LC-	6	0.1	13	27	5.7	65	29	6	4	😐
MC230-08.0W4LC-	8	0.1	19	42	7.6	80	44	8	4	😐
MC230-10.0W4LC-	10	0.1	22	58	9.5	100	60	10	4	😐
MC230-12.0W4LC-	12	0.1	26	53	11.4	100	55	12	4	😐
MC230-16.0W4LC-	16	0.15	32	65	15.2	115	67	16	4	😐
MC230-20.0W4LC-	20	0.15	38	73	19	125	75	20	4	😐

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4LC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = 😣 machining conditions

New addition to the product range = 😀 😐 😣 / ★

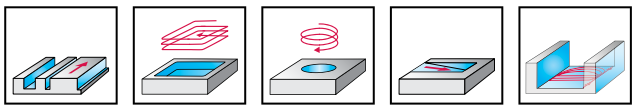
Solid carbide shoulder/slot milling cutters

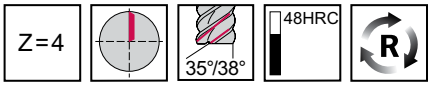
MC230 Advance mm

Xill·tec®



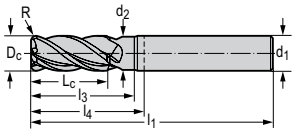
– Reduced neck
– Corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A4B020C-	2	0.2	7	11	1.9	57	21	6	4	☺
MC230-03.0A4B030C-	3	0.3	8	12	2.9	57	21	6	4	☺
MC230-03.0A4B050C-	3	0.5	8	12	2.9	57	21	6	4	☺
MC230-04.0A4B020C-	4	0.2	11	15	3.8	57	21	6	4	☺
MC230-04.0A4B050C-	4	0.5	11	15	3.8	57	21	6	4	☺
MC230-05.0A4B050C-	5	0.5	13	18	4.8	57	21	6	4	☺
MC230-05.0A4B100C-	5	1	13	18	4.8	57	21	6	4	☺
MC230-06.0A4B050C-	6	0.5	13	19	5.7	57	21	6	4	☺
MC230-06.0A4B080C-	6	0.8	13	19	5.7	57	21	6	4	☺
MC230-06.0A4B100C-	6	1	13	19	5.7	57	21	6	4	☺
MC230-08.0A4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B080C-	8	0.8	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B100C-	8	1	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B150C-	8	1.5	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B200C-	8	2	19	25	7.6	63	27	8	4	☺
MC230-10.0A4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B080C-	10	0.8	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B150C-	10	1.5	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MC230-12.0A4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B080C-	12	0.8	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B150C-	12	1.5	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B250C-	12	2.5	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B300C-	12	3	26	36	11.4	83	38	12	4	☺
MC230-16.0A4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B250C-	16	2.5	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B300C-	16	3	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B400C-	16	4	32	42	15.2	92	44	16	4	☺
MC230-20.0A4B050C-	20	0.5	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

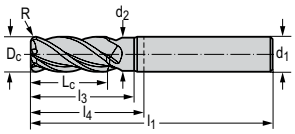
WALTER SELECT

●● Primary application ● Other application

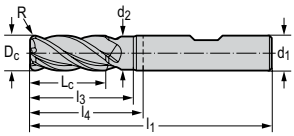
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
MC230-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺
MC230-20.0A4B250C-	20	2.5	38	52	19	104	54	20	4	☺
MC230-20.0A4B300C-	20	3	38	52	19	104	54	20	4	☺
MC230-20.0A4B400C-	20	4	38	52	19	104	54	20	4	☺
MC230-05.0W4B050C-	5	0.5	13	18	4.8	57	21	6	4	☺
MC230-06.0W4B050C-	6	0.5	13	19	5.7	57	21	6	4	☺
MC230-06.0W4B080C-	6	0.8	13	19	5.7	57	21	6	4	☺
MC230-06.0W4B100C-	6	1	13	19	5.7	57	21	6	4	☺
MC230-08.0W4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
MC230-08.0W4B080C-	8	0.8	19	25	7.6	63	27	8	4	☺
MC230-08.0W4B100C-	8	1	19	25	7.6	63	27	8	4	☺
MC230-08.0W4B150C-	8	1.5	19	25	7.6	63	27	8	4	☺
MC230-08.0W4B200C-	8	2	19	25	7.6	63	27	8	4	☺
MC230-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MC230-10.0W4B080C-	10	0.8	22	30	9.5	72	32	10	4	☺
MC230-10.0W4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MC230-10.0W4B150C-	10	1.5	22	30	9.5	72	32	10	4	☺
MC230-10.0W4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MC230-12.0W4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MC230-12.0W4B080C-	12	0.8	26	36	11.4	83	38	12	4	☺
MC230-12.0W4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MC230-12.0W4B150C-	12	1.5	26	36	11.4	83	38	12	4	☺
MC230-12.0W4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MC230-12.0W4B250C-	12	2.5	26	36	11.4	83	38	12	4	☺
MC230-12.0W4B300C-	12	3	26	36	11.4	83	38	12	4	☺
MC230-16.0W4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MC230-16.0W4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MC230-16.0W4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MC230-16.0W4B250C-	16	2.5	32	42	15.2	92	44	16	4	☺
MC230-16.0W4B300C-	16	3	32	42	15.2	92	44	16	4	☺
MC230-16.0W4B400C-	16	4	32	42	15.2	92	44	16	4	☺
MC230-20.0W4B050C-	20	0.5	38	52	19	104	54	20	4	☺
MC230-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
MC230-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺
MC230-20.0W4B250C-	20	2.5	38	52	19	104	54	20	4	☺
MC230-20.0W4B300C-	20	3	38	52	19	104	54	20	4	☺
MC230-20.0W4B400C-	20	4	38	52	19	104	54	20	4	☺
MC230-25.0W4B100C-	25	1	45	63	23.8	121	65	25	4	☺
MC230-25.0W4B200C-	25	2	45	63	23.8	121	65	25	4	☺
MC230-25.0W4B300C-	25	3	45	63	23.8	121	65	25	4	☺
MC230-25.0W4B400C-	25	4	45	63	23.8	121	65	25	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

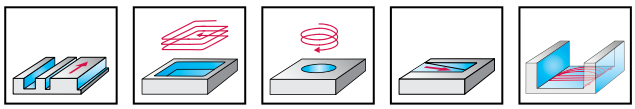
Solid carbide shoulder/slot milling cutters

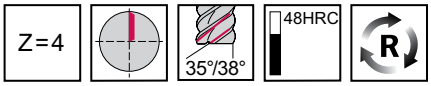
MC230 Advance mm

Xill·tec®



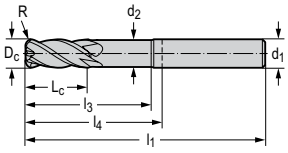
– Reduced neck
– Corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0A4L050C-	6	0.5	13	27	5.7	65	29	6	4	☺
MC230-06.0A4L100C-	6	1	13	27	5.7	65	29	6	4	☺
MC230-08.0A4L050C-	8	0.5	19	42	7.6	80	44	8	4	☺
MC230-08.0A4L100C-	8	1	19	42	7.6	80	44	8	4	☺
MC230-08.0A4L200C-	8	2	19	42	7.6	80	44	8	4	☺
MC230-10.0A4L050C-	10	0.5	22	58	9.5	100	60	10	4	☺
MC230-10.0A4L100C-	10	1	22	58	9.5	100	60	10	4	☺
MC230-10.0A4L200C-	10	2	22	58	9.5	100	60	10	4	☺
MC230-12.0A4L050C-	12	0.5	26	53	11.4	100	55	12	4	☺
MC230-12.0A4L100C-	12	1	26	53	11.4	100	55	12	4	☺
MC230-12.0A4L200C-	12	2	26	53	11.4	100	55	12	4	☺
MC230-12.0A4L300C-	12	3	26	53	11.4	100	55	12	4	☺
MC230-16.0A4L100C-	16	1	32	65	15.2	115	67	16	4	☺
MC230-16.0A4L200C-	16	2	32	65	15.2	115	67	16	4	☺
MC230-16.0A4L400C-	16	4	32	65	15.2	115	67	16	4	☺
MC230-20.0A4L100C-	20	1	38	73	19	125	75	20	4	☺
MC230-20.0A4L200C-	20	2	38	73	19	125	75	20	4	☺
MC230-20.0A4L400C-	20	4	38	73	19	125	75	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4L050C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

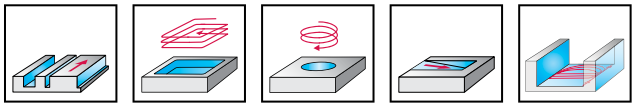
Solid carbide shoulder/slot milling cutters

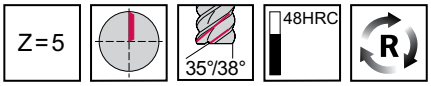
MC230 Advance mm

Xill·tec®



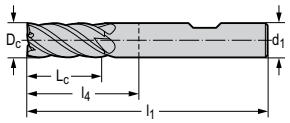
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0W5B-	6	0.1	13	57	21	6	5	
MC230-08.0W5B-	8	0.1	19	63	27	8	5	
MC230-10.0W5B-	10	0.1	22	72	32	10	5	
MC230-12.0W5B-	12	0.1	26	83	38	12	5	
MC230-16.0W5B-	16	0.15	32	92	44	16	5	
MC230-20.0W5B-	20	0.15	38	104	54	20	5	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0W5B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

New addition to the product range = / ★

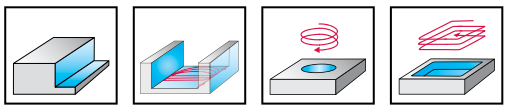
Solid carbide shoulder/slot milling cutters

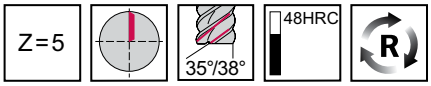
MC230 Advance mm

Xill·tec®



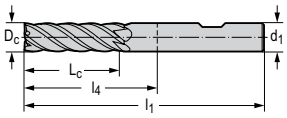
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0W5L-	6	0.1	22	65	29	6	5	☺
MC230-08.0W5L-	8	0.1	28	80	44	8	5	☺
MC230-10.0W5L-	10	0.1	32	100	60	10	5	☺
MC230-12.0W5L-	12	0.1	40	100	55	12	5	☺

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0W5L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

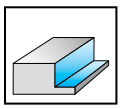
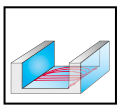
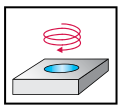
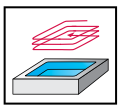
Solid carbide shoulder/slot milling cutters

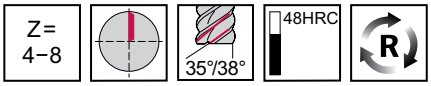
MC230 Advance mm

Xill·tec®



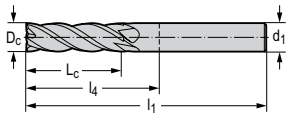

– l_{11} - Corner chamfer



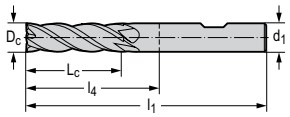
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0A4L-	6	0.1	22	65	29	6	4	
MC230-08.0A4L-	8	0.1	28	80	44	8	4	
MC230-10.0A4L-	10	0.1	32	100	60	10	4	
MC230-12.0A4L-	12	0.1	40	100	55	12	4	
MC230-14.0A4L-	14	0.15	50	104	59	14	4	
MC230-16.0A5L-	16	0.15	50	115	67	16	5	
MC230-20.0A5L-	20	0.15	55	125	75	20	5	
MC230-20.0A6LJ-	20	0.15	75	145	95	20	6	
MC230-25.0A8LJ-	25	0.15	90	153	97	25	8	



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0W4L-	6	0.1	22	65	29	6	4	
MC230-08.0W4L-	8	0.1	28	80	44	8	4	
MC230-10.0W4L-	10	0.1	32	100	60	10	4	
MC230-12.0W4L-	12	0.1	40	100	55	12	4	
MC230-14.0W4L-	14	0.15	50	104	59	14	4	
MC230-16.0W5L-	16	0.15	50	115	67	16	5	
MC230-20.0W5L-	20	0.15	55	125	75	20	5	
MC230-20.0W6LJ-	20	0.15	75	145	95	20	6	
MC230-25.0W8LJ-	25	0.15	90	153	97	25	8	

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

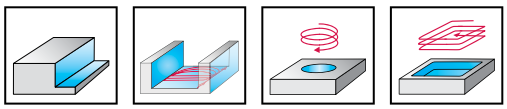
Solid carbide shoulder/slot milling cutters

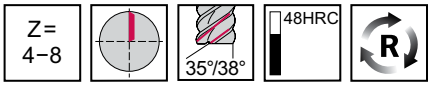
MC230 Advance mm

Xill·tec®



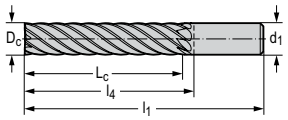

– l_{11} - Corner chamfer



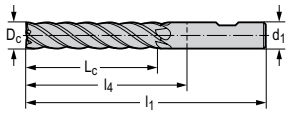


	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0A4XL-	6	0.1	30	80	44	6	4	☺
MC230-08.0A4XL-	8	0.1	40	97	61	8	4	☺
MC230-10.0A4XL-	10	0.1	50	118	78	10	4	☺
MC230-12.0A4XL-	12	0.1	60	120	75	12	4	☺
MC230-16.0A5XK-	16	0.15	65	130	82	16	5	☺
MC230-16.0A5XL-	16	0.15	80	145	97	16	5	☺
MC230-20.0A6XL-	20	0.15	100	170	120	20	6	☺
MC230-25.0A8XL-	25	0.15	125	188	132	25	8	☺
MC230-04.0W4XL-	4	0.1	20	65	29	6	4	☺
MC230-05.0W4XL-	5	0.1	25	65	29	6	4	☺
MC230-06.0W4XL-	6	0.1	30	80	44	6	4	☺
MC230-08.0W4XL-	8	0.1	40	97	61	8	4	☺
MC230-10.0W4XL-	10	0.1	50	118	78	10	4	☺
MC230-12.0W4XL-	12	0.1	60	120	75	12	4	☺
MC230-14.0W4XL-	14	0.15	70	124	79	14	4	☺
MC230-16.0W5XK-	16	0.15	65	130	82	16	5	☺
MC230-16.0W5XL-	16	0.15	80	145	97	16	5	☺
MC230-18.0W5XL-	18	0.15	90	155	107	18	5	☺
MC230-20.0W6XL-	20	0.15	100	170	120	20	6	☺
MC230-25.0W8XL-	25	0.15	125	188	132	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4XL-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

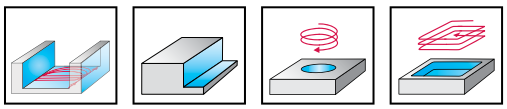
Solid carbide shoulder milling cutters

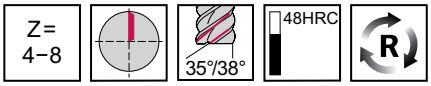
MC233 Advance mm

Xill·tec®



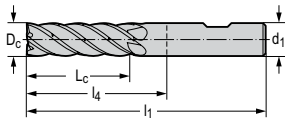
– l_{11} - Corner chamfer
– Chip breaker





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC233-08.0W4L-	8	0.1	28	80	44	8	4	☺
MC233-10.0W4L-	10	0.1	32	100	60	10	4	☺
MC233-12.0W4L-	12	0.1	40	100	55	12	4	☺
MC233-16.0W5L-	16	0.15	50	115	67	16	5	☺
MC233-20.0W5L-	20	0.15	55	125	75	20	5	☺
MC233-25.0W8LJ-	25	0.15	90	153	97	25	8	☺

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC233-08.0W4L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

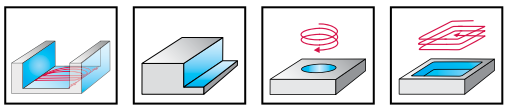
Solid carbide shoulder milling cutters

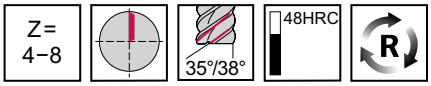
MC233 Advance mm

Xill·tec®



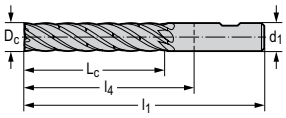
– l_{11} - Corner chamfer
– Chip breaker





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC233-08.0W4XL-	8	0.1	40	97	61	8	4	☺
MC233-10.0W4XL-	10	0.1	50	118	78	10	4	☺
MC233-12.0W4XL-	12	0.1	60	120	75	12	4	☺
MC233-16.0W5XL-	16	0.15	80	145	97	16	5	☺
MC233-20.0W6XL-	20	0.15	100	170	120	20	6	☺
MC233-25.0W8XL-	25	0.15	125	188	132	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WK40TF: MC233-08.0W4XL-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

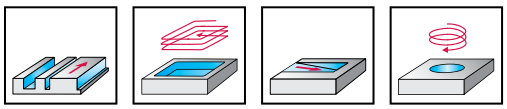
☺ 😐 ☹ / ★ = New addition to the product range

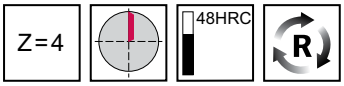
Solid carbide shoulder/slot milling cutters

MC321 Advance inch



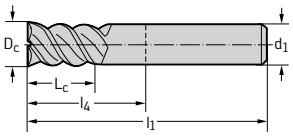
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h11	D_c h11 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC321,3.18A4C-	1/8"	0.1250		0.250	2.500	1.083	0.250	4	
MC321,4.75A4C-	3/16"	0.1875		0.375	2.500	1.083	0.250	4	
MC321,6.35A4C-	1/4"	0.2500		0.500	2.500	1.083	0.250	4	
MC321,7.94A4C-	5/16"	0.3125		0.500	2.500	0.937	0.375	4	
MC321,9.53A4C-	3/8"	0.3750	0.004	0.563	2.500	0.937	0.375	4	
MC321,12.7A4C-	1/2"	0.5000	0.006	0.625	3.000	1.217	0.500	4	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30TF: MC321,12.7A4C-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

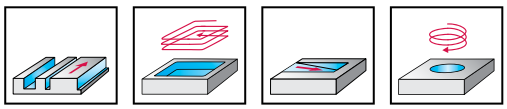
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC213 Advance mm



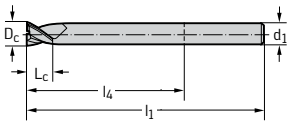
– l_{11} - Corner chamfer
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC213-06.3A2X-	6.3		6	100	64	6	2	😀
MC213-08.3A2X-	8.3		8	100	64	8	2	😀
MC213-10.3A2X-	10.3	0.1	10	150	110	10	2	😀
MC213-14.5A2X-	14.5	0.15	14	150	105	14	2	😀

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC213-06.3A2X-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = 😞 machining conditions

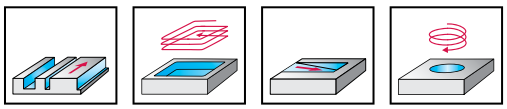
😀 😐 😞 / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC213 Advance mm



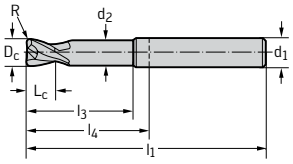
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC213-00.6A2L006C-	0.6	0.06	0.6	2	0.6	54	18	6	2	☺
MC213-00.8A2L008C-	0.8	0.08	0.8	3	0.8	54	18	6	2	☺
MC213-01.0A2L010C-	1	0.1	1	4	1	65	29	6	2	☺
MC213-01.5A2L015C-	1.5	0.15	1.5	6	1.4	65	29	6	2	☺
MC213-02.0A2L020C-	2	0.2	2	8	1.9	72	36	6	2	☺
MC213-02.0A2L050C-	2	0.5	2	8	1.9	72	36	6	2	☺
MC213-03.0A2L020C-	3	0.2	3	12	2.9	72	36	6	2	☺
MC213-03.0A2L030C-	3	0.3	3	12	2.9	72	36	6	2	☺
MC213-04.0A2L040C-	4	0.4	4	16	3.8	72	36	6	2	☺
MC213-05.0A2L050C-	5	0.5	5	20	4.8	72	36	6	2	☺
MC213-06.0A2L020C-	6	0.2	6	24	5.7	72	36	6	2	☺
MC213-06.0A2L050C-	6	0.5	6	24	5.7	72	36	6	2	☺
MC213-08.0A2L030C-	8	0.3	8	29	7.6	80	44	8	2	☺
MC213-08.0A2L050C-	8	0.5	8	29	7.6	80	44	8	2	☺
MC213-08.0A2L100C-	8	1	8	29	7.6	80	44	8	2	☺
MC213-10.0A2L030C-	10	0.3	10	35	9.5	100	60	10	2	☺
MC213-10.0A2L050C-	10	0.5	10	35	9.5	100	60	10	2	☺
MC213-10.0A2L100C-	10	1	10	35	9.5	100	60	10	2	☺
MC213-10.0A2L150C-	10	1.5	10	35	9.5	100	60	10	2	☺
MC213-12.0A2L050C-	12	0.5	12	36	11.4	100	55	12	2	☺
MC213-12.0A2L100C-	12	1	12	36	11.4	100	55	12	2	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30TF: MC213-00.6A2L006C-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

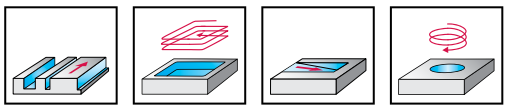
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC213 Advance mm



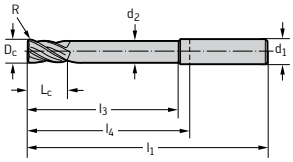
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC213-04.0A2X050R-	4	0.5	4	20	3.9	100	64	6	2	☺
MC213-04.0A2X050S-	4	0.5	4	30	3.9	100	64	6	2	☺
MC213-04.0A2X050T-	4	0.5	4	40	3.9	100	64	6	2	☺
MC213-05.0A2X050R-	5	0.5	5	25	4.9	100	64	6	2	☺
MC213-05.0A2X050S-	5	0.5	5	50	4.9	100	64	6	2	☺
MC213-06.0A4X050R-	6	0.5	6	30	5.9	100	64	6	4	☺
MC213-06.0A4X050S-	6	0.5	6	45	5.9	100	64	6	4	☺
MC213-06.0A4X050T-	6	0.5	6	60	5.9	100	64	6	4	☺
MC213-08.0A4X050R-	8	0.5	8	40	7.9	120	84	8	4	☺
MC213-08.0A4X050S-	8	0.5	8	60	7.9	120	84	8	4	☺
MC213-08.0A4X050T-	8	0.5	8	80	7.9	120	84	8	4	☺
MC213-10.0A4X100S-	10	1	10	50	9.9	150	110	10	4	☺
MC213-10.0A4X100T-	10	1	10	75	9.9	150	110	10	4	☺
MC213-12.0A4X100S-	12	1	12	60	11.8	150	105	12	4	☺

Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30TF: MC213-04.0A2X050R-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

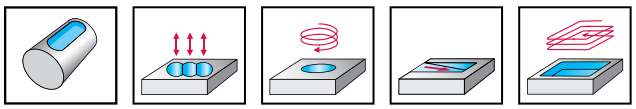
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide routing cutters

MC716 Advance mm



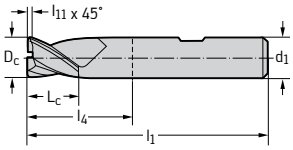
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c e8 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC716-02.0W2A-	2	0.1	3	50	14	6	2	☺
MC716-02.5W2A-	2.5	0.1	3	50	14	6	2	☺
MC716-02.8W2A-	2.8	0.1	4	50	14	6	2	☺
MC716-03.0W2A-	3	0.1	4	50	14	6	2	☺
MC716-03.5W2A-	3.5	0.1	4	50	14	6	2	☺
MC716-03.8W2A-	3.8	0.1	5	54	18	6	2	☺
MC716-04.0W2A-	4	0.1	5	54	18	6	2	☺
MC716-04.8W2A-	4.8	0.15	6	54	18	6	2	☺
MC716-05.0W2A-	5	0.15	6	54	18	6	2	☺
MC716-05.75W2A-	5.75	0.15	7	54	18	6	2	☺
MC716-06.0W2A-	6	0.15	7	54	18	6	2	☺
MC716-07.75W2A-	7.75	0.15	9	58	22	8	2	☺
MC716-08.0W2A-	8	0.15	9	58	22	8	2	☺
MC716-09.0W2A-	9	0.25	10	66	26	10	2	☺
MC716-09.7W2A-	9.7	0.25	11	66	26	10	2	☺
MC716-10.0W2A-	10	0.25	11	66	26	10	2	☺
MC716-11.7W2A-	11.7	0.25	12	73	28	12	2	☺
MC716-12.0W2A-	12	0.25	12	73	28	12	2	☺
MC716-13.7W2A-	13.7	0.25	14	75	30	14	2	☺
MC716-16.0W2A-	16	0.25	16	82	34	16	2	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | *Undersized milling cutter with cutting edge tolerance h10 | Ordering example for the grade WJ30TF: MC716-02.0W2A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

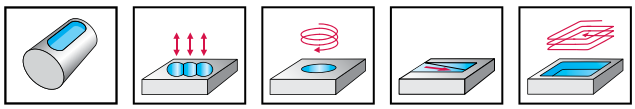
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide routing cutters

MC716 Advance mm



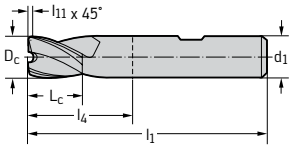
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC716-01.8W3A-	1.8	0.1	3	50	14	6	3	☺
MC716-02.0W3A-	2	0.1	3	50	14	6	3	☺
MC716-02.5W3A-	2.5	0.1	3	50	14	6	3	☺
MC716-02.8W3A-	2.8	0.1	4	50	14	6	3	☺
MC716-03.0W3A-	3	0.1	4	50	14	6	3	☺
MC716-03.5W3A-	3.5	0.1	4	50	14	6	3	☺
MC716-03.8W3A-	3.8	0.1	5	54	18	6	3	☺
MC716-04.0W3A-	4	0.1	5	54	18	6	3	☺
MC716-04.8W3A-	4.8	0.15	6	54	18	6	3	☺
MC716-05.0W3A-	5	0.15	6	54	18	6	3	☺
MC716-05.75W3A-	5.75	0.15	7	54	18	6	3	☺
MC716-06.0W3A-	6	0.15	7	54	18	6	3	☺
MC716-06.75W3A-	6.75	0.15	8	58	22	8	3	☺
MC716-07.0W3A-	7	0.15	8	58	22	8	3	☺
MC716-07.75W3A-	7.75	0.15	9	58	22	8	3	☺
MC716-08.0W3A-	8	0.15	9	58	22	8	3	☺
MC716-09.0W3A-	9	0.25	10	66	26	10	3	☺
MC716-09.7W3A-	9.7	0.25	11	66	26	10	3	☺
MC716-10.0W3A-	10	0.25	11	66	26	10	3	☺
MC716-11.7W3A-	11.7	0.25	12	73	28	12	3	☺
MC716-12.0W3A-	12	0.25	12	73	28	12	3	☺
MC716-13.7W3A-	13.7	0.25	14	75	30	14	3	☺
MC716-14.0W3A-	14	0.25	14	75	30	14	3	☺
MC716-15.7W3A-	15.7	0.25	16	82	34	16	3	☺
MC716-16.0W3A-	16	0.25	16	82	34	16	3	☺
MC716-20.0W3A-	20	0.35	20	92	42	20	3	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | *Undersized milling cutter with cutting edge tolerance h10 | Ordering example for the grade WJ30TF: MC716-01.8W3A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

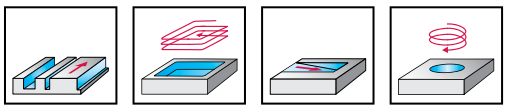
☺ 😐 ☹ / ★ = New addition to the product range

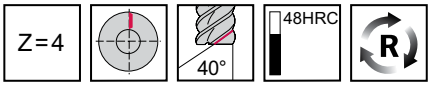
Solid carbide shoulder/slot milling cutter

MC319 Advance mm



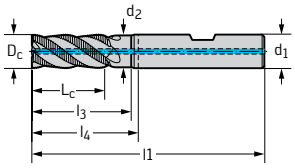
– Reduced neck





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h12 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC319-05.0W4BC-	5	13	16	4.8	57	21	6	4	☺
MC319-06.0W4BC-	6	13	13	5.6	57	21	6	4	☺
MC319-07.0W4BC-	7	16	26	6.5	63	27.3	8	4	☺
MC319-08.0W4BC-	8	19	25	7.5	63	27	8	4	☺
MC319-09.0W4BC-	9	19	31	8.8	72	32	10	4	☺
MC319-10.0W4BC-	10	22	30	9.5	72	32	10	4	☺
MC319-11.0W4BC-	11	26	35	10.5	83	38	12	4	☺
MC319-12.0W4BC-	12	26	36	11.4	83	38	12	4	☺
MC319-13.0W4BC-	13	26	35	12.4	83	38	14	4	☺
MC319-14.0W4BC-	14	26	36	13.3	83	38	14	4	☺
MC319-16.0W4BC-	16	32	42	15.2	92	44	16	4	☺
MC319-18.0W4BC-	18	32	42	17.1	92	44	18	4	☺
MC319-20.0W4BC-	20	38	52	19	104	54	20	4	☺
MC319-25.0W4BC-	25	45	63	23.8	121	65	25	4	☺

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40TF: MC319-05.0W4BC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

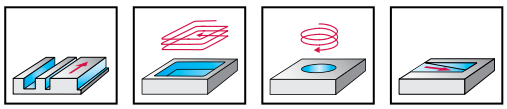
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

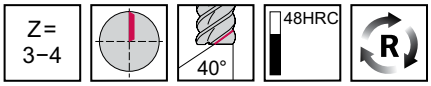
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutter

MC320 Advance mm

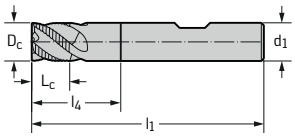






	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC320-06.0W3A-	6	7	54	18	6	3	
MC320-08.0W3A-	8	9	58	18	8	3	
MC320-10.0W3A-	10	11	66	26	10	3	
MC320-12.0W3A-	12	12	73	28	12	3	
MC320-16.0W3A-	16	16	82	34	16	3	
MC320-20.0W3A-	20	20	92	42	20	3	
MC320-06.0W4A-	6	7	54	18	6	4	
MC320-08.0W4A-	8	9	58	18	8	4	
MC320-10.0W4A-	10	11	66	26	10	4	
MC320-12.0W4A-	12	12	73	28	12	4	
MC320-16.0W4A-	16	16	82	34	16	4	
MC320-20.0W4A-	20	20	92	42	20	4	

Ordering example for the grade WK40TF: MC320-06.0W3A-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

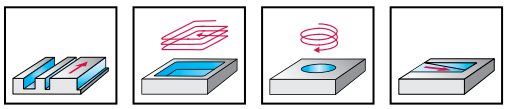
😊 😐 ☹ / ★ = New addition to the product range

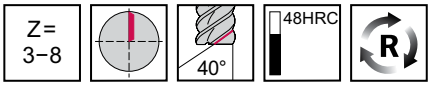
Solid carbide shoulder/slot milling cutter

MC320 Advance mm



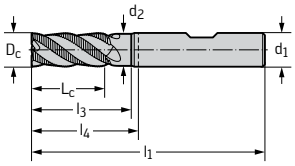
– Reduced neck





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h12 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC320-04.0W3BC-	4	8	15	3.8	57	21	6	3	☺
MC320-04.0W4BC-	4	11	15	3.8	57	21	6	4	☺
MC320-05.0W3BC-	5	10	16	4.8	57	21	6	3	☺
MC320-05.0W4BC-	5	13	16	4.8	57	21	6	4	☺
MC320-06.0W3BC-	6	10	19	5.5	57	21	6	3	☺
MC320-06.0W4BC-	6	13	19	5.5	57	21	6	4	☺
MC320-06.0W5BC-	6	13	19	5.5	57	21	6	5	☺
MC320-08.0W4BC-	8	19	25	7.5	63	27	8	4	☺
MC320-08.0W5BC-	8	19	25	7.5	63	27	8	5	☺
MC320-10.0W4BC-	10	22	30	9.5	72	32	10	4	☺
MC320-10.0W5BC-	10	22	30	9.5	72	32	10	5	☺
MC320-12.0W4BC-	12	26	36	11.4	83	38	12	4	☺
MC320-12.0W5BC-	12	26	36	11.4	83	38	12	5	☺
MC320-14.0W4BC-	14	26	36	13.3	83	38	14	4	☺
MC320-14.0W5BC-	14	26	36	13.3	83	38	14	5	☺
MC320-16.0W4BC-	16	32	42	15.2	92	44	16	4	☺
MC320-16.0W6BC-	16	32	42	15.2	92	44	16	6	☺
MC320-18.0W4BC-	18	32	42	17.1	92	44	18	4	☺
MC320-18.0W6BC-	18	32	42	17.1	92	44	18	6	☺
MC320-20.0W4BC-	20	38	52	19	104	54	20	4	☺
MC320-20.0W6BC-	20	38	52	19	104	54	20	6	☺
MC320-20.0W8BC-	20	38	52	19	104	54	20	8	☺
MC320-25.0W4BC-	25	45	63	23.8	121	65	25	4	☺
MC320-25.0W6BC-	25	45	63	23.8	121	65	25	6	☺
MC320-25.0W8BC-	25	45	63	23.8	121	65	25	8	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40TF: MC320-04.0W3BC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

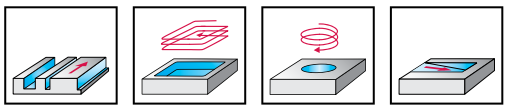
New addition to the product range = ☺ 😐 ☹ / ★

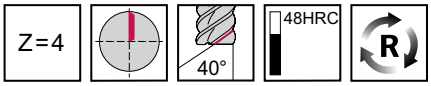
Solid carbide shoulder/slot milling cutter

MC320 Advance inch



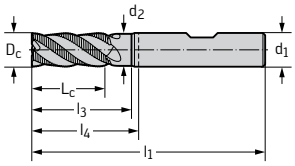
– Reduced neck





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h12	D_c h12 inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC320,6.35W4DC-	1/4"	0.2500	0.750	0.875	0.23	3.000	1.437	0.375	4	☺
MC320,9.52W4DC-	3/8"	0.3750	0.875	1.000	0.355	3.000	1.437	0.375	4	☺
MC320,12.7W4DC-	1/2"	0.5000	1.000	1.374	0.475	3.500	1.717	0.500	4	☺
MC320,19.1W4DC-	3/4"	0.7500	1.500	2.000	0.713	4.000	2.032	0.750	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40TF: MC320,12.7W4DC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

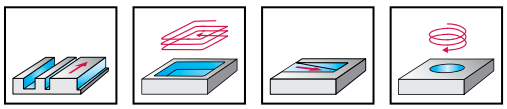
☺ 😐 ☹ / ★ = New addition to the product range

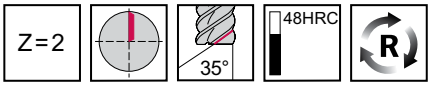
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



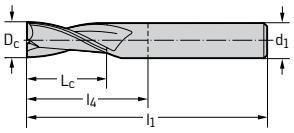
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

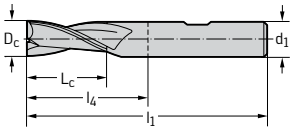
Tool



DIN 6535 HA

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-02.0A2L-	2		6	57	29	4	2	☺
ME232-02.5A2L-	2.5		7	57	29	4	2	☺
ME232-03.0A2L-	3		7	57	29	4	2	☺
ME232-03.5A2L-	3.5		7	57	29	4	2	☺
ME232-04.0A2L-	4		8	57	29	4	2	☺

Ordering example for the grade WJ30ED: ME232-02.0A2L-WJ30ED



DIN 6535 HB

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-05.0W2B-	5		10	57	21	6	2	☺
ME232-06.0W2B-	6		10	57	21	6	2	☺
ME232-08.0W2B-	8		16	63	27	8	2	☺
ME232-10.0W2B-	10	0.1	19	72	32	10	2	☺
ME232-12.0W2B-	12	0.1	22	83	38	12	2	☺
ME232-16.0W2B-	16	0.15	26	92	44	16	2	☺
ME232-20.0W2B-	20	0.15	32	104	54	20	2	☺

Ordering example for the grade WJ30ED: ME232-02.0A2L-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

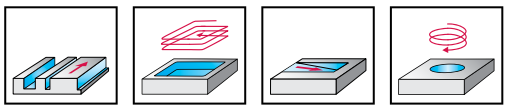
New addition to the product range = ☺ 😐 ☹ / ★

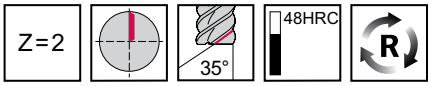
Solid carbide shoulder/slot milling cutters

ME232 Perform inch



– l_{11} - Corner chamfer

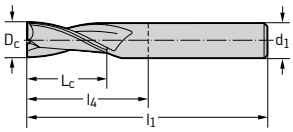




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

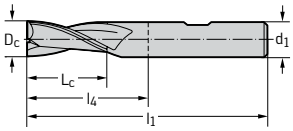
Tool

Designation	D_c	D_c h12 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
ME232,3.18A2D-	1/8"	0.1250		0.500	2.500	1.083	0.250	2	
ME232,6.35A2D-	1/4"	0.2500		0.750	2.500	1.083	0.250	2	



Cylindrical shank

Designation	D_c	D_c h12 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
ME232,9.53W2D-	3/8"	0.3750	0.004	0.875	3.000	1.437	0.375	2	
ME232,12.7W2D-	1/2"	0.5000	0.006	1.000	3.500	1.717	0.500	2	
ME232,15.9W2D-	5/8"	0.6250	0.006	1.250	3.500	1.594	0.625	2	
ME232,19.1W2D-	3/4"	0.7500	0.006	1.500	4.000	1.969	0.750	2	



DIN 6535 HB

Ordering example for the grade WJ30ED: ME232,3.18A2D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

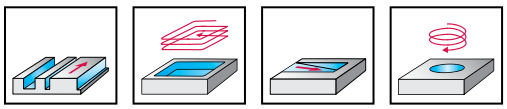
😊 😐 ☹ / ★ = New addition to the product range

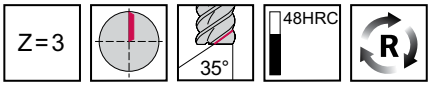
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



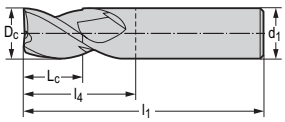
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-03.0A3S-	3		4	39	11	6	3	😐
ME232-04.0A3S-	4		5	39	12	6	3	😐
ME232-05.0A3S-	5		6	39	13	6	3	😐
ME232-06.0A3S-	6		7	39	10	6	3	😐
ME232-08.0A3S-	8		9	44	12	8	3	😐
ME232-10.0A3S-	10	0.1	11	51	14	10	3	😐
ME232-12.0A3S-	12	0.1	13	56	16	12	3	😐
ME232-16.0A3S-	16	0.15	16	63	19	16	3	😐

Ordering example for the grade WJ30ED: ME232-03.0A3S-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

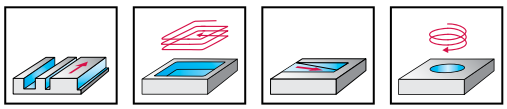
New addition to the product range = 😊 😐 😞 / ★

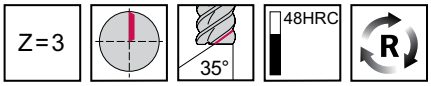
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



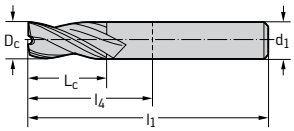
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

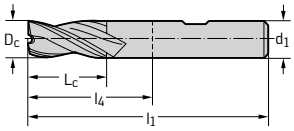
Tool



DIN 6535 HA

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-02.0A3L-	2		6	57	29	4	3	😀
ME232-02.5A3L-	2.5		7	57	29	4	3	😀
ME232-03.0A3L-	3		7	57	29	4	3	😀
ME232-03.5A3L-	3.5		7	57	29	4	3	😀
ME232-04.0A3L-	4		8	57	29	4	3	😀

Ordering example for the grade WJ30ED: ME232-02.0A3L-WJ30ED



DIN 6535 HB

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-05.0W3B-	5		10	57	21	6	3	😀
ME232-06.0W3B-	6		10	57	21	6	3	😀
ME232-08.0W3B-	8		16	63	27	8	3	😀
ME232-10.0W3B-	10	0.1	19	72	32	10	3	😀
ME232-12.0W3B-	12	0.1	22	83	38	12	3	😀
ME232-16.0W3B-	16	0.15	26	92	44	16	3	😀
ME232-20.0W3B-	20	0.15	32	104	54	20	3	😀

Ordering example for the grade WJ30ED: ME232-02.0A3L-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = ☹ machining conditions

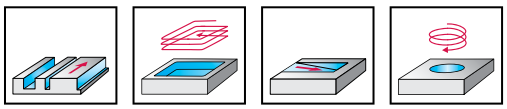
😀 😐 ☹ / ★ = New addition to the product range

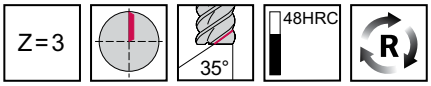
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



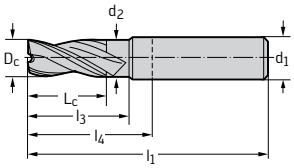
– Reduced neck
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

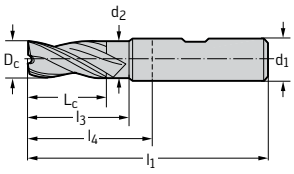
Tool



DIN 6535 HA

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-02.0A3LC-	2		6	11	1.9	57	29	4	3	☺
ME232-02.5A3LC-	2.5		7	12	2.4	57	29	4	3	☺
ME232-03.0A3LC-	3		7	12	2.9	57	29	4	3	☺
ME232-03.5A3LC-	3.5		7	15	3.3	57	29	4	3	☺
ME232-04.0A3LC-	4		8	15	3.8	57	29	4	3	☺

Ordering example for the grade WJ30ED: ME232-02.0A3LC-WJ30ED



DIN 6535 HB

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-05.0W3BC-	5		10	18	4.8	57	21	6	3	☺
ME232-06.0W3BC-	6		10	19	5.7	57	21	6	3	☺
ME232-08.0W3BC-	8		16	25	7.6	63	27	8	3	☺
ME232-10.0W3BC-	10	0.1	19	30	9.5	72	32	10	3	☺
ME232-12.0W3BC-	12	0.1	22	36	11.4	83	38	12	3	☺
ME232-16.0W3BC-	16	0.15	26	42	15.2	92	44	16	3	☺
ME232-20.0W3BC-	20	0.15	32	52	19	104	54	20	3	☺

Ordering example for the grade WJ30ED: ME232-02.0A3LC-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

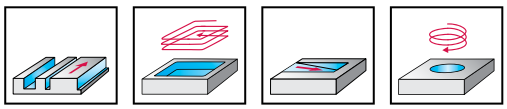
New addition to the product range = ☺ 😐 ☹ / ★

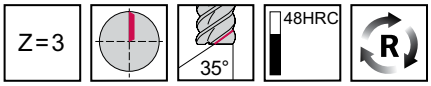
Solid carbide shoulder/slot milling cutters

ME232 Perform inch



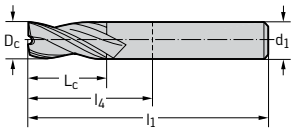
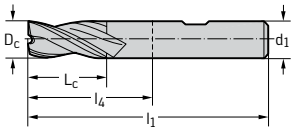
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool

Designation	D_c	D_c h12 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
Cylindrical shank									
									
ME232,3.18A3D-	1/8"	0.1250		0.500	2.500	1.083	0.250	3	
ME232,6.35A3D-	1/4"	0.2500		0.750	2.500	1.083	0.250	3	
DIN 6535 HB									
									
ME232,9.53W3D-	3/8"	0.3750	0.004	0.875	3.000	1.437	0.375	3	
ME232,12.7W3D-	1/2"	0.5000	0.006	1.000	3.500	1.717	0.500	3	
ME232,15.9W3D-	5/8"	0.6250	0.006	1.250	3.500	1.594	0.625	3	
ME232,19.1W3D-	3/4"	0.7500	0.006	1.500	4.000	1.969	0.750	3	

Ordering example for the grade WJ30ED: ME232,3.18A3D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

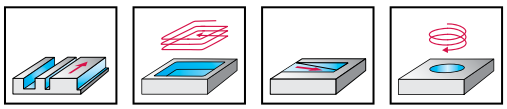
☺ 😐 ☹ / ★ = New addition to the product range

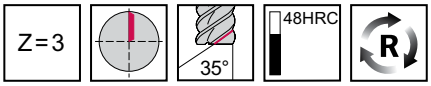
Solid carbide shoulder/slot milling cutters

ME232 Perform inch




– Corner radius





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool

Designation	D_c	D_c h12 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
Cylindrical shank									
ME232,3.18A3D038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	3	
ME232,6.35A3D038-	1/4"	0.2500	0.015	0.750	2.500	1.083	0.250	3	
ME232,6.35A3D076-	1/4"	0.2500	0.030	0.750	2.500	1.083	0.250	3	
DIN 6535 HB									
ME232,9.53W3D038-	3/8"	0.3750	0.015	0.875	3.000	1.437	0.375	3	
ME232,9.53W3D076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	3	
ME232,12.7W3D038-	1/2"	0.5000	0.015	1.000	3.500	1.717	0.500	3	
ME232,12.7W3D076-	1/2"	0.5000	0.030	1.000	3.500	1.717	0.500	3	
ME232,12.7W3D152-	1/2"	0.5000	0.060	1.000	3.500	1.717	0.500	3	
ME232,15.9W3D318-	5/8"	0.6250	0.125	1.250	3.500	1.594	0.625	3	
ME232,19.1W3D076-	3/4"	0.7500	0.030	1.500	4.000	1.969	0.750	3	
ME232,19.1W3D152-	3/4"	0.7500	0.060	1.500	4.000	1.969	0.750	3	

Ordering example for the grade WJ30ED: ME232,3.18A3D038-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

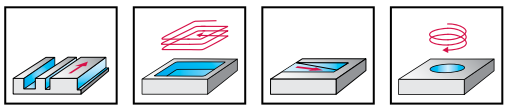
New addition to the product range = ☺ 😐 ☹ / ★

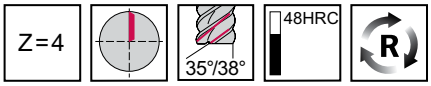
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



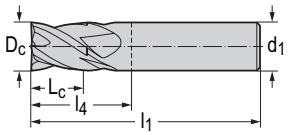
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-03.0A4S-	3		4	39	11	6	4	☺
ME232-04.0A4S-	4		6	39	12	6	4	☺
ME232-05.0A4S-	5		7	39	13	6	4	☺
ME232-06.0A4S-	6		9	39	12	6	4	☺
ME232-08.0A4S-	8		11	44	14	8	4	☺
ME232-10.0A4S-	10	0.1	13	51	16	10	4	☺
ME232-12.0A4S-	12	0.1	13	56	16	12	4	☺
ME232-16.0A4S-	16	0.15	16	63	19	16	4	☺

Ordering example for the grade WJ30ED: ME232-03.0A4S-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

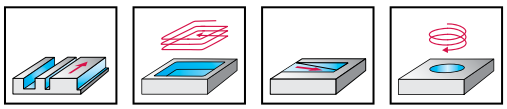
☺ 😐 ☹ / ★ = New addition to the product range

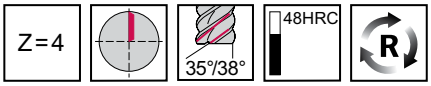
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



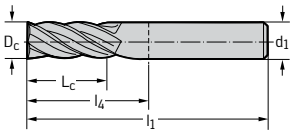
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

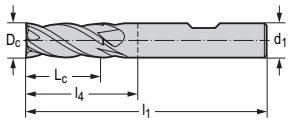
Tool



DIN 6535 HA

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-02.0A4L-	2		7	57	29	4	4	☺
ME232-02.5A4L-	2.5		8	57	29	4	4	☺
ME232-03.0A4L-	3		8	57	29	4	4	☺
ME232-03.5A4L-	3.5		10	57	29	4	4	☺
ME232-04.0A4L-	4		11	57	29	4	4	☺

Ordering example for the grade WJ30ED: ME232-02.0A4L-WJ30ED



DIN 6535 HB

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-05.0W4B-	5		13	57	21	6	4	☺
ME232-06.0W4B-	6		13	57	21	6	4	☺
ME232-08.0W4B-	8		19	63	27	8	4	☺
ME232-10.0W4B-	10	0.1	22	72	32	10	4	☺
ME232-12.0W4B-	12	0.1	26	83	38	12	4	☺
ME232-16.0W4B-	16	0.15	32	92	44	16	4	☺
ME232-20.0W4B-	20	0.15	38	104	54	20	4	☺

Ordering example for the grade WJ30ED: ME232-02.0A4L-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

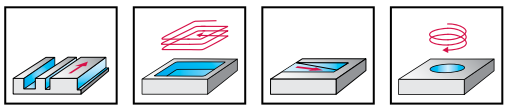
New addition to the product range = ☺ 😐 ☹ / ★

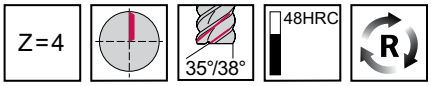
Solid carbide shoulder/slot milling cutters

ME232 Perform inch



– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool

Designation	D_c	D_c h12 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
Cylindrical shank									
ME232,3.18A4D-	1/8"	0.1250		0.500	2.500	1.083	0.250	4	
ME232,6.35A4D-	1/4"	0.2500		0.750	2.500	1.083	0.250	4	
DIN 6535 HB									
ME232,9.53W4D-	3/8"	0.3750	0.004	0.875	3.000	1.437	0.375	4	
ME232,12.7W4D-	1/2"	0.5000	0.006	1.000	3.500	1.717	0.500	4	
ME232,15.9W4D-	5/8"	0.6250	0.006	1.250	3.500	1.594	0.625	4	
ME232,19.1W4D-	3/4"	0.7500	0.006	1.500	4.000	1.969	0.750	4	

Ordering example for the grade WJ30ED: ME232,3.18A4D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

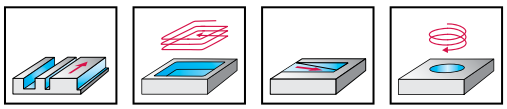
☺ 😐 ☹ / ★ = New addition to the product range

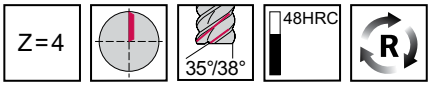
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



– Reduced neck
– l_{11}-Corner chamfer
– Long reach

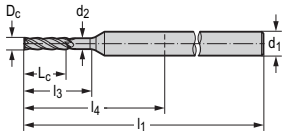




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

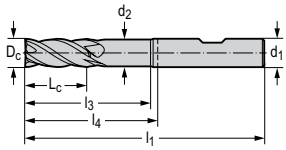
Tool

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-02.0A4LC-	2		7	11	1.9	57	29	4	4	
ME232-02.5A4LC-	2.5		8	12	2.4	57	29	4	4	
ME232-03.0A4LC-	3		8	12	2.9	57	29	4	4	
ME232-03.5A4LC-	3.5		10	15	3.3	57	29	4	4	
ME232-04.0A4LC-	4		11	15	3.8	57	29	4	4	



DIN 6535 HA

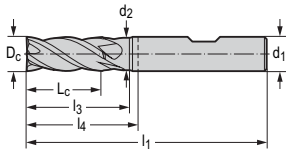
Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-06.0W4LC-	6		13	27	5.7	65	29	6	4	
ME232-08.0W4LC-	8		19	42	7.6	80	44	8	4	
ME232-10.0W4LC-	10	0.1	22	58	9.5	100	60	10	4	
ME232-12.0W4LC-	12	0.1	26	53	11.4	100	55	12	4	
ME232-16.0W4LC-	16	0.15	32	65	15.2	115	67	16	4	
ME232-20.0W4LC-	20	0.15	38	73	19	125	75	20	4	



DIN 6535 HB

Ordering example for the grade WJ30ED: ME232-02.0A4LC-WJ30ED

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-05.0W4BC-	5		13	18	4.8	57	21	6	4	
ME232-06.0W4BC-	6		13	19	5.7	57	21	6	4	
ME232-08.0W4BC-	8		19	25	7.6	63	27	8	4	
ME232-10.0W4BC-	10	0.1	22	30	9.5	72	32	10	4	
ME232-12.0W4BC-	12	0.1	26	36	11.4	83	38	12	4	
ME232-16.0W4BC-	16	0.15	32	42	15.2	92	44	16	4	
ME232-20.0W4BC-	20	0.15	38	52	19	104	54	20	4	



DIN 6535 HB

Ordering example for the grade WJ30ED: ME232-02.0A4LC-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

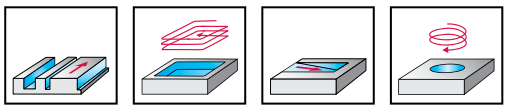
New addition to the product range = ☺ 😐 ☹ / ★

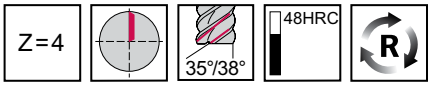
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



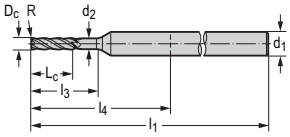
– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

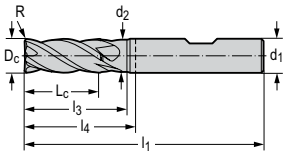
Tool



DIN 6535 HA

Designation	D_c h12 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-02.0A4L020C-	2	0.2	7	11	1.9	57	29	4	4	☺
ME232-03.0A4L030C-	3	0.3	8	12	2.9	57	29	4	4	☺
ME232-04.0A4L050C-	4	0.5	11	15	3.8	57	29	4	4	☺

Ordering example for the grade WJ30ED: ME232-02.0A4L020C-WJ30ED



DIN 6535 HB

Designation	D_c h12 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-05.0W4B050C-	5	0.5	13	18	4.8	57	21	6	4	☺
ME232-06.0W4B050C-	6	0.5	13	19	5.7	57	21	6	4	☺
ME232-06.0W4B080C-	6	0.8	13	19	5.7	57	21	6	4	☺
ME232-06.0W4B100C-	6	1	13	19	5.7	57	21	6	4	☺
ME232-08.0W4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
ME232-08.0W4B080C-	8	0.8	19	25	7.6	63	27	8	4	☺
ME232-08.0W4B100C-	8	1	19	25	7.6	63	27	8	4	☺
ME232-08.0W4B200C-	8	2	19	25	7.6	63	27	8	4	☺
ME232-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
ME232-10.0W4B080C-	10	0.8	22	30	9.5	72	32	10	4	☺
ME232-10.0W4B100C-	10	1	22	30	9.5	72	32	10	4	☺
ME232-10.0W4B200C-	10	2	22	30	9.5	72	32	10	4	☺
ME232-12.0W4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
ME232-12.0W4B080C-	12	0.8	26	36	11.4	83	38	12	4	☺
ME232-12.0W4B100C-	12	1	26	36	11.4	83	38	12	4	☺
ME232-12.0W4B200C-	12	2	26	36	11.4	83	38	12	4	☺
ME232-12.0W4B300C-	12	3	26	36	11.4	83	38	12	4	☺
ME232-16.0W4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
ME232-16.0W4B100C-	16	1	32	42	15.2	92	44	16	4	☺
ME232-16.0W4B200C-	16	2	32	42	15.2	92	44	16	4	☺
ME232-16.0W4B300C-	16	3	32	42	15.2	92	44	16	4	☺
ME232-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
ME232-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺

Ordering example for the grade WJ30ED: ME232-02.0A4L020C-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

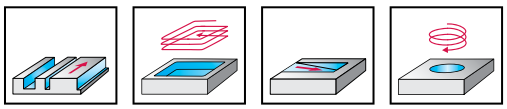
☺ 😐 ☹ / ★ = New addition to the product range

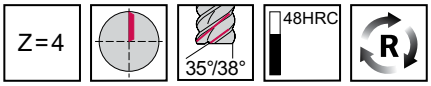
Solid carbide shoulder/slot milling cutters

ME232 Perform inch



– Corner radius





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool

Cylindrical shank

Designation	D_c	D_c h12 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
ME232,3.18A4D038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	4	
ME232,6.35A4D038-	1/4"	0.2500	0.015	0.750	2.500	1.083	0.250	4	
ME232,6.35A4D076-	1/4"	0.2500	0.030	0.750	2.500	1.083	0.250	4	

DIN 6535 HB

Designation	D_c	D_c h12 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
ME232,9.53W4D038-	3/8"	0.3750	0.015	0.875	3.000	1.437	0.375	4	
ME232,9.53W4D076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	4	
ME232,12.7W4D038-	1/2"	0.5000	0.015	1.000	3.500	1.717	0.500	4	
ME232,12.7W4D076-	1/2"	0.5000	0.030	1.000	3.500	1.717	0.500	4	
ME232,12.7W4D152-	1/2"	0.5000	0.060	1.000	3.500	1.717	0.500	4	
ME232,15.9W4D318-	5/8"	0.6250	0.125	1.250	3.500	1.594	0.625	4	
ME232,19.1W4D076-	3/4"	0.7500	0.030	1.500	4.000	1.969	0.750	4	
ME232,19.1W4D152-	3/4"	0.7500	0.060	1.500	4.000	1.969	0.750	4	

Ordering example for the grade WJ30ED: ME232,3.18A4D038-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

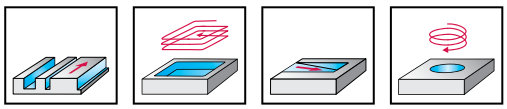
New addition to the product range = / ★

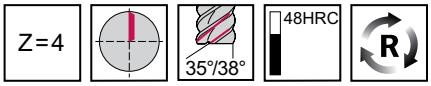
Solid carbide shoulder/slot milling cutters

ME232 Perform inch



– Reduced neck
– Corner radius
– Long reach





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool

Designation	D_c	D_c h12 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
Cylindrical shank											
ME232,3.18A4D038C-	1/8"	0.1250	0.015	0.500	0.625	0.119	2.500	1.083	0.250	4	
ME232,6.35A4D038C-	1/4"	0.2500	0.015	0.750	1.000	0.238	2.500	1.083	0.250	4	
ME232,6.35A4D076C-	1/4"	0.2500	0.030	0.750	1.000	0.238	2.500	1.083	0.250	4	
DIN 6535 HB											
ME232,9.53W4D038C-	3/8"	0.3750	0.015	0.875	1.125	0.356	3.000	1.437	0.375	4	
ME232,9.53W4D076C-	3/8"	0.3750	0.030	0.875	1.125	0.356	3.000	1.437	0.375	4	
ME232,12.7W4D038C-	1/2"	0.5000	0.015	1.000	1.500	0.475	3.500	1.717	0.500	4	
ME232,12.7W4D076C-	1/2"	0.5000	0.030	1.000	1.500	0.475	3.500	1.717	0.500	4	
ME232,12.7W4D152C-	1/2"	0.5000	0.060	1.000	1.500	0.475	3.500	1.717	0.500	4	
ME232,12.7W4D318C-	1/2"	0.5000	0.125	1.000	1.500	0.475	3.500	1.717	0.500	4	
ME232,15.9W4D318C-	5/8"	0.6250	0.125	1.250	1.563	0.594	3.500	1.594	0.625	4	
ME232,19.1W4D076C-	3/4"	0.7500	0.030	1.500	1.875	0.713	4.000	1.969	0.750	4	
ME232,19.1W4D318C-	3/4"	0.7500	0.125	1.500	1.875	0.713	4.000	1.969	0.750	4	

Ordering example for the grade WJ30ED: ME232,3.18A4D038C-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

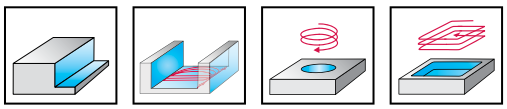
☺ 😐 ☹ / ★ = New addition to the product range

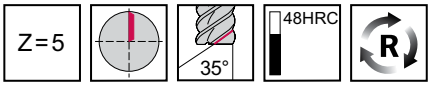
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



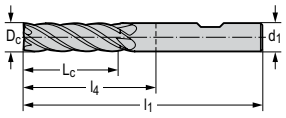
– Reduced neck
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-06.0W5L-	6		22			65	29	6	5	
ME232-08.0W5L-	8		28			80	44	8	5	
ME232-10.0W5L-	10	0.1	32			100	60	10	5	
ME232-12.0W5L-	12	0.1	40			100	55	12	5	
ME232-16.0W5L-	16	0.15	50			115	67	16	5	
ME232-20.0W5L-	20	0.15	55			125	75	20	5	

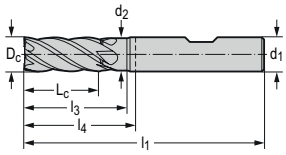


DIN 6535 HB

Ordering example for the grade WJ30ED: ME232-06.0W5BC-WJ30ED

Tool

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-06.0W5BC-	6		13	19	5.7	57	21	6	5	
ME232-08.0W5BC-	8		19	25	7.6	63	27	8	5	
ME232-10.0W5BC-	10	0.1	22	30	9.5	72	32	10	5	
ME232-12.0W5BC-	12	0.1	26	36	11.4	83	38	12	5	
ME232-16.0W5BC-	16	0.15	32	42	15.2	92	44	16	5	
ME232-20.0W5BC-	20	0.15	38	52	19	104	54	20	5	



DIN 6535 HB

Ordering example for the grade WJ30ED: ME232-06.0W5BC-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

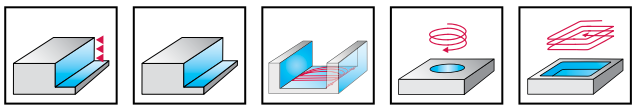
New addition to the product range = ☺ 😐 ☹ / ★

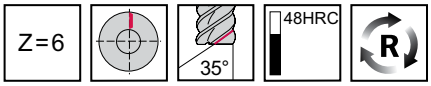
Solid carbide shoulder/slot milling cutters

ME232 Perform mm



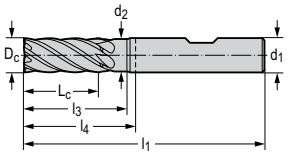
– Reduced neck
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME232-06.0W6BC-	6		13	19	5.7	57	21	6	6	☺
ME232-08.0W6BC-	8		19	25	7.6	63	27	8	6	☺
ME232-10.0W6BC-	10	0.1	22	30	9.5	72	32	10	6	☺
ME232-12.0W6BC-	12	0.1	26	36	11.4	83	38	12	6	☺
ME232-16.0W6BC-	16	0.15	32	42	15.2	92	44	16	6	☺
ME232-20.0W6BC-	20	0.15	38	52	19	104	54	20	6	☺

Ordering example for the grade WJ30ED: ME232-06.0W6BC-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

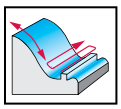
Solid carbide ball-nose copy milling cutters

H602111 mm

Protostar®



– Corner radius
– Type AI 30



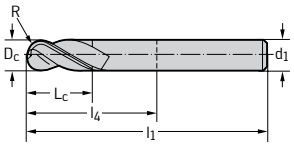
Z=2





	P	M	K	N	S	H	O
uncoated				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h5 mm	Z
H602111-2	2	1	6	32	60	3	2
H602111-3	3	1.5	7	44	80	6	2
H602111-4	4	2	8	44	80	6	2
H602111-5	5	2.5	10	44	80	6	2
H602111-6	6	3	10	44	80	6	2
H602111-8	8	4	16	64	100	8	2
H602111-10	10	5	19	60	100	10	2
H602111-12	12	6	22	55	100	12	2
H602111-16	16	8	26	52	100	16	2

Shank tolerance h6 with shank diameter d1 ≥ 10 mm

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

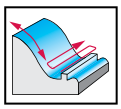
Solid carbide mini ball-nose copy milling cutters

H4046918 mm

Protostar®



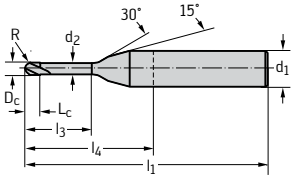
– Reduced neck
– Long reach



Z=2 | 30° | 48HRC | R

	P	M	K	N	S	H	O
TAX	●●			●			

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	d_2 mm	d_1 mm	l_1 mm	Z
H4046918-0.3-1.5	0.3	0.15	0.3	1.5	10	0.27	3	38	2
H4046918-0.4-1	0.4	0.2	0.4	1	10	0.37	3	38	2
H4046918-0.4-2	0.4	0.2	0.4	2	10	0.37	3	38	2
H4046918-0.4-4	0.4	0.2	0.4	4	10	0.37	3	38	2
H4046918-0.5-1.25	0.5	0.25	0.5	1.25	10	0.47	3	38	2
H4046918-0.5-5	0.5	0.25	0.5	5	10	0.47	3	38	2
H4046918-0.6-1.5	0.6	0.3	0.6	1.5	10	0.57	3	38	2
H4046918-0.6-3	0.6	0.3	0.6	3	10	0.57	3	38	2
H4046918-0.6-6	0.6	0.3	0.6	6	10	0.57	3	38	2
H4046918-0.6-9	0.6	0.3	0.6	9	13	0.57	3	38	2
H4046918-0.8-12	0.8	0.4	0.8	12	32	0.77	3	60	2
H4046918-0.8-2	0.8	0.4	0.8	2	10	0.77	3	38	2
H4046918-0.8-4	0.8	0.4	0.8	4	10	0.77	3	38	2
H4046918-1-10	1	0.5	1	10	32	0.97	3	60	2
H4046918-1-15	1	0.5	1	15	32	0.97	3	60	2
H4046918-1-2.5	1	0.5	1	2.5	10	0.97	3	38	2
H4046918-1-5	1	0.5	1	5	32	0.97	3	60	2
H4046918-1-7.5	1	0.5	1	7.5	32	0.97	3	60	2
H4046918-1.5-15	1.5	0.75	1.5	15	32	1.47	3	60	2
H4046918-1.5-7.5	1.5	0.75	1.5	7.5	32	1.47	3	60	2
H4046918-2-10	2	1	2	10	32	1.97	3	60	2
H4046918-2-15	2	1	2	15	32	1.97	3	60	2
H4046918-2-20	2	1	2	20	32	1.97	3	60	2
H4046918-2-30	2	1	2	30	32	1.97	3	60	2
H4046918-2.5-12.5	2.5	1.25	2.5	12.5	32	2.47	3	60	2
H4046918-3-15	3	1.5	3	15	32	2.97	3	60	2

D1

WALTER SELECT

●● Primary application ● Other application

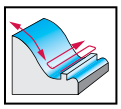
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

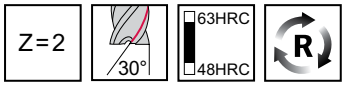
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

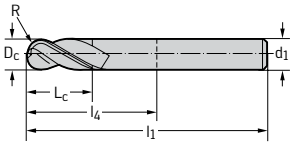






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-03.0A2B-	3	1.5	2.4	21	57	6	2	☻
MC482-04.0A2B-	4	2	3.2	21	57	6	2	☻
MC482-05.0A2B-	5	2.5	4	21	57	6	2	☻
MC482-06.0A2B-	6	3	4.8	21	57	6	2	☻
MC482-08.0A2B-	8	4	6.4	27	63	8	2	☻

Ordering example for the grade WB10TG: MC482-03.0A2B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

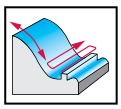
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

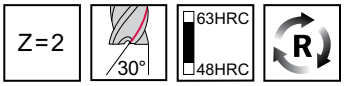
New addition to the product range = ☻ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

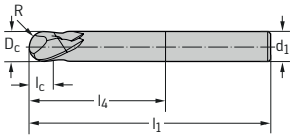






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A2L-	6	3	4.8	44	80	6	2	☺
MC482-08.0A2L-	8	4	6.4	64	100	8	2	☺
MC482-10.0A2L-	10	5	8	60	100	10	2	☺
MC482-12.0A2L-	12	6	9.6	55	100	12	2	☺

Ordering example for the grade WB10TG: MC482-06.0A2L-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

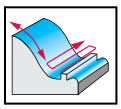
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

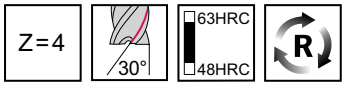
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

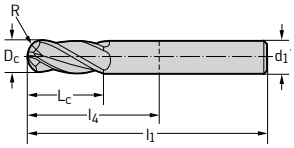






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A4B-	6	3	4.8	21	57	6	4	☻
MC482-08.0A4B-	8	4	6.4	27	63	8	4	☻
MC482-10.0A4B-	10	5	8	32	72	10	4	☻
MC482-12.0A4B-	12	6	9.6	38	83	12	4	☻
MC482-16.0A4B-	16	8	12.8	44	92	16	4	☻

Ordering example for the grade WB10TG: MC482-06.0A4B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

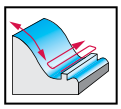
New addition to the product range = ☻ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC482 Advance mm



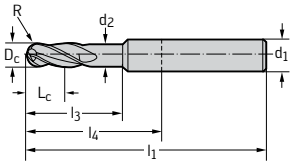
– Reduced neck
– Long reach



Z=4 | 30° | 63HRC / 48HRC | R

	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A4BC-	6	3	4.8	27	5.9	18	63	8	4	☺
MC482-08.0A4BC-	8	4	6.4	32	7.85	24	72	10	4	☺
MC482-10.0A4BC-	10	5	8	38	9.85	30	83	12	4	☺
MC482-12.0A4BC-	12	6	9.6	38	11.8	36	83	12	4	☺
MC482-16.0A4BC-	16	8	12.8	44	15.8	42	92	16	4	☺

Ordering example for the grade WB10TG: MC482-06.0A4BC-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

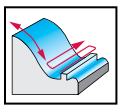
☺ 😐 ☹ / ★ = New addition to the product range

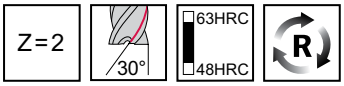
Solid carbide ball-nose copy milling cutters

MC482 Advance mm



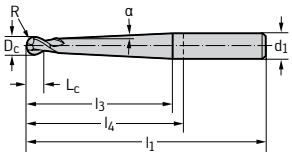
– Long reach





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	α	d_1 mm	Z	WB10TG
MC482-01.0A2PV-	1	0.5	0.8	17	21	57	2.5°	6	2	☻
MC482-01.0A2PW-	1	0.5	0.8	17	21	57	4°	6	2	☻
MC482-01.5A2PV-	1.5	0.75	1.2	17	21	57	2.5°	6	2	☻
MC482-01.5A2PW-	1.5	0.75	1.2	17	21	57	4°	6	2	☻
MC482-02.0A2PV-	2	1	1.6	18	21	57	2.5°	6	2	☻
MC482-02.0A2PW-	2	1	1.6	18	21	57	4°	6	2	☻
MC482-03.0A2LV-	3	1.5	2.4	38	44	80	2.5°	6	2	☻
MC482-03.0A2PV-	3	1.5	2.4	19	21	57	2.5°	6	2	☻
MC482-03.0A2PW-	3	1.5	2.4	19	21	57	4°	6	2	☻
MC482-04.0A2PV-	4	2	3.2	20	21	57	2.5°	6	2	☻
MC482-04.0A2PW-	4	2	3.2	20	21	57	4°	6	2	☻

Ordering example for the grade WB10TG: MC482-01.0A2PV-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

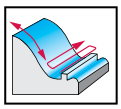
New addition to the product range = ☻ 😐 ☹ / ★

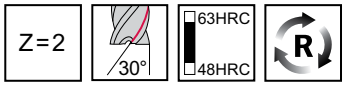
Solid carbide ball-nose copy milling cutters

MC480 Advance mm



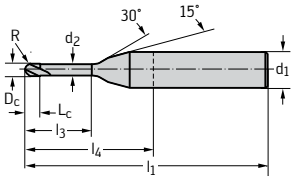
– Reduced neck
– Long reach





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	d_2 mm	l_3 mm	l_4 mm	l_1 mm	Z	d_1 h5 mm	WB10TG
MC480-00.4A2MC-	0.4	0.2	0.32	0.37	1	12	38	2	4	☺
MC480-00.5A2MC-	0.5	0.25	0.4	0.47	1.5	12	38	2	4	☺
MC480-00.6A2MC-	0.6	0.3	0.48	0.57	2	12	38	2	4	☺
MC480-00.8A2MC-	0.8	0.4	0.64	0.77	2	12	38	2	4	☺
MC480-01.0A2MB-	1	0.5	0.8	0.97	2	22	50	2	4	☺
MC480-01.0A2ME-	1	0.5	0.8	0.97	5	22	50	2	4	☺
MC480-01.0A2MG-	1	0.5	0.8	0.97	8	22	50	2	4	☺
MC480-01.5A2MC-	1.5	0.75	1.2	1.47	4	22	50	2	4	☺
MC480-01.5A2ME-	1.5	0.75	1.2	1.47	8	22	50	2	4	☺
MC480-01.5A2MG-	1.5	0.75	1.2	1.47	12	22	50	2	4	☺
MC480-02.0A2MB-	2	1	1.6	1.97	3	22	50	2	4	☺
MC480-02.0A2MC-	2	1	1.6	1.97	6	22	50	2	4	☺
MC480-02.0A2ME-	2	1	1.6	1.97	10	22	50	2	4	☺
MC480-02.0A2MG-	2	1	1.6	1.97	16	22	50	2	4	☺
MC480-03.0A2MC-	3	1.5	2.4	2.97	8	22	50	2	4	☺
MC480-03.0A2ME-	3	1.5	2.4	2.97	16	22	50	2	4	☺
MC480-03.0A2MG-	3	1.5	2.4	2.97	25	32	60	2	4	☺
MC480-04.0A2MC-	4	2	3.2	3.97	10	29	65	2	6	☺
MC480-04.0A2ME-	4	2	3.2	3.97	20	29	65	2	6	☺
MC480-05.0A2MD-	5	2.5	4	4.97	20	29	65	2	6	☺

Ordering example for the grade WB10TG: MC480-00.4A2MC-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

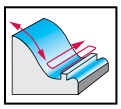
Solid carbide ball-nose copy milling cutters

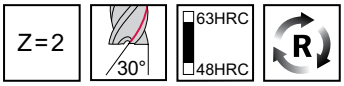
H8004028 mm

Protostar® Ultra



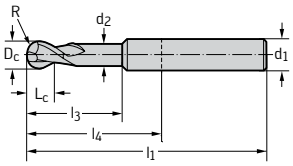
– Reduced neck
– Long reach





	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	d_2 mm	d_1 mm	l_1 mm	Z
H8004028-5	5	2.5	5	20	21	4.9	6	57	2
H8004028-6	6	3	6	24	27	5.9	8	63	2
H8004028-8	8	4	8	29	32	7.6	10	72	2

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

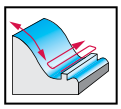
Solid carbide ball-nose copy milling cutters

H8006428 mm

Protostar® Ultra



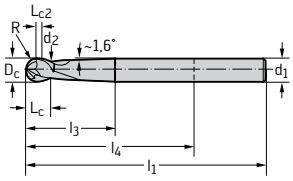
– Reduced neck
– Long reach



Z=2 | 30° | 63HRC / 48HRC | R

	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	L_{c2} mm	l_3 mm	l_4 mm	d_2 mm	d_1 mm	l_1 mm	Z
H8006428-1	1	0.5	2	0	20	39		6	75	2
H8006428-2	2	1	3	1.5	20	39	1.7	6	75	2
H8006428-3	3	1.5	4	1.5	30	44	2.5	6	80	2
H8006428-4	4	2	5	1.5	30	44	3.3	6	80	2
H8006428-5	5	2.5	7	2	43	44	4.1	6	80	2
H8006428-6	6	3	7	2	30	64	4.7	6	100	2
H8006428-8	8	4	9	3	36	64	6.5	8	100	2
H8006428-10	10	5	11	3	43	60	8.2	10	100	2

With back cutting

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

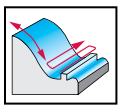
☺ 😐 ☹ / ★ = New addition to the product range

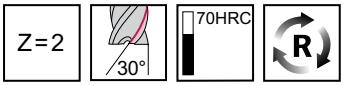
Solid carbide ball-nose copy milling cutters

H8004788 mm

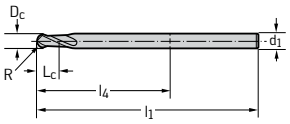
Proto·max™ Ultra

– Long reach





	P	M	K	N	S	H	O
TAS						●●	

Tool	Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	d_1	l_1 mm	Z
	H8004788-3-57	3	1.5	4.5	21	6	57	2
	H8004788-3-70	3	1.5	4.5	34	6	70	2
	H8004788-4-57	4	2	6	21	6	57	2
	H8004788-4-70	4	2	6	34	6	70	2
	H8004788-6-57	6	3	9	21	6	57	2
	H8004788-6-90	6	3	9	54	6	90	2
	H8004788-8-100	8	4	12	64	8	100	2
	H8004788-10-100	10	5	15	60	10	100	2
	H8004788-10-72	10	5	15	32	10	72	2

DIN 6535 HA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

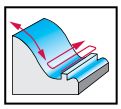
Solid carbide mini ball-nose copy milling cutters

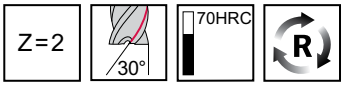
H4046988 mm

Proto·max™ Ultra



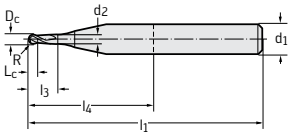
– Long reach





	P	M	K	N	S	H	O
TAS						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	Z
H4046988-1-1.5	1	0.5	0.8	1.5	0.96	45	2
H4046988-1-10	1	0.5	0.8	10	0.96	45	2
H4046988-1-3	1	0.5	0.8	3	0.96	45	2
H4046988-1-8	1	0.5	0.8	8	0.96	45	2
H4046988-1.2-1.8	1.2	0.6	1.1	1.8	1.15	45	2
H4046988-1.2-3.6	1.2	0.6	1.1	3.6	1.15	45	2
H4046988-1.5-2.25	1.5	0.75	1.35	2.25	1.44	45	2
H4046988-1.5-8	1.5	0.75	1.35	8	1.44	45	2
H4046988-2-12	2	1	1.7	12	1.92	50	2
H4046988-2-3	2	1	1.7	3	1.92	45	2
H4046988-2-6	2	1	1.7	6	1.92	45	2

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

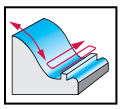
Solid carbide mini ball-nose copy milling cutters

H4046919 mm

Protostar®



– Reduced neck
– Long reach



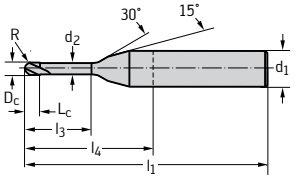
Z=2



R

	P	M	K	N	S	H	O
DIA							●●

Tool



DIN 6535 HA

Designation	D_c h8 mm	R mm	L_c mm	l_3 mm	l_4 mm	d_2 mm	d_1 mm	l_1 mm	Z
H4046919-0.3-3	0.3	0.15	0.3	3	10	0.27	3	38	2
H4046919-0.4-2	0.4	0.2	0.4	2	10	0.37	3	38	2
H4046919-0.5-5	0.5	0.25	0.5	5	10	0.47	3	38	2
H4046919-0.6-3	0.6	0.3	0.6	3	10	0.57	3	38	2
H4046919-0.6-9	0.6	0.3	0.6	9	13	0.57	3	38	2
H4046919-0.8-8	0.8	0.4	0.8	8	12	0.77	3	38	2
H4046919-1-10	1	0.5	1	10	32	0.97	3	60	2
H4046919-1-15	1	0.5	1	15	32	0.97	3	60	2
H4046919-1-20	1	0.5	1	20	32	0.97	3	60	2
H4046919-1-5	1	0.5	1	5	32	0.97	3	60	2
H4046919-1.5-15	1.5	0.75	1.5	15	32	1.47	3	60	2
H4046919-1.5-7.5	1.5	0.75	1.5	7.5	32	1.47	3	60	2
H4046919-2-10	2	1	2	10	32	1.97	3	60	2
H4046919-2-20	2	1	2	20	32	1.97	3	60	2
H4046919-2-30	2	1	2	30	32	1.97	3	60	2
H4046919-3-15	3	1.5	3	15	32	2.97	3	60	2
H4046919-3-30	3	1.5	3	30	32	2.97	3	60	2

D1

WALTER SELECT

●● Primary application ● Other application

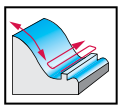
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

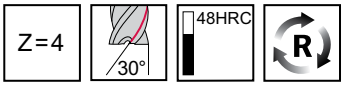
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC416 Advance mm

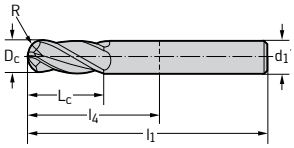
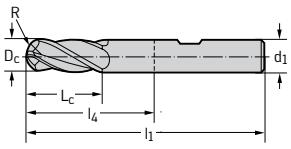






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30TF
 DIN 6535 HA								
MC416-03.0A4L-	3	1.5	8	44	80	6	4	
MC416-04.0A4L-	4	2	11	44	80	6	4	
MC416-05.0A4L-	5	2.5	13	44	80	6	4	
MC416-06.0A4L-	6	3	13	44	80	6	4	
MC416-07.0A4L-	7	3.5	16	64	100	8	4	
MC416-08.0A4L-	8	4	19	64	100	8	4	
MC416-09.0A4L-	9	4.5	19	60	100	10	4	
MC416-10.0A4L-	10	5	22	60	100	10	4	
MC416-12.0A4L-	12	6	26	55	100	12	4	
MC416-16.0A4L-	16	8	32	52	100	16	4	
MC416-20.0A4L-	20	10	38	75	125	20	4	
 DIN 6535 HB								
MC416-03.0W4L-	3	1.5	8	44	80	6	4	
MC416-04.0W4L-	4	2	11	44	80	6	4	
MC416-05.0W4L-	5	2.5	13	44	80	6	4	
MC416-06.0W4L-	6	3	13	44	80	6	4	
MC416-08.0W4L-	8	4	19	64	100	8	4	
MC416-10.0W4L-	10	5	22	60	100	10	4	
MC416-12.0W4L-	12	6	26	55	100	12	4	
MC416-16.0W4L-	16	8	32	52	100	16	4	
MC416-20.0W4L-	20	10	38	75	125	20	4	

Ordering example for the grade WJ30TF: MC416-03.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

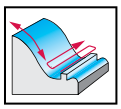
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

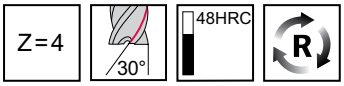
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MC416 Advance inch

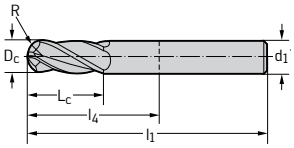






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	D_c h9 inch	R inch	L_c inch	l_4 inch	d_1 inch	l_1 inch	Z	WJ30TF
MC416,1.59A4D-	0.0625	0.031	0.187	0.583	0.250	2.000	4	☺
MC416,3.18A4D-	0.1250	0.063	0.500	1.083	0.250	2.500	4	☺
MC416,4.75A4D-	0.1875	0.094	0.625	1.083	0.250	2.500	4	☺
MC416,6.35A4D-	0.2500	0.125	0.750	1.083	0.250	2.500	4	☺
MC416,7.94A4D-	0.3125	0.156	0.813	1.437	0.375	3.000	4	☺
MC416,9.53A4D-	0.3750	0.188	0.875	1.437	0.375	3.000	4	☺
MC416,11.1A4D-	0.4375	0.219	1.000	1.717	0.500	3.500	4	☺
MC416,12.7A4D-	0.5000	0.250	1.000	1.717	0.500	3.500	4	☺

Ordering example for the grade WJ30TF: MC416,1.59A4D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

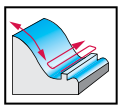
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

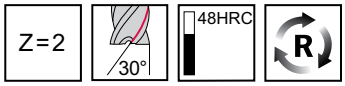
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC416 Advance mm

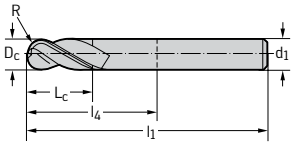






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30TF
MC416-01.0A2B-	1	0.5	3	10	38	3	2	☺
MC416-01.5A2B-	1.5	0.75	3	10	38	3	2	☺
MC416-02.0A2B-	2	1	6	10.6	38	3	2	☺
MC416-02.5A2B-	2.5	1.25	7	11.5	38	3	2	☺
MC416-03.0A2B-	3	1.5	7	10	38	3	2	☺
MC416-04.0A2B-	4	2	8	21	57	6	2	☺
MC416-05.0A2B-	5	2.5	10	21	57	6	2	☺
MC416-06.0A2B-	6	3	10	21	57	6	2	☺
MC416-07.0A2B-	7	3.5	13	27.1	63	8	2	☺
MC416-08.0A2B-	8	4	16	27	63	8	2	☺
MC416-09.0A2B-	9	4.5	16	32.1	72	10	2	☺
MC416-10.0A2B-	10	5	19	32	72	10	2	☺
MC416-12.0A2B-	12	6	22	38	83	12	2	☺
MC416-14.0A2B-	14	7	22	38	83	14	2	☺
MC416-16.0A2B-	16	8	26	44	92	16	2	☺
MC416-18.0A2B-	18	9	26	44	92	18	2	☺
MC416-20.0A2B-	20	10	32	54	104	20	2	☺

Ordering example for the grade WJ30TF: MC416-01.0A2B-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

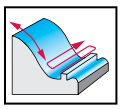
☺ 😐 ☹ / ★ = New addition to the product range

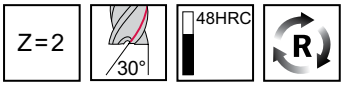
Solid carbide ball-nose copy milling cutters

MC413 Advance mm



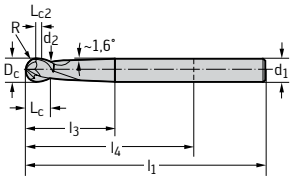
– Reduced neck
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	L_{c2} mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	Z	d_1 h5 mm	WJ30TF
MC413-01.0A2L-	1	0.5	2	0	39		20	75	2	6	
MC413-02.0A2L-	2	1	3	1.5	39	1.7	20	75	2	6	
MC413-03.0A2L-	3	1.5	4	1.5	44	2.5	30	80	2	6	
MC413-04.0A2L-	4	2	5	1.5	44	3.3	30	80	2	6	
MC413-05.0A2L-	5	2.5	7	2	44	4.1	43	80	2	6	
MC413-06.0A2L-	6	3	7	2	64	4.7	30	100	2	6	
MC413-08.0A2L-	8	4	9	3	64	6.5	36	100	2	8	
MC413-10.0A2L-	10	5	11	3	60	8.2	43	100	2	10	

With back cutting | Ordering example for the grade WJ30TF: MC413-01.0A2L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

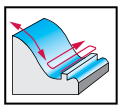
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC413 Advance mm



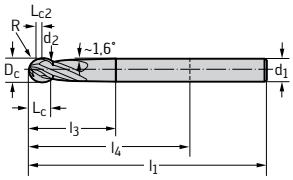
– Reduced neck
– Long reach



Z=4 | 30° | 48HRC | R

	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	L_{c2} mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	Z	d_1 h5 mm	WJ30TF
MC413-05.0A4L-	5	2.5	7	2	44	4.1	43	80	4	6	☺
MC413-06.0A4L-	6	3	7	2	64	4.7	30	100	4	6	☺
MC413-08.0A4L-	8	4	9	3	64	6.5	36	100	4	8	☺
MC413-10.0A4L-	10	5	11	3	60	8.2	43	100	4	10	☺
MC413-12.0A4L-	12	6	13	3	55	9.8	52	100	4	12	☺
MC413-16.0A4L-	16	8	15	3	102	13.4	61	150	4	16	☺

With back cutting | Shank tolerance h6 with shank diameter $d_1 \geq 10$ mm | Ordering example for the grade WJ30TF: MC413-05.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

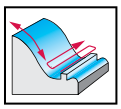
☺ 😐 ☹ / ★ = New addition to the product range

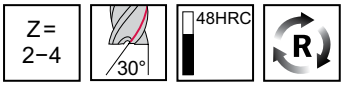
Solid carbide ball-nose copy milling cutters

MC413 Advance mm



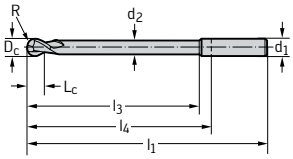
– Reduced neck
– Long reach





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	Z	d_1 h5 mm	WJ30TF
MC413-04.0A2XC-	4	2	4	64	3.9	20	100	2	6	☺
MC413-04.0A2XD-	4	2	4	64	3.9	30	100	2	6	☺
MC413-04.0A2XE-	4	2	4	64	3.9	40	100	2	6	☺
MC413-05.0A2XC-	5	2.5	5	64	4.9	25	100	2	6	☺
MC413-05.0A2XD-	5	2.5	5	64	4.9	50	100	2	6	☺
MC413-06.0A4XC-	6	3	6	64	5.9	30	100	4	6	☺
MC413-06.0A4XD-	6	3	6	64	5.9	45	100	4	6	☺
MC413-06.0A4XE-	6	3	6	64	5.9	60	100	4	6	☺
MC413-08.0A4XC-	8	4	8	84	7.85	40	120	4	8	☺
MC413-08.0A4XD-	8	4	8	84	7.85	60	120	4	8	☺
MC413-08.0A4XE-	8	4	8	84	7.85	80	120	4	8	☺
MC413-10.0A4XD-	10	5	10	110	9.85	50	150	4	10	☺
MC413-10.0A4XE-	10	5	10	110	9.85	75	150	4	10	☺
MC413-12.0A4XD-	12	6	12	105	11.8	60	150	4	12	☺

Shank tolerance h6 with shank diameter $d_1 \geq 10$ mm | Ordering example for the grade WJ30TF: MC413-04.0A2XC-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

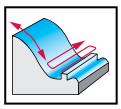
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

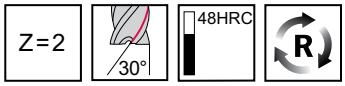
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

ME432 Perform mm

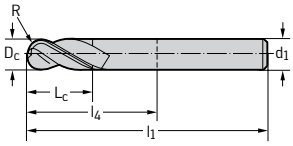






	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME432-01.0A2B-	1	0.5	3	38	10	3	2	☺
ME432-01.5A2B-	1.5	0.75	3	38	10	3	2	☺
ME432-02.0A2B-	2	1	6	38	11	3	2	☺
ME432-02.5A2B-	2.5	1.25	7	38	12	3	2	☺
ME432-03.0A2B-	3	1.5	7	38	10	3	2	☺
ME432-04.0A2B-	4	2	8	57	21	6	2	☺
ME432-05.0A2B-	5	2.5	10	57	21	6	2	☺
ME432-06.0A2B-	6	3	10	57	21	6	2	☺
ME432-08.0A2B-	8	4	16	63	27	8	2	☺
ME432-10.0A2B-	10	5	19	72	32	10	2	☺
ME432-12.0A2B-	12	6	22	83	38	12	2	☺
ME432-16.0A2B-	16	8	26	92	44	16	2	☺
ME432-20.0A2B-	20	10	32	104	54	20	2	☺

Ordering example for the grade WJ30ED: ME432-01.0A2B-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

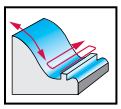
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

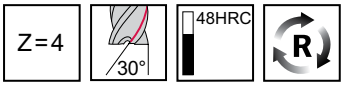
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

ME432 Perform mm

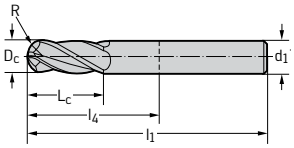






	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
ME432-03.0A4B-	3	1.5	8	38	10	3	4	😐
ME432-04.0A4B-	4	2	11	57	21	6	4	😐
ME432-05.0A4B-	5	2.5	13	57	21	6	4	😐
ME432-06.0A4B-	6	3	13	57	21	6	4	😐
ME432-08.0A4B-	8	4	19	63	27	8	4	😐
ME432-10.0A4B-	10	5	22	72	32	10	4	😐
ME432-12.0A4B-	12	6	26	83	38	12	4	😐
ME432-16.0A4B-	16	8	32	92	44	16	4	😐
ME432-20.0A4B-	20	10	38	104	54	20	4	😐

Ordering example for the grade WJ30ED: ME432-03.0A4B-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

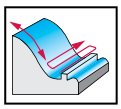
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

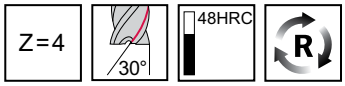
New addition to the product range = 😊 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

ME432 Perform inch

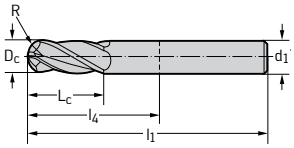






	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	D_c	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30ED
ME432,1.59A4D-	1/16"	0.0625	0.031	0.187	2.000	0.583	0.250	4	☺
ME432,2.38A4D-	3/32"	0.0938	0.047	0.375	2.500	1.083	0.250	4	☺
ME432,3.18A4D-	1/8"	0.1250	0.063	0.500	2.500	1.083	0.250	4	☺
ME432,4.75A4D-	3/16"	0.1875	0.094	0.625	2.500	1.083	0.250	4	☺
ME432,6.35A4D-	1/4"	0.2500	0.125	0.750	2.500	1.083	0.250	4	☺
ME432,7.94A4D-	5/16"	0.3125	0.156	0.813	3.000	1.437	0.375	4	☺
ME432,9.53A4D-	3/8"	0.3750	0.188	0.875	3.000	1.437	0.375	4	☺
ME432,12.7A4D-	1/2"	0.5000	0.250	1.000	3.500	1.717	0.500	4	☺
ME432,15.9A4D-	5/8"	0.6250	0.313	1.250	3.500	1.594	0.625	4	☺

Ordering example for the grade WJ30ED: ME432,1.59A4D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

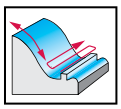
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MC467 Advance mm





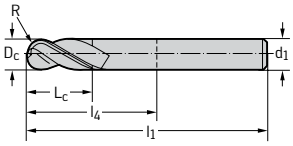
Z=2



R

	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30UU
★ MC467-02.0A2B-	2	1	6	32	60	3	2	☺
★ MC467-03.0A2B-	3	1.5	7	44	80	6	2	☺
★ MC467-04.0A2B-	4	2	8	44	80	6	2	☺
★ MC467-05.0A2B-	5	2.5	10	44	80	6	2	☺
★ MC467-06.0A2B-	6	3	10	44	80	6	2	☺
★ MC467-08.0A2B-	8	4	16	64	100	8	2	☺
★ MC467-10.0A2B-	10	5	19	60	100	10	2	☺
★ MC467-12.0A2B-	12	6	22	55	100	12	2	☺
★ MC467-16.0A2B-	16	8	26	52	100	16	2	☺

Ordering example for the grade WJ30UU: MC467-02.0A2B-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

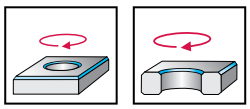
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

60° solid carbide chamfer mill

MC500 Advance mm

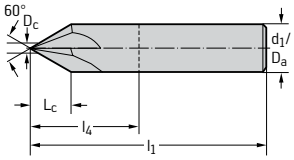
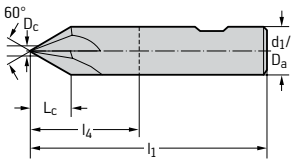






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
 MC500-06.0A4L-	1	6	4,3	57	20	6	4	😊
MC500-10.0A4L-	1,5	10	7,35	100	59	10	4	😊
DIN 6535 HA								
 MC500-10.0W4L-	1,5	10	7,35	100	59	10	4	😊
DIN 6535 HB								

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC500-06.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

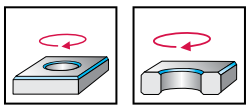
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

😊 😐 😞 / ★ = New addition to the product range

90° solid carbide chamfer mill

MC501 Advance mm

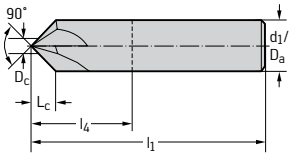
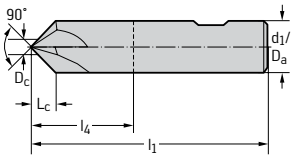






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
 DIN 6535 HA								
MC501-06.0A4L-	1	6	2,5	57	21	6	4	
MC501-10.0A4L-	1,5	10	4,25	100	59	10	4	
MC501-08.0A5L-	2	8	3	80	43	8	5	
MC501-12.0A6L-	3	12	4,5	83	37	12	6	
 DIN 6535 HB								
MC501-06.0W4L-	1	6	2,5	57	21	6	4	
MC501-10.0W4L-	1,5	10	4,25	100	59	10	4	
MC501-08.0W5L-	2	8	3	80	43	8	5	
MC501-12.0W6L-	3	12	4,5	83	37	12	6	

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC501-06.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

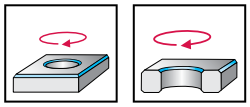
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

120° solid carbide chamfer mill

MC502 Advance mm

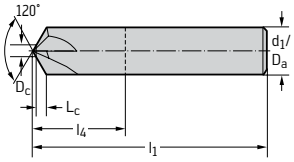






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
 MC502-10.0A4L-	1,5	10	2,45	100	60	10	4	☺

DIN 6535 HA

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC502-10.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

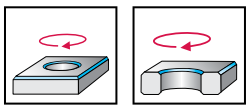
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide quarter-round profile mill

MC503 Advance mm

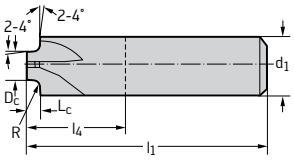




Z= 3–4		0°	48HRC	R

	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC503-04.0A3B050-	4	0,5	1	57	21	6	3	☺
MC503-04.0A3B075-	4	0,8	1	57	21	6	3	☺
MC503-04.0A3B080-	4	0,8	1	57	21	6	3	☺
MC503-04.0A4B100-	4	1	1	63	27	8	4	☺
MC503-04.0A4B150-	4	1,5	2	63	27	8	4	☺
MC503-05.0A4B200-	5	2	2	72	32	10	4	☺
MC503-05.0A4B250-	5	2,5	3	72	32	10	4	☺
MC503-05.0A4B300-	5	3	3	83	38	12	4	☺
MC503-06.0A4B400-	6	4	4	83	38	14	4	☺
MC503-06.0A4B500-	6	5	5	92	44	16	4	☺
MC503-08.0A4B600-	8	6	6	104	54	20	4	☺

Ordering example for the grade WJ30TF: MC503-04.0A3B050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

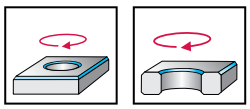
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide forward/backward deburrer

MC504 Advance mm



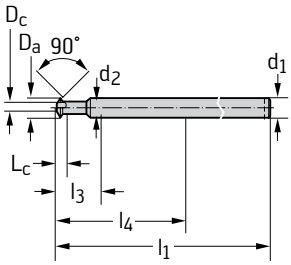
– Long reach
– Type forward/backward deburrer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_a mm	D_c mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC504-06.0A4LB-	6	0,4	4,25	19	3,9	100	64	6	4	☺
MC504-08.0A4L-	8	5,9	2			100	64	6	4	☺
MC504-10.0A6L-	10	5,9	4			100	64	6	6	☺
MC504-12.0A6L-	12	5,9	6			100	64	6	6	☺

Ordering example for the grade WJ30TF: MC504-06.0A4LB-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

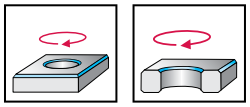
☻ ☺ ☹ / ★ = New addition to the product range

Solid carbide chamfer milling cutter 90°

AH3058318 inch

Protostar®

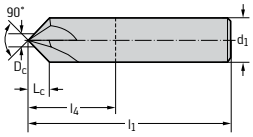






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



Designation	D_c inch	D_a inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z
AH3058318-1/4	0,0394	0,250	0,105	2,500	1,063	0,250	4
AH3058318-3/8	0,0591	0,375	0,158	2,500	0,906	0,375	4
AH3058318-1/2	0,1181	0,500	0,191	3,000	1,157	0,500	6

Cylindrical shank

Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

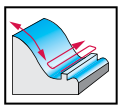
New addition to the product range = ☺ 😐 ☹ / ★

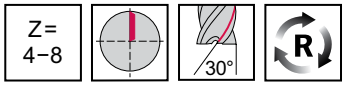
Solid carbide circle segment milling cutters

MD838 Supreme mm



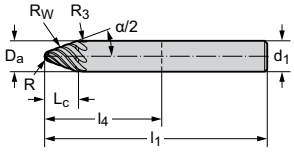
– Conical





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HA

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	d_1 h5 mm	l_1 mm	Z	WJ30RA	WJ30RD
MD838-06A4P050250-	20°	6	250	3	0.5	7.79	6	65	4	☺	☺
MD838-06A4P100250-	20°	6	250	3	1	6.83	6	65	4	☺	☺
MD838-08A4P050300-	20°	8	300	3	0.5	10.55	8	80	4	☺	☺
MD838-08A4P100300-	20°	8	300	3	1	9.57	8	80	4	☺	☺
MD838-10A4P200400-	20°	10	400	3	2	10.42	10	90	4	☺	☺
MD838-10A8P200400-	20°	10	400	3	2	10.42	10	90	8	☺	☺
MD838-12A4P200500-	20°	12	500	3	2	13.15	12	100	4	☺	☺
MD838-12A4P300500-	20°	12	500	3	3	11.23	12	100	4	☺	☺
MD838-12A8P200500-	20°	12	500	3	2	13.15	12	100	8	☺	☺
MD838-12A8P300500-	20°	12	500	3	3	11.23	12	100	8	☺	☺
MD838-16A4P301000-	20°	16	1.000	5	3	17.07	16	115	4	☺	☺
MD838-16A4P401000-	20°	16	1.000	5	4	15.17	16	115	4	☺	☺

Ordering example for the grade WJ30RA: MD838-06A4P050250-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

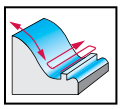
☺ 😐 ☹ / ★ = New addition to the product range

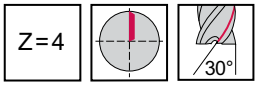
Solid carbide circle segment milling cutters

MD839 Supreme mm



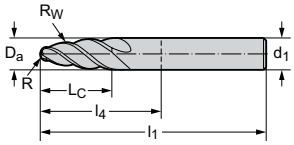
– Tangential





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



DIN 6535 HA

Designation	D_a mm	R mm	R_w mm	L_c mm	d_1 mm	l_1 mm	Z	WJ30RA	WJ30RD
MD839-06A4P10100-	6	1	100	20.8	6	65	4	☺	😐
MD839-08A4P15100-	8	1.5	100	23.55	8	80	4	☺	😐
MD839-10A4P20100-	10	2	100	26.06	10	90	4	☺	😐
MD839-12A4P20100-	12	2	100	29.71	12	100	4	☺	😐
MD839-12A4P30100-	12	3	100	26.94	12	100	4	☺	😐
MD839-16A4P30100-	16	3	100	33.74	16	115	4	☺	😐
MD839-16A4P40100-	16	4	100	31.42	16	115	4	☺	😐

Ordering example for the grade WJ30RA: MD839-06A4P10100-WJ30RA

D1

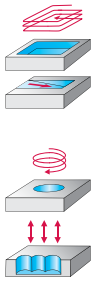
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

High-feed milling cutters

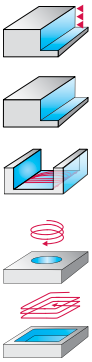




Designation	MC025 Advance	Protostar® Flash	MD025	MD025	Protostar® Flash
Diameter range	10–25	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	5–6	4–5
Corner radius	1,5–3	1,5–2	1,5–3	1,5–3	1,5–3
Diameter range	0,375–1,000	—	0,375–1,000	0,375–1,000	—
Number of teeth	4		5–6	5–6	
Corner radius	0,060–0,125		0,060–0,125	0,060–0,125	
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	TAX	WJ30RD	WJ30RA	TAA
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●		
M Stainless steel	●	●		●●	●●
K Cast iron	●	●	●		
N NF metals				●	
S Materials with difficult cutting properties	●	●		●●	●
H Hard materials					
O Other					
Page in catalog	D 225	D 228	D 223	D 223	D 227
QR code					
www.walter-tools.com/woc/	MC025	protostar-flash	MD025	MD025	protostar-flash

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters







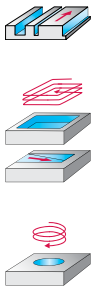
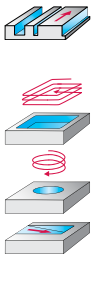
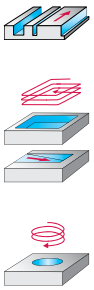


Designation	MC128	MD128	MD128
Diameter range	10–25	10–25	10–25
Number of teeth	6–8	6–8	6–8
Corner radius	0,5–4	0,5–4	0,5–4
Diameter range	—	—	—
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30RD	WJ30RA
Shank	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	
M Stainless steel	●		●●
K Cast iron	●	●	
N NF metals			
S Materials with difficult cutting properties	●		●●
H Hard materials			
O Other			
Page in catalog	D 231	D 229	D 229
QR code			
www.walter-tools.com/woc/	MC128	MD128	MD128

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



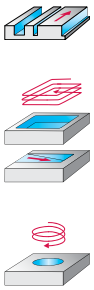




Designation	MC326	MC320	Proto·max™ST	Protostar®	Proto·max™Inox
Diameter range	10–25	10–25	10–20	10–25	10–25
Number of teeth	4–5	4–8	4	3	4–5
Corner radius	0,5–4	0,35–0,4	0,5–4		0,5–4
Diameter range	0,375–1,000	—	—	—	—
Number of teeth	4–5				
Corner radius	0,015–0,125				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30TF	TAZ	TAX	TAA
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●			●●
K Cast iron	●	●	●	●	
N NF metals					
S Materials with difficult cutting properties	●	●			●
H Hard materials					
O Other					
Page in catalog	D 239	D 243	D 233	D 244	D 235
QR code					
www.walter-tools.com/woc/	MC326	MC320	protomax-st	protostar	protomax-inox

WALTER SELECT ●● Primary application ● Other application

Shoulder/slot milling cutters





Designation	Protostar®	
Diameter range	10–25	
Number of teeth	2–3	
Corner radius		
Diameter range	—	
Number of teeth		
Corner radius		
Standard	PWZ-NORM	
Coating / grade	uncoated	
Shank	ConeFit	
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Page in catalog	D 237	
QR code		
www.walter-tools.com/woc/	protostar	

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters



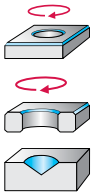


Designation	Protostar®	
Diameter range	10–25	
Number of teeth	2–4	
Corner radius	5–12.5	
Diameter range	0.375–1.000	
Number of teeth	4	
Corner radius	0.187–0.500	
Standard	PWZ-NORM	
Coating / grade	TAX	
Shank	ConeFit	
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●	
N NF metals	●	
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Page in catalog	D 245	
QR code		
www.walter-tools.com/woc/	protostar	

D1

WALTER SELECT ●● Primary application ● Other application

Profiling cutters





Designation	Protostar®	
Diameter range	10–20	
Number of teeth	2–8	
Corner radius		
Diameter range	0.500–0.625	
Number of teeth	6–8	
Corner radius		
Standard	PWZ-NORM	
Coating / grade	TAX	
Shank	ConeFit	
P Steel	●●	
M Stainless steel	●	
K Cast iron	●	
N NF metals	●	
S Materials with difficult cutting properties	●	
H Hard materials		
O Other		
Page in catalog	D 249	
QR code		
www.walter-tools.com/woc/	protostar	

D1

WALTER SELECT ●● Primary application ● Other application

Circle segment milling cutters







Designation	MD838	MD838	
Diameter range	16	16	
Number of teeth	8	8	
Corner radius	2–4	2–4	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	WJ30RD	WJ30RA	
Shank	ConeFit	ConeFit	
P Steel	●●		
M Stainless steel		●●	
K Cast iron	●		
N NF metals		●	
S Materials with difficult cutting properties		●●	
H Hard materials			
O Other			
Page in catalog	D 258	D 258	
QR code			
www.walter-tools.com/woc/	MD838	MD838	

D1

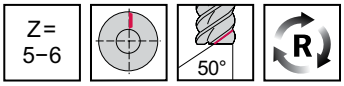
WALTER SELECT

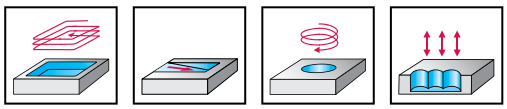
●● Primary application ● Other application

Solid carbide high-feed milling cutter

MD025 mm

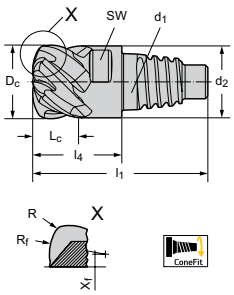






	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



ConeFit

Designation	D_c h9 mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30RA	WJ30RD
MD025-10.0E5P150-	10	5.5	1.7	5	1.998	1.5	23.6	12.4	8	E10	5	☺	😐
MD025-12.0E6P150-	12	6.5	2.25	6	2.103	1.5	28.3	14.5	10	E12	6	☺	😐
MD025-16.0E6P200-	16	8.5	3.1	8	2.747	2	35.7	18.7	12	E16	6	☺	😐
MD025-20.0E6P200-	20	11	4	10	3.072	2	40.8	21.3	16	E20	6	☺	😐
MD025-25.0E6P300-	25	13.5	5	12	4.206	3	49.6	25.6	20	E25	6	☺	😐

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025-10.0E5P150-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

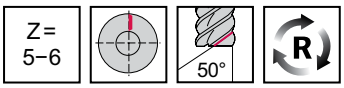
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

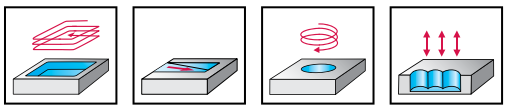
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide high-feed milling cutter

MD025 inch

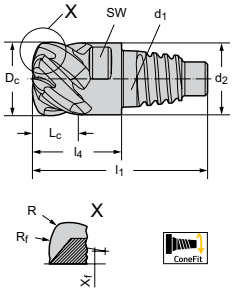






	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



ConeFit

Designation	D_c h9 inch	L_c inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_1 inch	l_4 inch	SW inch	d_1	Z	WJ30RA	WJ30RD
MD025,9.53E5P152-	0.3750	0.209	0.067	0.181	0.076	0.060	0.929	0.488	0.315	E10	5	☺	😐
MD025,12.7E6P152-	0.5000	0.276	0.098	0.236	0.086	0.060	1.114	0.571	0.394	E12	6	☺	😐
MD025,15.9E6P203-	0.6250	0.335	0.118	0.315	0.110	0.080	1.406	0.736	0.472	E16	6	☺	😐
MD025,19.1E6P203-	0.7500	0.413	0.157	0.354	0.117	0.080	1.606	0.839	0.630	E20	6	☺	😐
MD025,25.4E6P318-	1.0000	0.551	0.197	0.472	0.174	0.125	1.953	1.008	0.787	E25	6	☺	😐

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025,12.7E6P152-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

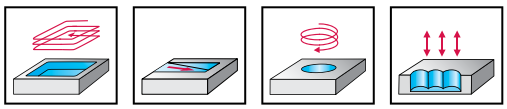
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

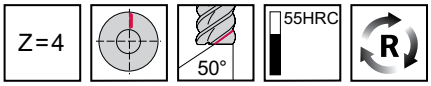
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide high-feed milling cutter

MC025 Advance mm

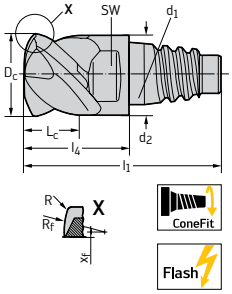






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	d_1	Z	SW mm	WJ30TF
MC025-10.0E4P150-	10	5.5	1.7	5	1.998	1.5	23.6	12.4	E10	4	8	☻
MC025-12.0E4P150-	12	6.5	2.25	6	2.103	1.5	28.3	14.5	E12	4	10	☻
MC025-16.0E4P200-	16	8.5	3.1	8	2.747	2	35.7	18.7	E16	4	12	☻
MC025-20.0E4P200-	20	11	4	10	3.072	2	40.8	21.3	E20	4	16	☻
MC025-25.0E4P300-	25	13.5	5	12	4.206	3	49.6	25.6	E25	4	20	☻

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025-10.0E4P150-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

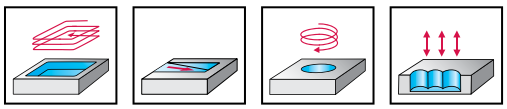
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

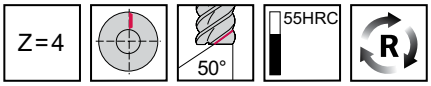
☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide high-feed milling cutter

MC025 Advance inch

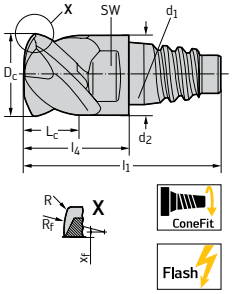






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 inch	a_{pf} inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_1 inch	l_4 inch	d_1	Z	SW inch	WJ30TF
MC025,9.53E4P152-	0.3750	0.209	0.067	0.181	0.076	0.060	0.929	0.488	E10	4	0.315	☺
MC025,12.7E4P152-	0.5000	0.276	0.098	0.236	0.086	0.060	1.114	0.571	E12	4	0.394	☺
MC025,15.9E4P203-	0.6250	0.335	0.118	0.315	0.110	0.080	1.406	0.736	E16	4	0.472	☺
MC025,19.1E4P203-	0.7500	0.413	0.157	0.354	0.117	0.080	1.606	0.839	E20	4	0.630	☺
MC025,25.4E4P318-	1.0000	0.551	0.197	0.472	0.174	0.125	1.953	1.008	E25	4	0.787	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025,12.7E4P152-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

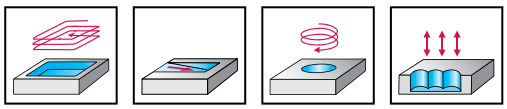
New addition to the product range = ☺ 😐 ☹ / ★

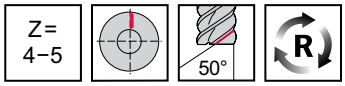
Solid carbide high-feed milling cutter

H2EC94717 mm

Protostar® Flash

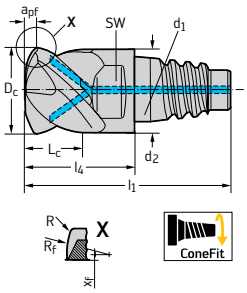






	P	M	K	N	S	H	O
TAA		●●			●		

Tool



ConeFit

Designation	D_c h9 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_1 mm	l_4 mm	SW mm	d_1	Z
H2EC94717-E10-10	10	0.7	1.7	5	1.998	1.5	6	23.6	12.4	8	E10	4
H2EC94717-E12-12	12	0.8	2.25	6	2.103	1.5	7.5	28.3	14.5	10	E12	4
H2EC94717-E16-16	16	1	3.1	8	2.747	2	10	35.7	18.7	12	E16	4
H2EC94717-E20-20	20	1.3	4	10	3.072	2	12	40.8	21.3	16	E20	4
H2EC94717-E25-25	25	1.6	5	12	4.206	3	15	49.6	25.6	20	E25	5

Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

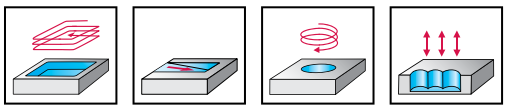
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

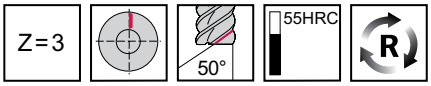
Solid carbide high-feed milling cutter

H3E93718 mm

Protostar® Flash

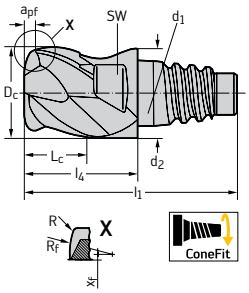






	P	M	K	N	S	H	O
TAX	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	a_{pf} mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	SW mm	d_1	Z
H3E93718-E10-10	10	0.75,5	1.7	5	1.998	1.5	23.6	12.4	8	E10	3	
H3E93718-E12-12	12	0.86,5	2.25	6	2.103	1.5	28.3	14.5	10	E12	3	
H3E93718-E16-16	16	18.5	3.1	8	2.747	2	35.7	18.7	12	E16	3	

Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MD128 mm



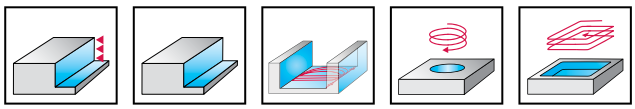
Z= 6–8





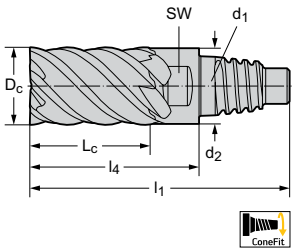


– l11 - Corner chamfer



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD128-10.0E6X-	10	0.1	15	9.7	33.1	21.9	E10	8	6	☺	😐
MD128-12.0E6X-	12	0.1	18	11.7	39.8	26	E12	10	6	☺	😐
MD128-16.0E6X-	16	0.15	24	15.5	51.2	34.2	E16	12	6	☺	😐
MD128-20.0E8X-	20	0.15	30	19.3	59.8	40.3	E20	16	8	☺	😐
MD128-25.0E8X-	25	0.15	37.5	24.2	73.6	49.8	E25	20	8	☺	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-10.0E6X-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

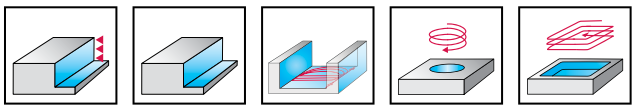
Solid carbide shoulder milling cutters

MD128 mm



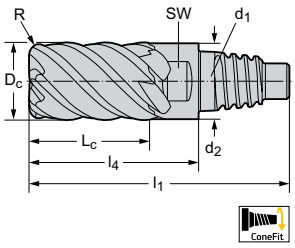
Z= 6–8 | 50° | R

– Corner radius



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD128-10.0E6X050-	10	0.5	15	9.7	33.1	21.9	E10	8	6	😊	😐
MD128-10.0E6X100-	10	1	15	9.7	33.1	21.9	E10	8	6	😊	😐
MD128-12.0E6X050-	12	0.5	18	11.7	39.8	26	E12	10	6	😊	😐
MD128-12.0E6X100-	12	1	18	11.7	39.8	26	E12	10	6	😊	😐
MD128-12.0E6X200-	12	2	18	11.7	39.8	26	E12	10	6	😊	😐
MD128-16.0E6X050-	16	0.5	24	15.5	51.2	34.2	E16	12	6	😊	😐
MD128-16.0E6X100-	16	1	24	15.5	51.2	34.2	E16	12	6	😊	😐
MD128-16.0E6X200-	16	2	24	15.5	51.2	34.2	E16	12	6	😊	😐
MD128-20.0E8X100-	20	1	30	19.3	59.8	40.3	E20	16	8	😊	😐
MD128-20.0E8X400-	20	4	30	19.3	59.8	40.3	E20	16	8	😊	😐
MD128-25.0E8X100-	25	1	37.5	24.2	73.6	49.8	E25	20	8	😊	😐
MD128-25.0E8X400-	25	4	37.5	24.2	73.6	49.8	E25	20	8	😊	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-10.0E6X050-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

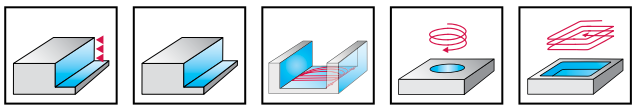
New addition to the product range = 😊 😐 😞 / ★

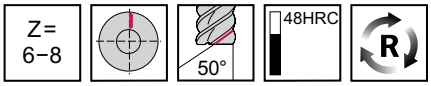
Solid carbide shoulder milling cutters

MC128 mm



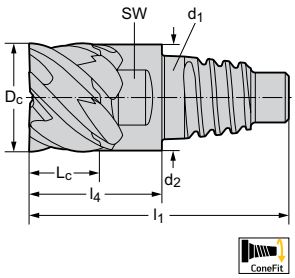
– l11 - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC128-10.0E6P-	10	0.1	5.5	9.7	23.6	12.4	E10	8	6	☺
MC128-12.0E6P-	12	0.1	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-16.0E6P-	16	0.15	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-20.0E8P-	20	0.15	11	19.3	40.8	21.3	E20	16	8	☺
MC128-25.0E8P-	25	0.15	13.5	24.2	49.6	25.6	E25	20	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-10.0E6P-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

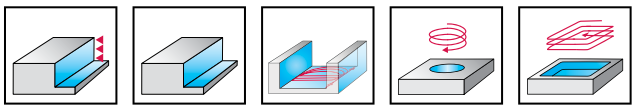
☺ 😐 ☹ / ★ = New addition to the product range

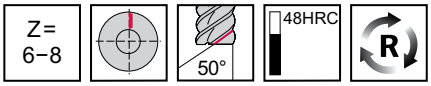
Solid carbide shoulder milling cutters

MC128 mm



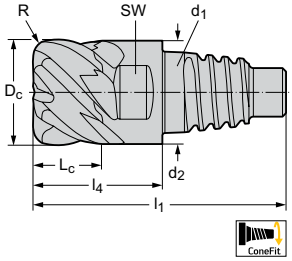
– Corner radius





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC128-10.0E6P050-	10	0.5	5.5	9.7	23.6	12.4	E10	8	6	☺
MC128-10.0E6P100-	10	1	5.5	9.7	23.6	12.4	E10	8	6	☺
MC128-12.0E6P050-	12	0.5	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-12.0E6P100-	12	1	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-12.0E6P150-	12	1.5	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-12.0E6P200-	12	2	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-16.0E6P050-	16	0.5	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-16.0E6P100-	16	1	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-16.0E6P150-	16	1.5	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-16.0E6P200-	16	2	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-20.0E8P100-	20	1	11	19.3	40.8	21.3	E20	16	8	☺
MC128-20.0E8P200-	20	2	11	19.3	40.8	21.3	E20	16	8	☺
MC128-20.0E8P400-	20	4	11	19.3	40.8	21.3	E20	16	8	☺
MC128-25.0E8P100-	25	1	13.5	24.2	49.6	25.6	E25	20	8	☺
MC128-25.0E8P200-	25	2	13.5	24.2	49.6	25.6	E25	20	8	☺
MC128-25.0E8P400-	25	4	13.5	24.2	49.6	25.6	E25	20	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-10.0E6P050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

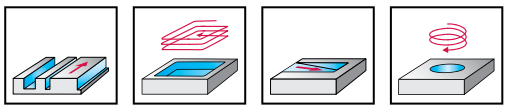
Solid carbide shoulder/slot milling cutters

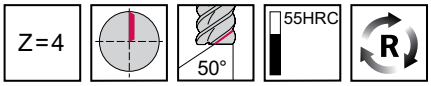
H4E34217 mm

Proto·max™ST



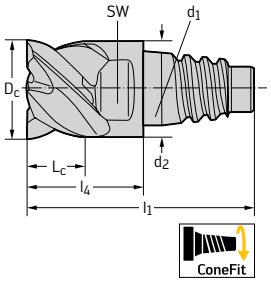
– l_{11} - Corner chamfer Long reach
– Long reach





	P	M	K	N	S	H	O
TAZ	●●		●				

Tool



ConeFit

Designation	D_c h9 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H4E34217-E10-10	10	0.1	5.5	9.7	23.6	12.4	E10	8	4
H4E34217-E12-12	12	0.1	6.5	11.7	28.3	14.5	E12	10	4
H4E34217-E16-16	16	0.15	8.5	15.5	35.7	18.7	E16	12	4
H4E34217-E20-20	20	0.15	11	19.3	40.8	21.3	E20	16	4

Slot milling $a_p \leq 0.47 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

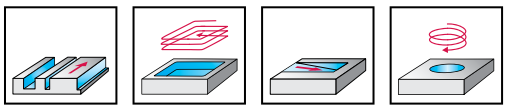
Solid carbide shoulder/slot milling cutters

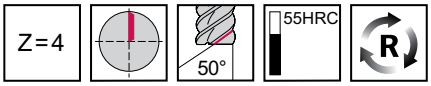
H4E38217 mm

Proto·max™ST



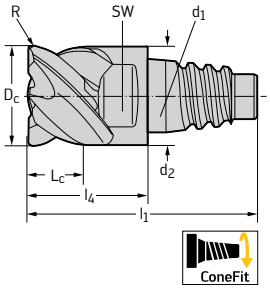
– Corner radius
– Long reach





	P	M	K	N	S	H	O
TAZ	●●		●				

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H4E38217-E10-10-0.5	10	0.5	5.5	9.7	23.6	12.4	E10	8	4
H4E38217-E10-10-1	10	1	5.5	9.7	23.6	12.4	E10	8	4
H4E38217-E10-10-2	10	2	5.5	9.7	23.6	12.4	E10	8	4
H4E38217-E12-12-0.5	12	0.5	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-1	12	1	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-1.5	12	1.5	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-2	12	2	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-3	12	3	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E16-16-0.5	16	0.5	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-1	16	1	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-2	16	2	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-3	16	3	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-4	16	4	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E20-20-0.5	20	0.5	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-1	20	1	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-2	20	2	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-3	20	3	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-4	20	4	11	19.3	40.8	21.3	E20	16	4

Slot milling $a_p \leq 0.47 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

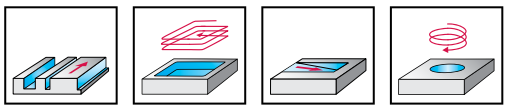
Solid carbide shoulder/slot milling cutters

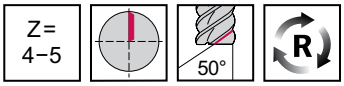
H2EC34217 mm

Proto·max™ Inox



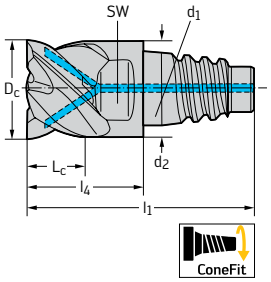
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
TAA		●●			●		

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H2EC34217-E10-10	10	0.1	6	9.7	23.6	12.4	E10	8	4
H2EC34217-E12-12	12	0.1	7.5	11.7	28.3	14.5	E12	10	4
H2EC34217-E16-16	16	0.15	10	15.5	35.7	18.7	E16	12	4
H2EC34217-E20-20	20	0.15	12	19.3	40.8	21.3	E20	16	4
H2EC34217-E25-25	25	0.15	15	24.2	49.6	25.6	E25	20	5

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

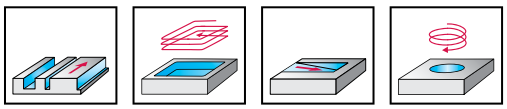
Solid carbide shoulder/slot milling cutters

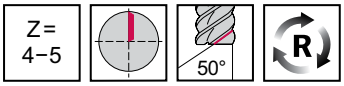
H2EC38217 mm

Proto·max™ Inox



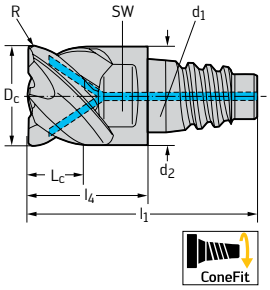
– Corner radius





	P	M	K	N	S	H	O
TAA		●●			●		

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H2EC38217-E10-10-0.5	10	0.5	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-1	10	1	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-1.5	10	1.5	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-2	10	2	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-3	10	3	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E12-12-0.5	12	0.5	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-1	12	1	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-1.5	12	1.5	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-2	12	2	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-3	12	3	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-4	12	4	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E16-16-1	16	1	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E16-16-2	16	2	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E16-16-3	16	3	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E16-16-4	16	4	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E20-20-1	20	1	12	19.3	40.8	21.3	E20	16	4
H2EC38217-E20-20-2	20	2	12	19.3	40.8	21.3	E20	16	4
H2EC38217-E20-20-4	20	4	12	19.3	40.8	21.3	E20	16	4
H2EC38217-E25-25-1	25	1	15	24.2	49.6	25.6	E25	20	5
H2EC38217-E25-25-2	25	2	15	24.2	49.6	25.6	E25	20	5
H2EC38217-E25-25-3	25	3	15	24.2	49.6	25.6	E25	20	5
H2EC38217-E25-25-4	25	4	15	24.2	49.6	25.6	E25	20	5

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

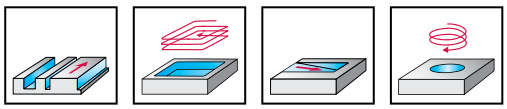
Solid carbide shoulder/slot milling cutters

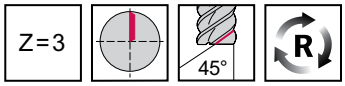
H6E2211 mm

Protostar®



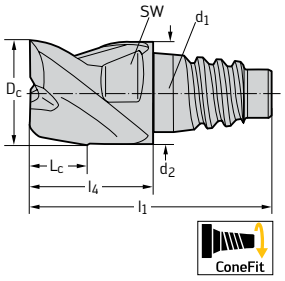
– l_{11} - Corner chamfer
– Type AI 45





	P	M	K	N	S	H	O
uncoated				●●			

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1	SW mm	Z
H6E2211-E10-10	10	0.1	5.5	23.6	12.4	9.7	E10	8	3
H6E2211-E12-12	12	0.1	6.5	28.3	14.5	11.7	E12	10	3
H6E2211-E16-16	16	0.15	8.5	35.7	18.7	15.5	E16	12	3
H6E2211-E20-20	20	0.15	11	40.8	21.3	19.3	E20	16	3
H6E2211-E25-25	25	0.15	13.5	49.6	25.6	24.2	E25	20	3

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

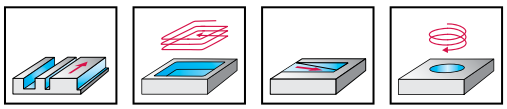
Solid carbide shoulder/slot milling cutters

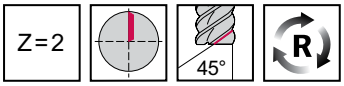
H6E2511 mm

Protostar®



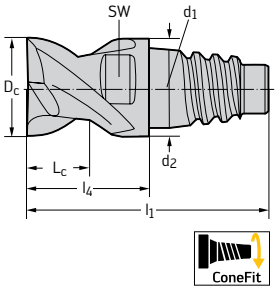
– l_{11} - Corner chamfer
– Type AI 45





	P	M	K	N	S	H	O
uncoated				●●			

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1	SW mm	Z
H6E2511-E10-10	10	0.1	5.5	23.6	12.4	9.7	E10	8	2
H6E2511-E12-12	12	0.1	6.5	28.3	14.5	11.7	E12	10	2
H6E2511-E16-16	16	0.15	8.5	35.7	18.7	15.5	E16	12	2

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

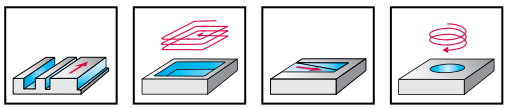
New addition to the product range = ☺ 😐 ☹ / ★

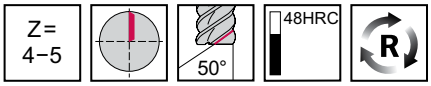
Solid carbide shoulder/slot milling cutters

MC326 mm



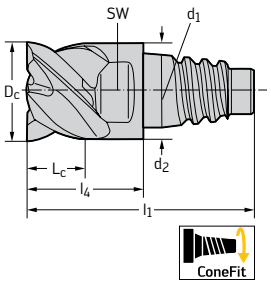
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC326-10.0E4P-	10	0.1	5.5	9.7	23.6	12.4	E10	8	4	
MC326-12.0E4P-	12	0.1	6.5	11.7	28.3	14.5	E12	10	4	
MC326-16.0E4P-	16	0.15	8.5	15.5	35.7	18.7	E16	12	4	
MC326-20.0E4P-	20	0.15	11	19.3	40.8	21.3	E20	16	4	
MC326-25.0E5P-	25	0.15	13.5	24.2	49.6	25.6	E25	20	5	

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326-10.0E4P-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

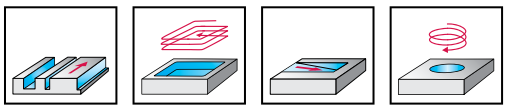
☺ 😐 ☹ / ★ = New addition to the product range

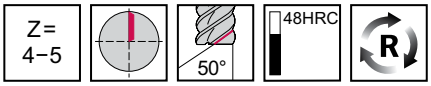
Solid carbide shoulder/slot milling cutters

MC326 inch



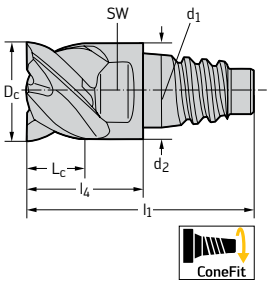
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9	D_c h9 inch	l_{11} inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30TF
MC326,9.53E4P-	3/8"	0.3750	0.004	0.209	0.364	0.929	0.488	E10	0.315	4	●
MC326,12.7E4P-	1/2"	0.5000	0.006	0.276	0.484	1.114	0.575	E12	0.394	4	●
MC326,15.9E4P-	5/8"	0.6250	0.006	0.335	0.61	1.406	0.736	E16	0.472	4	●
MC326,19.1E4P-	3/4"	0.7500	0.006	0.413	0.728	1.606	0.839	E20	0.630	4	●
MC326,25.4E5P-	1"	1.0000	0.006	0.551	0.965	1.953	1.008	E25	0.787	5	●

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326,12.7E4P-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

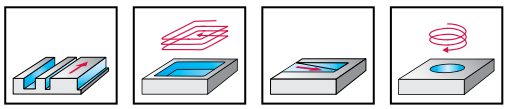
New addition to the product range = ☺ 😐 ☹ / ★

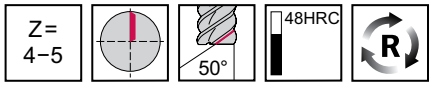
Solid carbide shoulder/slot milling cutters

MC326 mm



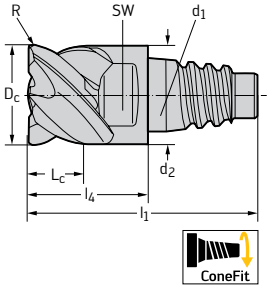
– Corner radius





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC326-10.0E4P050-	10	0.5	5.5	9.7	23.6	12.4	E10	8	4	☺
MC326-10.0E4P100-	10	1	5.5	9.7	23.6	12.4	E10	8	4	☺
MC326-10.0E4P150-	10	1.5	5.5	9.7	23.6	12.4	E10	8	4	☺
MC326-10.0E4P200-	10	2	5.5	9.7	23.6	12.4	E10	8	4	☺
MC326-10.0E4P300-	10	3	5.5	9.7	23.6	12.4	E10	8	4	☺
MC326-12.0E4P050-	12	0.5	6.5	11.7	28.3	14.5	E12	10	4	☺
MC326-12.0E4P100-	12	1	6.5	11.7	28.3	14.5	E12	10	4	☺
MC326-12.0E4P150-	12	1.5	6.5	11.7	28.3	14.5	E12	10	4	☺
MC326-12.0E4P200-	12	2	6.5	11.7	28.3	14.5	E12	10	4	☺
MC326-12.0E4P300-	12	3	6.5	11.7	28.3	14.5	E12	10	4	☺
MC326-12.0E4P400-	12	4	6.5	11.7	28.3	14.5	E12	10	4	☺
MC326-16.0E4P050-	16	0.5	8.5	15.5	35.7	18.7	E16	12	4	☺
MC326-16.0E4P100-	16	1	8.5	15.5	35.7	18.7	E16	12	4	☺
MC326-16.0E4P150-	16	1.5	8.5	15.5	35.7	18.7	E16	12	4	☺
MC326-16.0E4P200-	16	2	8.5	15.5	35.7	18.7	E16	12	4	☺
MC326-16.0E4P300-	16	3	8.5	15.5	35.7	18.7	E16	12	4	☺
MC326-16.0E4P400-	16	4	8.5	15.5	35.7	18.7	E16	12	4	☺
MC326-20.0E4P050-	20	0.5	11	19.3	40.8	21.3	E20	16	4	☺
MC326-20.0E4P100-	20	1	11	19.3	40.8	21.3	E20	16	4	☺
MC326-20.0E4P150-	20	1.5	11	19.3	40.8	21.3	E20	16	4	☺
MC326-20.0E4P200-	20	2	11	19.3	40.8	21.3	E20	16	4	☺
MC326-20.0E4P300-	20	3	11	19.3	40.8	21.3	E20	16	4	☺
MC326-20.0E4P400-	20	4	11	19.3	40.8	21.3	E20	16	4	☺
MC326-25.0E5P100-	25	1	13.5	24.2	49.6	25.6	E25	20	5	☺
MC326-25.0E5P150-	25	1.5	13.5	24.2	49.6	25.6	E25	20	5	☺
MC326-25.0E5P200-	25	2	13.5	24.2	49.6	25.6	E25	20	5	☺
MC326-25.0E5P300-	25	3	13.5	24.2	49.6	25.6	E25	20	5	☺
MC326-25.0E5P400-	25	4	13.5	24.2	49.6	25.6	E25	20	5	☺

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326-10.0E4P050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

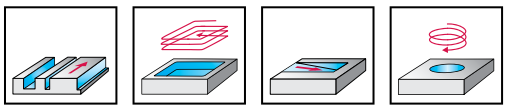
☺ 😐 ☹ / ★ = New addition to the product range

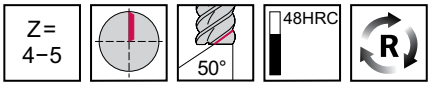
Solid carbide shoulder/slot milling cutters

MC326 inch



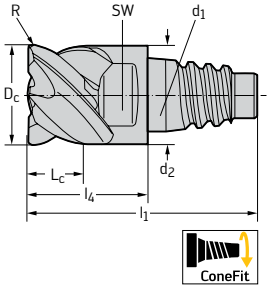
– Corner radius





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30TF
MC326,9.53E4P038-	3/8"	0.3750	0.015	0.209	0.364	0.929	0.488	E10	0.315	4	😐
MC326,9.53E4P076-	3/8"	0.3750	0.030	0.209	0.364	0.929	0.488	E10	0.315	4	😐
MC326,12.7E4P038-	1/2"	0.5000	0.015	0.276	0.484	1.114	0.575	E12	0.394	4	😐
MC326,12.7E4P076-	1/2"	0.5000	0.030	0.276	0.484	1.114	0.575	E12	0.394	4	😐
MC326,12.7E4P152-	1/2"	0.5000	0.060	0.276	0.484	1.114	0.575	E12	0.394	4	😐
MC326,15.9E4P152-	5/8"	0.6250	0.060	0.335	0.61	1.406	0.736	E16	0.472	4	😐
MC326,19.1E4P152-	3/4"	0.7500	0.060	0.413	0.728	1.606	0.839	E20	0.630	4	😐
MC326,19.1E4P318-	3/4"	0.7500	0.125	0.413	0.728	1.606	0.839	E20	0.630	4	😐
MC326,25.4E5P152-	1"	1.0000	0.060	0.551	0.965	1.953	1.008	E25	0.787	5	😐
MC326,25.4E5P318-	1"	1.0000	0.125	0.551	0.965	1.953	1.008	E25	0.787	5	😐

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326,12.7E4P038-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

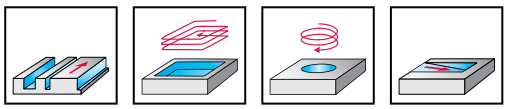
Best tool for → Good = 😀 → Average = 😐 → Poor = 😣 machining conditions

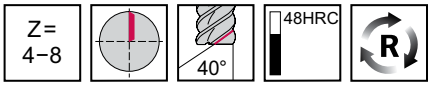
New addition to the product range = 😀 😐 😣 / ★

Solid carbide shoulder/slot milling cutter

MC320 mm

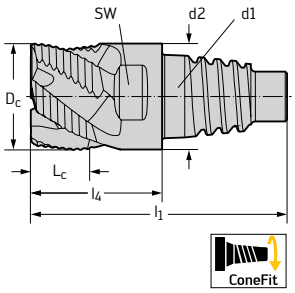






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h12 mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC320-10.0E4P-	10	5.5	9.7	23.6	12.4	E10	8	4	☺
MC320-10.0E5P-	10	5.5	9.7	23.6	12.4	E10	8	5	☺
MC320-12.0E4P-	12	6.5	11.7	28.3	14.5	E12	10	4	☺
MC320-12.0E5P-	12	6.5	11.7	28.3	14.5	E12	10	5	☺
MC320-16.0E6P-	16	8.5	15.5	35.7	18.7	E16	12	6	☺
MC320-20.0E6P-	20	11	19.3	40.8	21.3	E20	16	6	☺
MC320-25.0E8P-	25	13.5	24.2	49.6	25.6	E25	20	8	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC320-10.0E4P-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

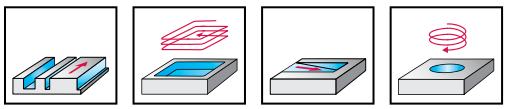
Solid carbide shoulder/slot milling cutters

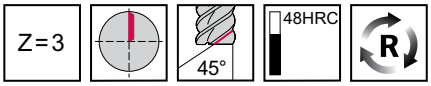
H3E29148 mm

Protostar®



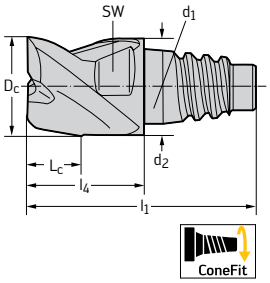
– l_{11} - Corner chamfer





	P	M	K	N	S	H	O
TAX	●●		●				

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H3E29148-E10-10	10	0.1	5.5	9.7	23.6	12.4	E10	8	3
H3E29148-E12-12	12	0.1	6.5	11.7	28.3	14.5	E12	10	3
H3E29148-E16-16	16	0.15	8.5	15.5	35.7	18.7	E16	12	3
H3E29148-E20-20	20	0.15	11	19.3	40.8	21.3	E20	16	3
H3E29148-E25-25	25	0.15	13.5	24.2	49.6	25.6	E25	20	3

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

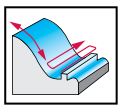
New addition to the product range = ☺ 😐 ☹ / ★

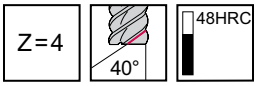
Solid carbide ball-nose copy milling cutters

H8E11118 mm

Protostar®

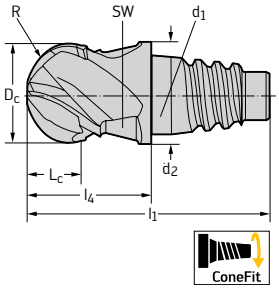






	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9 in	R in	L_c in	l_4 in	d_2 in	d_1	l_1 in	Z	SW in
H8E11118-E10-10	10	5	5.5	12.4	9.7	E10	23.6	4	8
H8E11118-E12-12	12	6	6.5	14.5	11.7	E12	28.3	4	10
H8E11118-E16-16	16	8	8.5	18.7	15.5	E16	35.7	4	12
H8E11118-E20-20	20	10	11	21.3	19.3	E20	40.8	4	16
H8E11118-E25-25	25	12.5	13.5	25.6	24.2	E25	49.6	4	20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

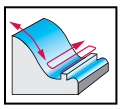
☺ 😐 ☹ / ★ = New addition to the product range

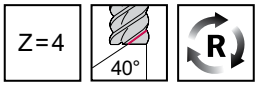
Solid carbide ball-nose copy milling cutters

AH8E11118 inch

Protostar®

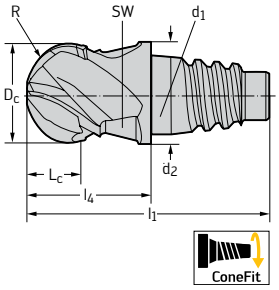






	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9 inch	R inch	L_c inch	l_4 inch	d_2 inch	d_1	l_1 inch	Z	SW inch
AH8E11118-E10-3/8	0.3750	0.187	0.209	0.488	0.364	E10	0.929	4	0.315
AH8E11118-E12-1/2	0.5000	0.250	0.276	0.575	0.484	E12	1.114	4	0.394
AH8E11118-E16-5/8	0.6250	0.312	0.335	0.736	0.61	E16	1.406	4	0.472
AH8E11118-E20-3/4	0.7500	0.375	0.413	0.839	0.728	E20	1.606	4	0.630
AH8E11118-E25-1	1.0000	0.500	0.551	1.008	0.965	E25	1.953	4	0.787

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

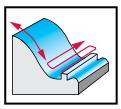
New addition to the product range = ☺ 😐 ☹ / ★

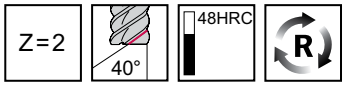
Solid carbide ball-nose copy milling cutters

H8E01118 mm

Protostar®

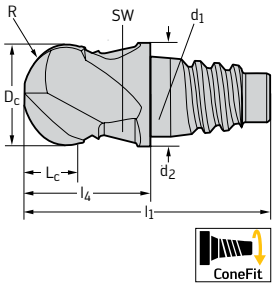






	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9 in	R in	L_c in	l_4 in	d_2 in	d_1	l_1 in	Z	SW in
H8E01118-E10-10	10	5	5.5	12.4	9.7	E10	23.6	2	8
H8E01118-E12-12	12	6	6.5	14.5	11.7	E12	28.3	2	10
H8E01118-E16-16	16	8	8.5	18.7	15.5	E16	35.7	2	12
H8E01118-E20-20	20	10	11	21.3	19.3	E20	40.8	2	16

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

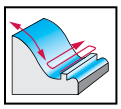
☺ 😐 ☹ / ★ = New addition to the product range

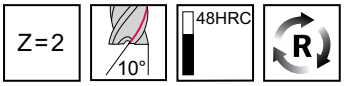
Solid carbide ball-nose copy milling cutters

H1E01118 mm

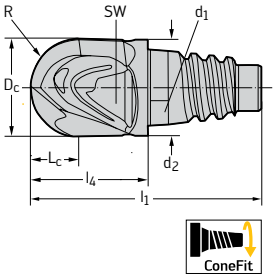
Protostar®







	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool	Designation	D_c h9 in	R in	L_c in	l_4 in	d_2 in	d_1	l_1 in	Z	SW in
	H1E01118-E10-10	10	5	8	11.8	9.7	E10	23	2	6
	H1E01118-E12-12	12	6	10	14	11.7	E12	27.8	2	8
	H1E01118-E16-16	16	8	13	18.1	15.5	E16	35.1	2	10

ConeFit

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

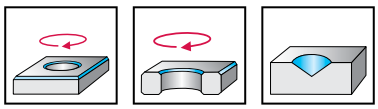
New addition to the product range = ☺ 😐 ☹ / ★

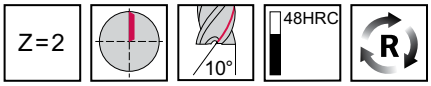
60° solid carbide chamfer mill

H1E58518 mm

Protostar®

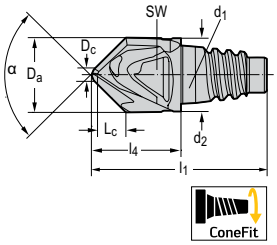






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H1E58518-E10-10	1.5	10	7.23	9.7	23	12	6	9.7	2
H1E58518-E12-12	1.5	12	7.73	11.7	28	14	8	11.7	2

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

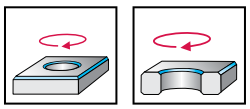
☺ 😐 ☹ / ★ = New addition to the product range

60° solid carbide chamfer mill

H3E58518 mm

Protostar®

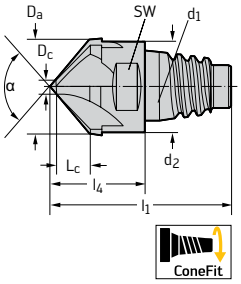






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H3E58518-E10-10	3.5	10	5.6	9.7	24	12	8	9.7	4
H3E58518-E12-12	4.5	12	6.5	11.7	28	15	10	11.7	6

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

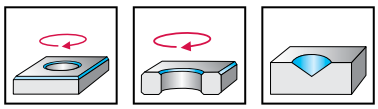
New addition to the product range = ☺ 😐 ☹ / ★

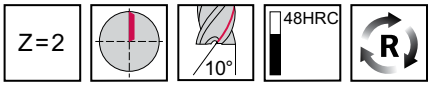
90° solid carbide chamfer mill

H1E58318 mm

Protostar®

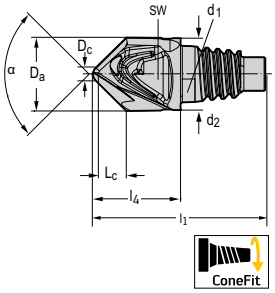






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H1E58318-E10-10	1.5	10	4.23	9.7	23	12	6	9.7	2
H1E58318-E12-12	1.5	12	5.23	11.7	28	14	8	11.7	2
H1E58318-E16-16	1.5	16	7.23	15.5	35	18	10	15.5	2

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

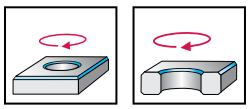
☺ 😐 ☹ / ★ = New addition to the product range

90° solid carbide chamfer mill

H3E58318 mm

Protostar®

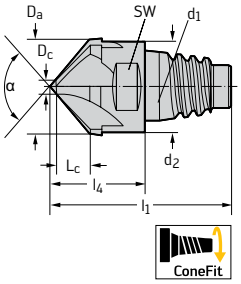






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H3E58318-E10-10	1.5	10	4.25	9.7	24	12	8	9.7	4
H3E58318-E12-12	3	12	4.5	11.7	28	13	10	11.7	6
H3E58318-E16-16	3	16	6.5	15.5	36	17	12	15.5	8

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

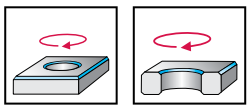
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide chamfer milling cutter 90°

AH3E58318 inch

Protostar®

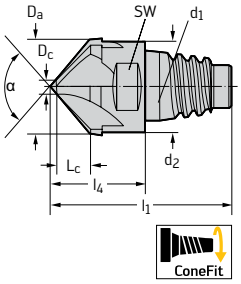






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c inch	D_a inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	SW inch	d_1 inch	Z
AH3E58318-E12-1/2	0.1181	0.500	0.191	0.484	1.114	0.512	0.394	0.484	6
AH3E58318-E16-5/8	0.2559	0.625	0.256	0.61	1.406	0.677	0.472	0.61	8

Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

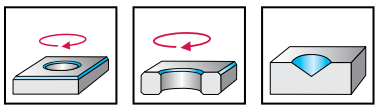
☺ 😐 ☹ / ★ = New addition to the product range

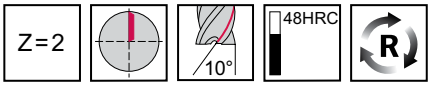
120° solid carbide chamfer mill

H1E58118 mm

Protostar®

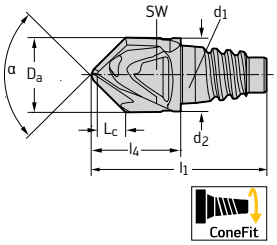






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H1E58118-E10-10	1.5	10	2.43	9.7	23	12	6	9.7	2
H1E58118-E12-12	1.5	12	3.03	11.7	28	14	8	11.7	2

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

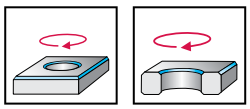
New addition to the product range = ☺ 😐 ☹ / ★

120° solid carbide chamfer mill

H3E58118 mm

Protostar®



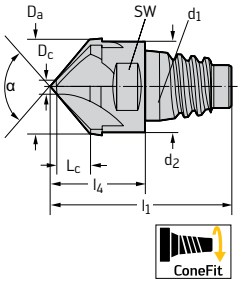




	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H3E58118-E12-12	3	12	2.6	11.7	28	14	10	11.7	6



ConeFit

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

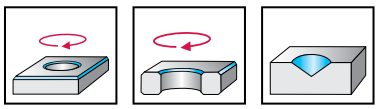
☺ 😐 ☹ / ★ = New addition to the product range

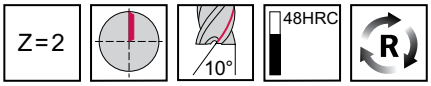
150° solid carbide chamfer mill

H1E58018 mm

Protostar®



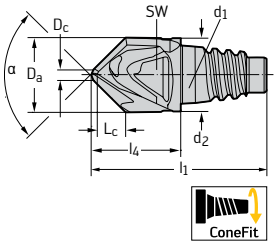




	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1 mm	Z
H1E58018-E12-12	1.5	12	1.6	11.7	28	14	8	11.7	2



ConeFit

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

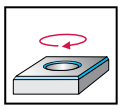
New addition to the product range = ☺ 😐 ☹ / ★

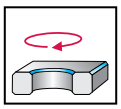
Solid carbide quarter-round profile mill

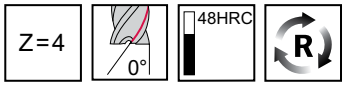
H3E68118 mm

Protostar®



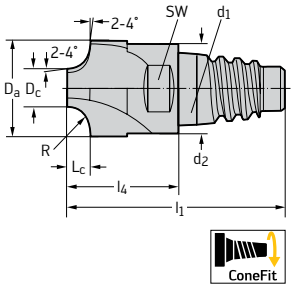






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1	Z
H3E68118-E10-10-1	5	10	1	1	9.7	23.6	12.4	8	E10	4
H3E68118-E10-10-2	5	10	2	2	9.7	23.6	12.4	8	E10	4
H3E68118-E10-10-3	4	10	3	3	9.7	23.6	12.4	8	E10	4
H3E68118-E12-12-3	5	12	3	3	11.7	28.3	14.5	10	E12	4
H3E68118-E16-16-4	6	16	4	4	15.5	35.7	18.7	12	E16	4
H3E68118-E16-16-5	6	16	5	5	15.5	35.7	18.7	12	E16	4
H3E68118-E20-20-6	8	20	6	6	19.3	40.8	21.3	16	E20	4

D1

WALTER SELECT

●● Primary application ● Other application

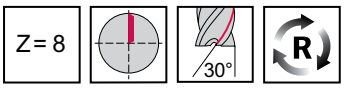
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

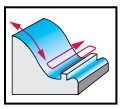
Solid carbide circle segment milling cutters

MD838 mm



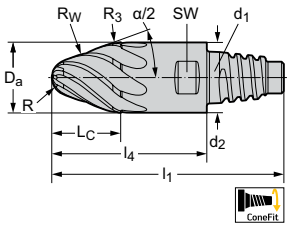


– Conical



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●		●				

Tool



ConeFit

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_4 mm	d_1	l_1 mm	Z	SW mm	WJ30RA	WJ30RD
MD838-16E8P201000-	20°	16	1.000	5	2	18.99	34.2	E16	51.2	8	12	☺	😐
MD838-16E8P301000-	20°	16	1.000	5	3	17.07	34.2	E16	51.2	8	12	☺	😐
MD838-16E8P401000-	20°	16	1.000	5	4	15.17	34.2	E16	51.2	8	12	☺	😐

Ordering example for the grade WJ30RA: MD838-16E8P201000-WJ30RA

D1

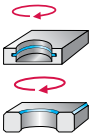
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide milling tools with modular interface





NEW | NEW | NEW | NEW

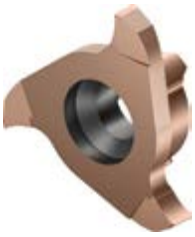


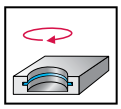
Designation	MG545	MG520	MG515	MG510
Diameter range	9.7–21.7	6.7–27.7	11.7–36.7	6.7–39.7
Number of teeth	3–6	3–6	6	3–6
Corner radius				
Diameter range	—	—	—	0.382–0.854
Number of teeth				3–6
Corner radius				
Standard				
Coating / grade	WMP35X	WMP35X	WMP35X	WMP35X
Shank	Modular interface	Modular interface	Modular interface	Modular interface
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●
H Hard materials	●●	●●	●●	●●
O Other				
Page in catalog	D 268	D 266	D 265	D 261
QR code				
www.walter-tools.com/woc/	MG545	MG520	MG515	MG510

WALTER SELECT ●● Primary application ● Other application

Solid carbide circular milling cutters for slot milling

MG510 mm



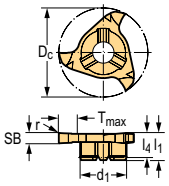


Z=3



	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c mm	SB mm	r mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG510-06.7F053050	6.7	0.5		0.6	3.75	3.25	4.8	F05	3	☻
★ MG510-06.7F053100	6.7	1		0.6	3.85	3.35	4.8	F05	3	☻
★ MG510-09.7F063100	9.7	1	0.1	1.5	3.93	3.35	6	F06	3	☻
★ MG510-09.7F063150	9.7	1.5	0.2	1.5	4.08	3.5	6	F06	3	☻
★ MG510-09.7F063200	9.7	2	0.2	1.5	4.08	3.5	6	F06	3	☻
★ MG510-09.7F063250	9.7	2.5	0.2	1.5	4.08	3.5	6	F06	3	☻
★ MG510-10.7F053050	10.7	0.5		2.6	3.75	3.25	4.8	F05	3	☻
★ MG510-11.7F063300	11.7	3	0.2	2.5	4.08	3.5	6	F06	3	☻
★ MG510-13.7F083100	13.7	1	0.1	2.5	5.35	4.5	8	F08	3	☻
★ MG510-13.7F083150	13.7	1.5	0.2	2.5	5.35	4.5	8	F08	3	☻
★ MG510-13.7F083200	13.7	2	0.2	2.5	5.35	4.5	8	F08	3	☻
★ MG510-13.7F083250	13.7	2.5	0.2	2.5	5.35	4.5	8	F08	3	☻
★ MG510-17.7F093150	17.7	1.5	0.2	3.5	6.65	5.75	9	F09	3	☻
★ MG510-17.7F093200	17.7	2	0.2	3.5	6.65	5.75	9	F09	3	☻
★ MG510-17.7F093250	17.7	2.5	0.2	3.5	6.65	5.75	9	F09	3	☻
★ MG510-17.7F093300	17.7	3	0.2	3.5	6.65	5.75	9	F09	3	☻
★ MG510-17.7F093400	17.7	4	0.2	3.5	6.6	5.7	9	F09	3	☻
★ MG510-21.7F123100	21.7	1	0.1	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123150	21.7	1.5	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123200	21.7	2	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123250	21.7	2.5	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123300	21.7	3	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123350	21.7	3.5	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123400	21.7	4	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-21.7F123500	21.7	5	0.2	4.5	6.6	5.7	12	F12	3	☻
★ MG510-27.7F143150	27.7	1.5	0.2	6.5	7.35	6.5	14.3	F14	3	☻
★ MG510-27.7F143200	27.7	2	0.2	6.5	7.35	6.5	14.3	F14	3	☻
★ MG510-27.7F143250	27.7	2.5	0.2	6.5	7.35	6.5	14.3	F14	3	☻
★ MG510-27.7F143300	27.7	3	0.2	6.5	7.35	6.6	14.3	F14	3	☻
★ MG510-27.7F143350	27.7	3.5	0.2	6.5	7.35	6.6	14.3	F14	3	☻
★ MG510-27.7F143400	27.7	4	0.2	6.5	7.35	6.6	14.3	F14	3	☻
★ MG510-27.7F143500	27.7	5	0.2	6.5	7.45	6.6	14.3	F14	3	☻
★ MG510-27.7F143600	27.7	6	0.2	6.5	7.45	6.6	14.3	F14	3	☻

Ordering example for the grade WMP35X: MG510-06.7F053050 WMP35X

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

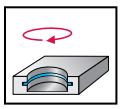
Solid carbide circular milling cutters for slot milling

MG510 mm



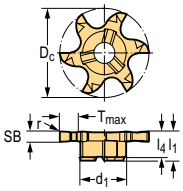
Z=6





	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c mm	SB mm	r mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG510-11.7F066150	11.7	1.5	0.2	2	4.08	3.5	6	F06	6	☹
★ MG510-11.7F066200	11.7	2	0.2	2	4.08	3.5	6	F06	6	☹
★ MG510-15.7F086150	15.7	1.5	0.2	3.5	5.35	4.5	8	F08	6	☹
★ MG510-15.7F086200	15.7	2	0.2	3.5	5.35	4.5	8	F08	6	☹
★ MG510-15.7F086250	15.7	2.5	0.2	3.5	5.35	4.5	8	F08	6	☹
★ MG510-17.7F096150	17.7	1.5	0.1	4	6.6	5.75	9	F09	6	☹
★ MG510-17.7F096200	17.7	2	0.2	4	6.6	5.75	9	F09	6	☹
★ MG510-17.7F096250	17.7	2.5	0.2	4	6.6	5.75	9	F09	6	☹
★ MG510-17.7F096300	17.7	3	0.2	4	6.6	5.75	9	F09	6	☹
★ MG510-21.7F126100	21.7	1	0.1	4.5	6.7	5.85	12	F12	6	☹
★ MG510-21.7F126150	21.7	1.5	0.1	4.5	7.1	6.25	12	F12	6	☹
★ MG510-21.7F126200	21.7	2	0.2	4.5	7.1	6.25	12	F12	6	☹
★ MG510-21.7F126250	21.7	2.5	0.2	4.5	7.1	6.25	12	F12	6	☹
★ MG510-21.7F126300	21.7	3	0.2	4.5	7.1	6.25	12	F12	6	☹
★ MG510-21.7F126400	21.7	4	0.2	4.5	7.1	6.25	12	F12	6	☹
★ MG510-27.7F146600	27.7	6	0.2	6.5	7.3	6.4	14.3	F14	6	☹
★ MG510-27.7F146500	27.7	5	0.2	6.5	7.3	6.4	14.3	F14	6	☹
★ MG510-34.7F146150	34.7	1.5	0.1	10	7.1	6.25	14.3	F14	6	☹
★ MG510-34.7F146200	34.7	2	0.2	10	7.1	6.25	14.3	F14	6	☹
★ MG510-34.7F146250	34.7	2.5	0.2	10	7.1	6.25	14.3	F14	6	☹
★ MG510-34.7F146300	34.7	3	0.2	10	7.1	6.25	14.3	F14	6	☹
★ MG510-36.7F126050	36.7	0.5		12	6.85	6	12	F12	6	☹
★ MG510-39.7F126100	39.7	1		13.5	6.75	5.85	12	F12	6	☹

Ordering example for the grade WMP35X: MG510-11.7F066150 WMP35X

D1

WALTER SELECT

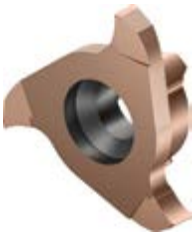
●● Primary application ● Other application

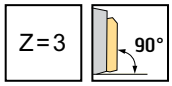
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

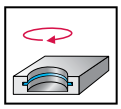
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide circular milling cutters for slot milling

MG510 inch

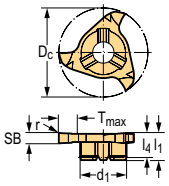






	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c inch	SB inch	r inch	T_{max} inch	l_1 inch	l_4 inch	d_1 inch	d_1 size	Z	WMP35X
★ MG510,09.7F063157	0.3819	0.062		0.059	0.16	0.138	0.236	F06	3	
★ MG510,11.7F063239	0.4606	0.094	0.008	0.098	0.16	0.138	0.236	F06	3	
★ MG510,13.7F083116	0.5394	0.046		0.098	0.211	0.177	0.315	F08	3	
★ MG510,13.7F083157	0.5394	0.062	0.008	0.098	0.211	0.177	0.315	F08	3	
★ MG510,13.7F083239	0.5394	0.094	0.008	0.098	0.211	0.177	0.315	F08	3	
★ MG510,15.7F083317	0.6181	0.125	0.008	0.138	0.211	0.177	0.315	F08	3	
★ MG510,17.7F093116	0.6968	0.046		0.138	0.262	0.226	0.354	F09	3	
★ MG510,17.7F093239	0.6968	0.094	0.008	0.138	0.260	0.224	0.354	F09	3	
★ MG510,17.7F093317	0.6968	0.125	0.008	0.138	0.260	0.224	0.354	F09	3	
★ MG510,21.7F123157	0.8543	0.062	0.008	0.177	0.260	0.224	0.472	F12	3	
★ MG510,21.7F123239	0.8543	0.094	0.008	0.177	0.260	0.224	0.472	F12	3	
★ MG510,21.7F123317	0.8543	0.125	0.008	0.177	0.260	0.224	0.472	F12	3	
★ MG510,21.7F123635	0.8543	0.250	0.008	0.177	0.400	0.366	0.472	F12	3	

Ordering example for the grade WMP35X: MG510,09.7F063157 WMP35X

D1

WALTER SELECT

●● Primary application ● Other application

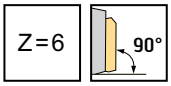
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

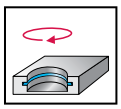
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide circular milling cutters for slot milling

MG510 inch

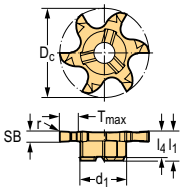






	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c inch	SB inch	r inch	T_{max} inch	l_1 inch	l_4 inch	d_1 inch	d_1 size	Z	WMP35X
★ MG510,21.7F126116	0.8543	0.046	0.004	0.177	0.270	0.236	0.472	F12	6	☹
★ MG510,21.7F126157	0.8543	0.062	0.004	0.177	0.281	0.248	0.472	F12	6	☹
★ MG510,21.7F126239	0.8543	0.094	0.008	0.177	0.278	0.244	0.472	F12	6	☹
★ MG510,21.7F126317	0.8543	0.125	0.008	0.177	0.250	0.217	0.472	F12	6	☹

Ordering example for the grade WMP35X: MG510,21.7F126116 WMP35X

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

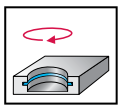
New addition to the product range = ☺ ☹ ☠ / ★

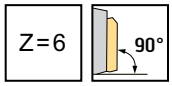
Solid carbide circular milling cutters for slot milling

MG515 mm



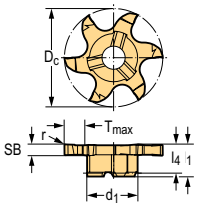
– Smooth cut due to staggered cutting edges





	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c mm	SB mm	r mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG515-11.7F066150	11.7	1.5	0.2	2	4.1	3.5	6	F06	6	●●
★ MG515-11.7F066200	11.7	2	0.2	2	4.1	3.5	6	F06	6	●●
★ MG515-15.7F086150	15.7	1.5	0.2	3.5	5.35	4.5	8	F08	6	●●
★ MG515-15.7F086200	15.7	2	0.2	3.5	5.35	4.5	8	F08	6	●●
★ MG515-15.7F086250	15.7	2.5	0.2	3.5	5.35	4.5	8	F08	6	●●
★ MG515-17.7F096200	17.7	2	0.2	4	6.6	5.75	9	F09	6	●●
★ MG515-17.7F096250	17.7	2.5	0.2	4	6.65	5.75	9	F09	6	●●
★ MG515-17.7F096300	17.7	3	0.2	4	6.65	5.75	9	F09	6	●●
★ MG515-21.7F126200	21.7	2	0.2	4.5	7.1	6.25	12	F12	6	●●
★ MG515-21.7F126250	21.7	2.5	0.2	4.5	7.1	6.25	12	F12	6	●●
★ MG515-21.7F126300	21.7	4	0.2	4.5	7.1	6.25	12	F12	6	●●
★ MG515-27.7F146400	27.7	4	0.2	6.5	7.3	6.4	14.3	F14	6	●●
★ MG515-27.7F146500	27.7	5	0.2	6.5	7.3	6.3	14.3	F14	6	●●
★ MG515-27.7F146600	27.7	6	0.2	6.5	7.3	6.3	14.3	F14	6	●●
★ MG515-34.7F146250	34.7	2.5	0.2	10	7.1	6.15	14.3	F14	6	●●
★ MG515-34.7F146300	34.7	3	0.2	10	7.1	6.15	14.3	F14	6	●●
★ MG515-36.7F126150	36.7	1.5		12	7.1	6.15	12	F12	6	●●
★ MG515-36.7F126200	36.7	2		12	7.1	6.15	12	F12	6	●●

Ordering example for the grade WMP35X: MG515-11.7F066150 WMP35X

D1

WALTER SELECT

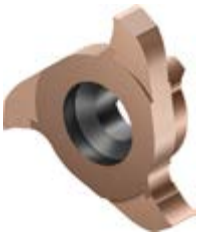
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

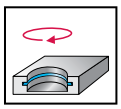
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide circular milling cutters for circlip grooving

MG520 mm



– For circlip grooves in accordance with DIN 472

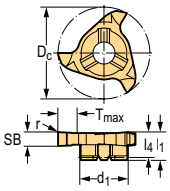


Z=3



	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c mm	SB mm	r mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG520-06.7F053090	6.7	0.94		0.6	3.85	3.35	4.8	F05	3	●
★ MG520-06.7F053100	6.7	1.04		0.6	3.85	3.25	4.8	F05	3	●
★ MG520-06.7F053110	6.7	1.21		0.6	3.85	3.25	4.8	F05	3	●
★ MG520-09.7F063070	9.7	0.74		1.5	3.93	3.25	6	F06	3	●
★ MG520-09.7F063080	9.7	0.84		1.5	3.93	3.35	6	F06	3	●
★ MG520-09.7F063090	9.7	0.94		1.5	3.93	3.35	6	F06	3	●
★ MG520-09.7F063100	9.7	1.04		1.5	3.93	3.25	6	F06	3	●
★ MG520-09.7F063110	9.7	1.21		1.5	4.08	3.5	6	F06	3	●
★ MG520-09.7F063130	9.7	1.41	0.1	1.5	4.08	3.5	6	F06	3	●
★ MG520-09.7F063160	9.7	1.71	0.1	1.5	4.07	3.5	6	F06	3	●
★ MG520-17.7F093070	17.7	0.74		1.5	6.55	5.65	9	F09	3	●
★ MG520-17.7F093080	17.7	0.84		1.7	6.55	5.65	9	F09	3	●
★ MG520-17.7F093090	17.7	0.94		1.9	6.55	5.65	9	F09	3	●
★ MG520-17.7F093110	17.7	1.21		3.5	6.65	4.5	9	F09	3	●
★ MG520-17.7F093130	17.7	1.41	0.1	3.5	6.65	4.5	9	F09	3	●
★ MG520-17.7F093160	17.7	1.71	0.1	3.5	6.65	4.5	9	F09	3	●
★ MG520-21.7F123110	21.7	1.21		2.5	6.6	5.7	12	F12	3	●
★ MG520-21.7F123130	21.7	1.41	0.1	4.5	6.6	5.7	12	F12	3	●
★ MG520-21.7F123160	21.7	1.71	0.1	4.5	6.6	5.6	12	F12	3	●
★ MG520-21.7F123185	21.7	1.96	0.2	4.5	6.6	5.6	12	F12	3	●
★ MG520-21.7F123215	21.7	2.26	0.2	4.5	6.6	5.6	12	F12	3	●
★ MG520-21.7F123265	21.7	2.76	0.2	4.5	6.6	5.7	12	F12	3	●
★ MG520-21.7F123315	21.7	3.26	0.2	4.5	6.6	5.6	12	F12	3	●
★ MG520-21.7F123415	21.7	4.26	0.2	4.5	6.6	5.6	12	F12	3	●
★ MG520-21.7F123515	21.7	5.26	0.2	4.5	6.6	5.7	12	F12	3	●

Ordering example for the grade WMP35X: MG520-06.7F053090 WMP35X

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

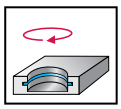
New addition to the product range = ☺ 😐 ☹ / ★

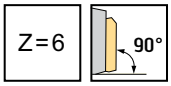
Solid carbide circular milling cutters for circlip grooving

MG520 mm



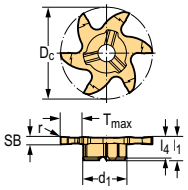
– For circlip grooves in accordance with DIN 472





	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_c mm	SB mm	r mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG520-17.7F096110	17.7	1.21		4	6.6	5.75	9	F09	6	☻
★ MG520-17.7F096130	17.7	1.41		4	6.6	5.75	9	F09	6	☻
★ MG520-17.7F096160	17.7	1.71		4	6.6	5.75	9	F09	6	☻
★ MG520-27.7F146185	27.7	1.96	0.2	6.5	7.25	6.35	14.3	F14	6	☻
★ MG520-27.7F146215	27.7	2.26	0.2	6.5	7.06	6.16	14.3	F14	6	☻

Ordering example for the grade WMP35X: MG520-17.7F096110 WMP35X

D1

WALTER SELECT

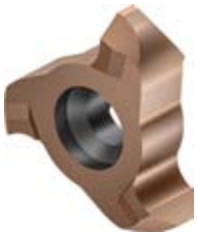
●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

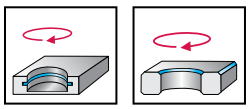
☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide circular milling cutters for chamfer milling

MG545 mm



– Forward and reverse chamfer milling with 45°

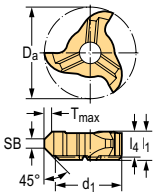


Z=3



	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_a mm	SB mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG545-09.7F063090	9.7	0.9	1	4.18	3.6	6	F06	3	☹
★ MG545-15.7F083140	15.7	1.4	1.4	5.35	4.5	8	F08	3	☹
★ MG545-17.7F093250	17.7	2.5	1.4	6.7	5.85	9	F09	3	☹
★ MG545-21.7F143200	21.7	2	1.7	6.7	5.85	14.3	F14	3	☹

Ordering example for the grade WMP35X: MG545-09.7F063090 WMP35X

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

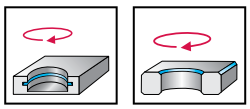
New addition to the product range = ☺ ☹ ☠ / ★

Solid carbide circular milling cutters for chamfer milling

MG545 mm



– Forward and reverse chamfer milling with 45°

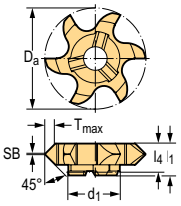


Z=6



	P	M	K	N	S	H	O
WMP35X (TiAlSiNi)	●●	●●	●●	●	●	●●	

Tool



Modular interface

Designation	D_a mm	SB mm	T_{max} mm	l_1 mm	l_4 mm	d_1 mm	d_1 size	Z	WMP35X
★ MG545-09.7F066020	9.7	0.2	1.2	3.99	3.4	6	F06	6	☹
★ MG545-13.7F086020	13.7	0.2	1.8	5.35	4.5	8	F08	6	☹
★ MG545-17.7F096020	17.7	0.2	2.2	6.66	5.8	9	F09	6	☹
★ MG545-21.7F146020	21.7	0.2	2	6.9	6.05	14.3	F14	6	☹

Ordering example for the grade WMP35X: MG545-09.7F066020 WMP35X

D1

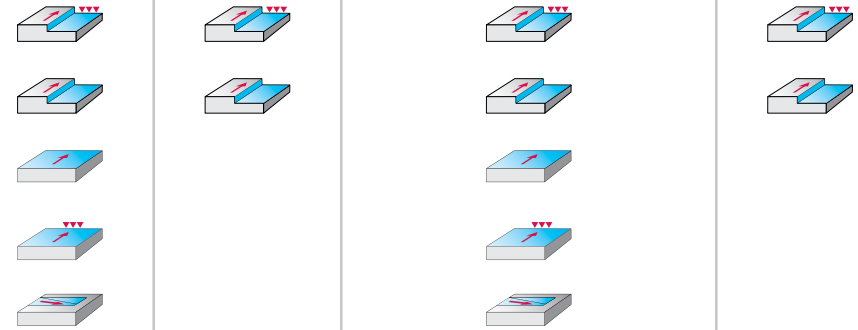
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

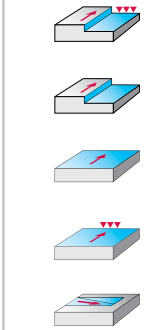




Designation					
Diameter range	40–63	32–40	50–80	40–63	25–40
Number of teeth	6	4–6	6–8	6	4–6
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WP40	WP40	WP40	WKM	WKM
Shank	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor	DIN 1835 B
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalog	D 277	D 276	D 278	D 277	D 276
QR code					
www.walter-tools.com/woc/	F1682	F1678	F1675	F1682	F1678

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters




		NEW	NEW	NEW	NEW
					
Designation		**MP271 F0**	**MP270 F0**	**MP260 F0**	**MP170 F0**
Diameter range	50–80	16–25	4–25	16–20	16–25
Number of teeth	6–8	3	2–3	2–3	3–4
Corner radius		0.4	0.1–3	0.2	0.2
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WKM	WDN20	WDN20	WDN20	WDN20
Shank	Shell mill mount DIN 138 transverse keyway	DIN 6535 HA	DIN 6535 HA	ScrewFit	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron	●●				
N NF metals		●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other		●	●	●	●
Page in catalog	D 278	D 279	D 280	D 281	D 282
QR code					
www.walter-tools.com/woc/	F1675	MP271	MP270	MP260	MP170

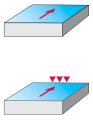
WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters





NEW



NEW



Designation	MP160 F0	MP060 F0
Diameter range	20–40	40.6–125.6
Number of teeth	4	10–22
Corner radius	0.2	—
Diameter range	—	—
Number of teeth		
Corner radius		
Standard		
Coating / grade	WDN20	WDN20
Shank	ScrewFit	Shell mill mount DIN 138 transverse keyway
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other	●	●
Page in catalog	D 283	D 284
QR code		
www.walter-tools.com/woc/	MP160	MP060

D1

WALTER SELECT

●● Primary application ● Other application

PCD-, ceramic-, carbide-tipped milling tools



NEW

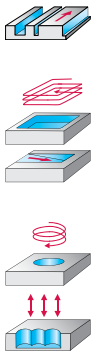


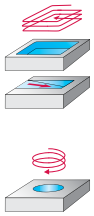
Designation	**MP470 F0**
Diameter range	4–16
Number of teeth	2
Corner radius	2–8
Diameter range	—
Number of teeth	
Corner radius	
Standard	
Coating / grade	WDN20
Shank	DIN 6535 HA
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	●●
S Materials with difficult cutting properties	
H Hard materials	
O Other	●
Page in catalog	D 285
QR code	
www.walter-tools.com/woc/	MP470

WALTER SELECT

●● Primary application ● Other application

PCD-, ceramic-, carbide-tipped milling tools







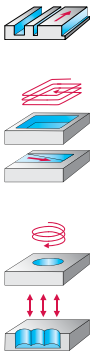


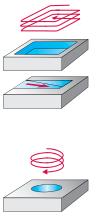
Designation	MC275	MC075	
Diameter range	8–12	8–12	
Number of teeth	4–6	4	
Corner radius	1	1–1.5	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	WIS10	WIS10	
Shank	DIN 6535 HA	DIN 6535 HA	
P Steel			
M Stainless steel			
K Cast iron			
N NF metals			
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other			
Page in catalog	D 286	D 287	
QR code			
www.walter-tools.com/woc/	MC275	MC075	

WALTER SELECT

●● Primary application ● Other application

PCD-, ceramic-, carbide-tipped milling tools









Designation	MC275	MC075	
Diameter range	12–25	16–25	
Number of teeth	4–8	4	
Corner radius	1–1.5	2–3	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	WIS10	WIS10	
Shank	ConeFit	ConeFit	
P Steel			
M Stainless steel			
K Cast iron			
N NF metals			
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other			
Page in catalog	D 288	D 289	
QR code			
www.walter-tools.com/woc/	MC275	MC075	

WALTER SELECT

●● Primary application ● Other application

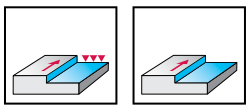
D1

Brazed helical shoulder milling cutters

F1678 mm



– l_{11} - Corner chamfer
– Brazed cutting edges

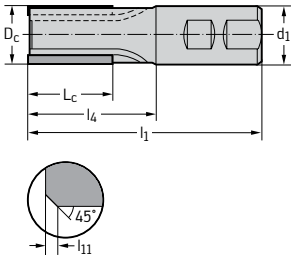


Z= 4–6



	P	M	K	N	S	H	O
WKM			●●				
WP40	●●						

Tool



DIN 1835 B

Designation	$D_{c\ js16}$ mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	kg
F1678.W.025.Z04,50.K	25	0.5	50	68	125	25	4	0.41
F1678.W.032.Z04,50.K	32	0.5	50	69	130	32	4	0.69
F1678.W.032.Z04,50.P	32	0.5	50	69	130	32	4	0.68
F1678.W.040.Z06,63.K	40	0.8	63	84	145	32	6	0.97
F1678.W.040.Z06,63.P	40	0.8	63	84	145	32	6	1.02

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

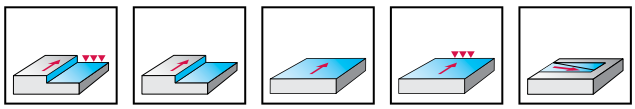
New addition to the product range = ☺ 😐 ☹ / ★

Brazed helical shoulder milling cutters

F1682 mm



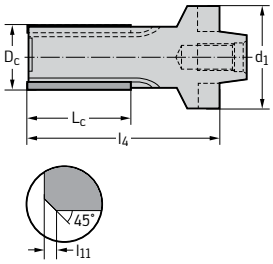
– l_{11} - Corner chamfer
– Brazed cutting edges





	P	M	K	N	S	H	O
WKM			●●				
WP40	●●						

Tool



Modular NCT adaptor

Designation	$D_{c\ js16}$ mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	kg
F1682.N6,040.Z06,63.K	40	0.8	63	120	136	63	6	1.27
F1682.N6,040.Z06,63.P	40	0.8	63	120	136	63	6	1.31
F1682.N8,050.Z06,80.P	50	0.8	80	135	153	80	6	2.32
F1682.N8,063.Z06,100.K	63	0.8	100	150	168	80	6	3.36
F1682.N8,063.Z06,100.P	63	0.8	100	150	168	80	6	3.37

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Brazed helical shoulder milling cutters

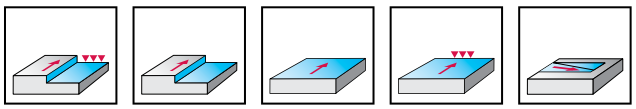
F1675 mm



– l_{11} - Corner chamfer
– Brazed cutting edges

Z= 6–8

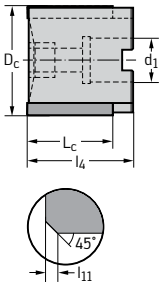
25°



	P	M	K	N	S	H	O
WKM			●●				
WP40	●●						

Tool

Designation	$D_{c\ js16}$ mm	l_{11} mm	L_c mm	l_1 mm	d_1 mm	Z	kg
F1675.B.050.Z06,40.K	50	0.8	40	50	22	6	0.51
F1675.B.050.Z06,40.P	50	0.8	40	50	22	6	0.51
F1675.B.063.Z06,50.K	63	0.8	50	63	27	6	0.96
F1675.B.063.Z06,50.P	63	0.8	50	63	27	6	0.9
F1675.B.080.Z08,50.K	80	1	50	63	32	8	1.67
F1675.B.080.Z08,50.P	80	1	50	63	32	8	1.7



Shell mill mount DIN 138 transverse keyway

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

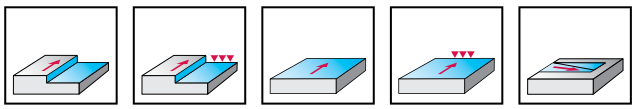
New addition to the product range = ☺ 😐 ☹ / ★

PCD routing cutters

MP271 mm



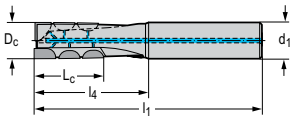
– Corner radius



Z=3

	P	M	K	N	S	H	O
WDN20				●●			●

Tool





DIN 6535 HA

Designation	D_c mm	r mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	kg	WDN20
★ MP271-016A03P	16	0.4	30	100	47.6	16	3	0.25	☹
★ MP271-020A03A	20	0.4	30	100	47.7	20	3	0.43	☹
★ MP271-025A03S	25	0.4	30	100	41.5	25	3	0.68	☹

Ordering example for the grade WDN20: MP271-016A03P WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

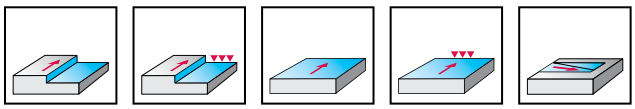
☹ 😐 ☺ / ★ = New addition to the product range

PCD routing cutters

MP270 mm



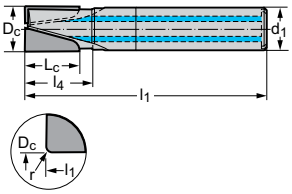
– Corner radius
– Solid carbide shank



Z=2

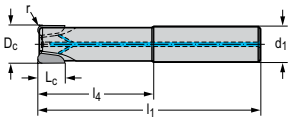
	P	M	K	N	S	H	O
WDN20				●●			●

Tool



DIN 6535 HA

Designation	D_c mm	r mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	kg	WDN20
★ MP270-004A02A	4	0.1	6	52	12	6	2	0.02	☹
★ MP270-005A02B	5	0.1	8	55	15	6	2	0.03	☹
★ MP270-006A02L	6	0.2	8	60	20	6	2	0.02	☹
★ MP270-008A02L	8	0.2	10	70	15	8	2	0.04	☹
★ MP270-010A02L	10	0.2	12	80	17	10	2	0.09	☹
★ MP270-012A02B	12	0.2	16	80	21	12	2	0.12	☹
★ MP270-016A02B	16	0.2	20	90	25	16	2	0.22	☹
★ MP270-016A03B	16	0.2	20	90	25	16	3	0.22	☹
★ MP270-020A03B	20	0.2	20	100	48.5	20	3	0.4	☹



DIN 6535 HA

Designation	D_c mm	r mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	kg	WDN20
★ MP270-012A03B	12	2	8	83	35.5	12	3	0.13	☹
★ MP270-016A03P	16	2	12	100	49.5	16	3	0.28	☹
★ MP270-020A03P	20	3	14	120	67.5	20	3	0.52	☹
★ MP270-025A03L	25	3	18	140	81.5	25	3	0.93	☹

Ordering example for the grade WDN20: MP270-004A02A WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

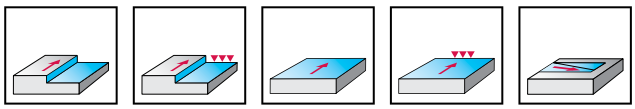
New addition to the product range = ☺ 😐 ☹ / ★

PCD routing cutters

MP260 mm



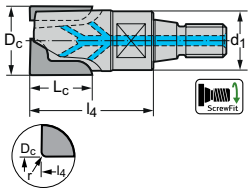
– Corner radius



Z= 2–3

	P	M	K	N	S	H	O
WDN20				●●			●

Tool



ScrewFit

Designation	D_c mm	r mm	L_c mm	l_4 mm	d_1	Z	kg	WDN20
★ MP260-016T02P	16	0.2	15	30	T14	2	0.23	
★ MP260-016T03P	16	0.2	15	30	T14	3	0.03	
★ MP260-020T03P	20	0.2	18	30	T18	3	0.05	

Pre-balanced to G6,3 where n = 16.000 rpm | Ordering example for the grade WDN20: MP260-016T02P WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

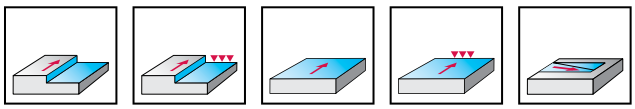
☺ 😐 ☹ / ★ = New addition to the product range

PCD shoulder milling cutters

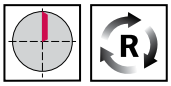
MP170 mm



– Corner radius
– Solid carbide shank

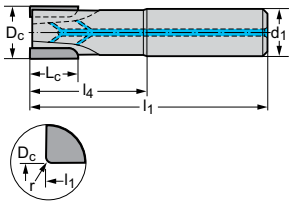


Z= 3–4



	P	M	K	N	S	H	O
WDN20				●●			●

Tool



DIN 6535 HA

Designation	D_c mm	r mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	kg	WDN20
★ MP170-016A03B	16	0.2	20	90	25	16	3	0.22	
★ MP170-020A04B	20	0.2	20	100	48.5	20	4	0.42	
★ MP170-025A04S	25	0.2	20	100	42.5	25	4	0.62	

Ordering example for the grade WDN20: MP170-016A03B WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

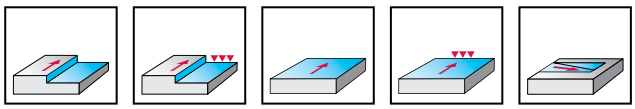
New addition to the product range = ☺ 😐 ☹ / ★

PCD shoulder milling cutters

MP160 mm



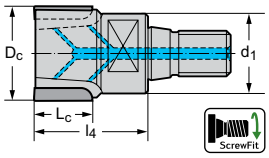
– Corner radius



Z=4

	P	M	K	N	S	H	O
WDN20				●●			●

Tool





ScrewFit

Designation	D_c mm	r mm	L_c mm	l_4 mm	d_1	Z	kg	WDN20
★ MP160-020T04P	20	0.2	18	30	T18	4	0.05	☻
★ MP160-025T04P	25	0.2	20	35	T22	4	0.11	☻
★ MP160-032T04P	32	0.2	20	40	T28	4	0.39	☻
★ MP160-040T04P	40	0.2	20	40	T36	4	0.37	☻

Pre-balanced to G6,3 where n = 16.000 rpm | Ordering example for the grade WDN20: MP160-020T04P WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

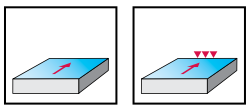
☻ 😐 ☹ / ★ = New addition to the product range

PCD face milling cutters

MP060 mm



– l_{11} - Corner chamfer
– κ = 75° up to L_c = 1.1 mm



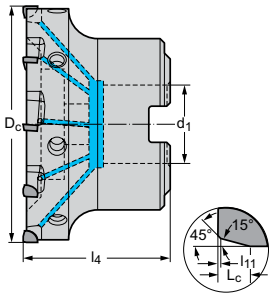
Z= 10–22





	P	M	K	N	S	H	O
WDN20				●●			●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	l_{11} mm	L_c mm	l_4 mm	d_1 mm	Z	kg	WDN20
★ MP060-040B10P	40	0.1	1.1	40	16	10	0.4	
★ MP060-050B12P	50	0.1	1.1	40	22	12	0.6	
★ MP060-063B14P	63	0.1	1.1	40	22	14	0.5	
★ MP060-080B16P	80	0.1	1.1	50	27	16	1	
★ MP060-100B18P	100	0.1	1.1	50	32	18	1.5	
★ MP060-125B22P	125	0.1	1.1	63	40	22	3.2	

Pre-balanced to G6,3 where n = 16.000 rpm | Ordering example for the grade WDN20: MP060-040B10P WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

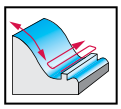
New addition to the product range = / ★

PCD ball-nose copy milling cutters

MP470 mm



– Corner radius

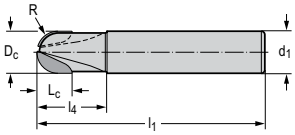


Z=2



	P	M	K	N	S	H	O
WDN20				●●			●

Tool



DIN 6535 HA

Designation	D_c mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WDN20
★ MP470-004A02A	4	2	4	12.6	55	6	2	
★ MP470-006A02A	6	3	6	16.7	55	6	2	
★ MP470-008A02P	8	4	6	27	65	8	2	
★ MP470-010A02S	10	5	8	22.5	65	10	2	
★ MP470-012A02S	12	6	10	18	65	12	2	
★ MP470-016A02S	16	8	14	29.5	80	16	2	

Ordering example for the grade WDN20: MP470-004A02A WDN20

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

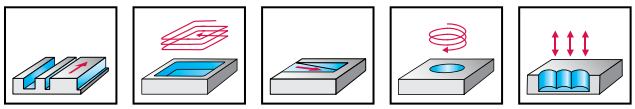
★ = New addition to the product range

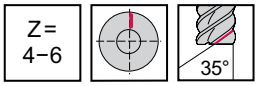
Ceramic shoulder/slot milling cutters

MC275 mm



– Corner radius
– Long reach

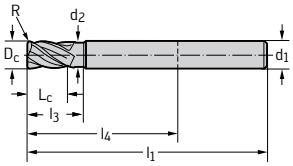




	P	M	K	N	S	H	O
WIS10					●●		

Tool

Designation	D_c h12 mm	R mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WIS10
MC275-08.0A4P100C-	8	1	19	7.6	67	31	8	4	☻
MC275-10.0A4P100C-	10	1	22	9.5	75	35	10	4	☻
MC275-12.0A4P100C-	12	1	26	11.4	82	37	12	4	☻
MC275-12.0A6P100C-	12	1	26	11.4	82	37	12	6	☻



DIN 6535 HA

Shoulder milling $a_e \leq 0.1 \times D_c$ | Slot milling $a_p \leq 0.1 \times D_c$ | Ordering example for the grade WIS10: MC275-08.0A4P100C-WIS10

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

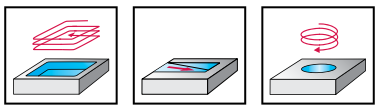
New addition to the product range = ☻ 😐 ☹ / ★

Ceramic high-feed milling cutters

MC075 mm



– Long reach

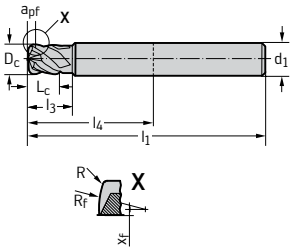




	P	M	K	N	S	H	O
WIS10					●●		

Tool

Designation	D_c h12 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 mm	Z	WIS10
MC075-08.0A4P100C-	8	0.25	0.78	12	1.226	1	7	19	67	31	8	4	☻
MC075-10.0A4P150C-	10	0.3	0.8	15	1.773	1.5	7	22	75	35	10	4	☻
MC075-12.0A4P150C-	12	0.4	1	18	1.875	1.5	7	26	82	37	12	4	☻



DIN 6535 HA

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WIS10: MC075-08.0A4P100C-WIS10

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

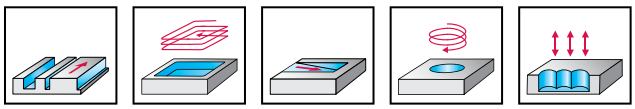
☻ 😐 ☹ / ★ = New addition to the product range

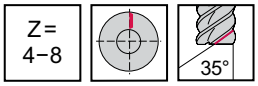
Ceramic shoulder/slot milling cutters

MC275 mm



– Corner radius

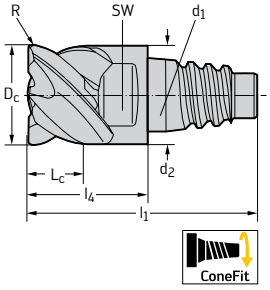




	P	M	K	N	S	H	O
WIS10					●●		

Corner radius

Tool



ConeFit

Designation	D_c h12 mm	R mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WIS10
MC275-12.0E4P100-	12	1	11.7	32.6	18.8	E12	10	4	☻
MC275-12.0E6P100-	12	1	11.7	32.6	18.8	E12	10	6	☻
MC275-16.0E6P150-	16	1.5	15.5	42.7	25.7	E16	12	6	☻
MC275-16.0E8P150-	16	1.5	15.5	42.7	25.7	E16	12	8	☻
MC275-20.0E6P150-	20	1.5	19.3	47.8	28.3	E20	16	6	☻
MC275-20.0E8P150-	20	1.5	19.3	47.8	28.3	E20	16	8	☻
MC275-25.0E6P150-	25	1.5	24.2	56.6	32.6	E25	20	6	☻
MC275-25.0E8P150-	25	1.5	24.2	56.6	32.6	E25	20	8	☻

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WIS10: MC275-12.0E4P100-WIS10

D1

WALTER SELECT

●● Primary application ● Other application

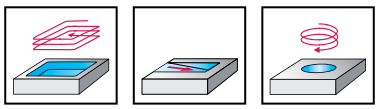
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☻ 😐 ☹ / ★

Ceramic high-feed milling cutters

MC075 mm

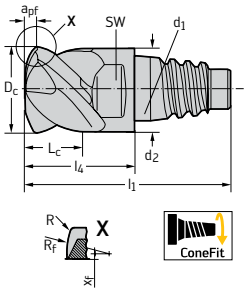






	P	M	K	N	S	H	O
WIS10					●●		

Tool



ConeFit

Designation	D_c h12 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WIS10
MC075-16.0E4P200-	16	0.5	1.5	24	2.465	2	9	42.7	25.7	12	E16	4	☻
MC075-20.0E4P200-	20	0.65	2.2	30	2.607	2	9	47.8	28.3	16	E20	4	☻
MC075-25.0E4P300-	25	0.75	2.8	36	3.687	3	9	56.6	32.6	20	E25	4	☻

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WIS10: MC075-16.0E4P200-WIS10

D1

WALTER SELECT

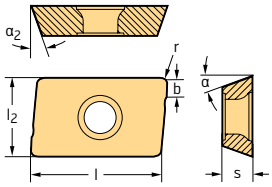
●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range



Positive rhombic
ADGT / ADHT / ADKT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ADGT0803PER-D51	G	2	3.35	9.52	0.4	15°	20°	1.2	☺	😐	😐	☹			☹			😐	☹	☹					☹
	ADGT1204PER-D51	G	2	4.76	13.6	0.8	15°	20°	1.2	☺	😐	😐	☹			☹			😐	☹	☹					☹
	ADGT1606PER-D51	G	2	6.15	17.5	0.8	15°	20°	1.6	☺	😐	😐	☹			☹			😐	☹	☹					☹
	ADGT1807PER-D51	G	2	7.94	19	1.2	15°	17°	1.8		😐									☹						
	ADGT1204PER-D56	G	2	4.76	13.6	0.8	15°	20°	1.2	☺		😐	☹			☹			😐		☹					☹
	ADGT1606PER-D56	G	2	6.15	17.5	0.8	15°	20°	1.6	☺	😐	😐	☹			☹		😐	😐	☹	☹					☹
	ADGT1807PER-D56	G	2	7.94	19	1.2	15°	17°	1.8		😐		☹			☹				☹						☹
	ADGT10T330R-D67	G	2	3.8	11.3	3	15°	15°	0.8				😐			😐										😐
	ADGT10T3PER-D67	G	2	3.8	11.3	0.8	15°	15°	1.2		😐	😐	😐	😐	😐	😐				😐	😐			😐	😐	😐
	ADGT120416R-D67	G	2	4.76	13.6	1.6	15°	20°	1				😐			😐										😐
	ADGT1204PER-D67	G	2	4.76	13.6	0.8	15°	20°	1.2			😐	😐	😐		😐					😐			😐		😐
	ADGT160616R-D67	G	2	6.15	17.5	1.6	15°	20°	1				😐			😐										😐
	ADGT1606PER-D67	G	2	6.15	17.5	0.8	15°	20°	1.6		😐	😐	😐	😐		😐				😐	😐			😐		😐
	ADGT0803PER-F56	G	2	3.35	9.52	0.4	15°	20°	1.2				☹	😐		☹								😐		☹
	ADGT120404R-F56	G	2	4.76	13.6	0.4	15°	20°	1.2				☹			☹										☹
	ADGT120430R-F56	G	2	4.76	13.6	3	15°	20°	0.8				☹			☹										☹
	ADGT120440R-F56	G	2	4.76	13.6	4	15°	20°	0.4				☹			☹										☹
	ADGT1204PER-F56	G	2	4.76	13.6	0.8	15°	20°	1.2				☹	😐		☹								😐		☹
	ADGT160612R-F56	G	2	6.15	17.5	1.2	15°	20°	1.6				☹			☹										☹
	ADGT160616R-F56	G	2	6.15	17.5	1.6	15°	20°	1.4				☹			☹										☹
	ADGT160620R-F56	G	2	6.15	17.5	2	15°	20°	1.4				☹			☹										☹
	ADGT160632R-F56	G	2	6.15	17.5	3.2	15°	20°	1.2				☹			☹										☹
	ADGT160640R-F56	G	2	6.15	17.5	4	15°	20°	1				☹			☹										☹
	ADGT1606PER-F56	G	2	6.15	17.5	0.8	15°	20°	1.6				☹	😐		☹								😐		☹
	ADGT10T3PER-G77	G	2	3.8	11.3	0.8	15°	15°	1.2				😐	😐		😐								😐		😐
	ADGT1204PER-G77	G	2	4.76	13.6	0.8	15°	20°	1.2				😐	😐		😐								😐		😐
	ADGT1606PER-G77	G	2	6.15	17.5	0.8	15°	20°	1.2				😐	😐		😐								😐		😐
	ADHT0803PEL-G88	H	2	3.35	9.52	0.4	15°	20°	1.2												☺					
	ADHT0803PER-G88	H	2	3.35	9.52	0.4	15°	20°	1.2												☺	😐				
	ADHT10T3PER-G88	H	2	3.8	11.3	0.8	15°	15°	1.2												☺	😐				
	ADHT120416L-G88	H	2	4.76	13.6	1.6	15°	20°	1												☺					
	ADHT120416R-G88	H	2	4.76	13.6	1.6	15°	20°	1												☺					
	ADHT120430L-G88	H	2	4.76	13.6	3	15°	20°	0.8												☺					
	ADHT120440R-G88	H	2	4.76	13.6	4	15°	20°	0.4													😐				
	ADHT1204PEL-G88	H	2	4.76	13.6	0.8	15°	20°	1.2												☺					
	ADHT1204PER-G88	H	2	4.76	13.6	0.8	15°	20°	1.2												☺	😐				
	ADHT160616L-G88	H	2	6.15	17.5	1.6	15°	20°	1.4												☺					
	ADHT160616R-G88	H	2	6.15	17.5	1.6	15°	20°	1.4												☺	😐				
	ADHT1606PEL-G88	H	2	6.15	17.5	0.8	15°	20°	1.6												☺					
	ADHT1606PER-G88	H	2	6.15	17.5	0.8	15°	20°	1.6												☺	😐				

Ordering example for the grade WKP25S: ADGT0803PER-D51 WKP25S
Ordering example for the grade WKP35G: ADGT0803PER-D51 WKP35G

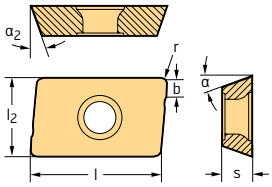
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive rhombic
ADGT / ADHT / ADKT
Tiger·tec® Gold



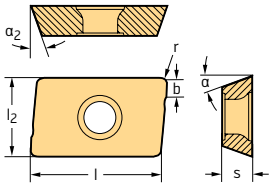
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ADKT0803PEL-F56	K	2	3.35	9.52	0.4	15°	20°	1.2			😐	😟			😟					😟					😟
	ADKT0803PER-F56	K	2	3.35	9.52	0.4	15°	20°	1.2	😊		😐	😟			😟	😊		😐		😟					😟
	ADKT10T3PER-F56	K	2	3.8	11.3	0.8	15°	15°	1.2			😐	😟			😟					😟					😟
	ADKT1204PEL-F56	K	2	4.76	13.6	0.8	15°	20°	1.2			😐	😟			😟					😟					😟
	ADKT1204PER-F56	K	2	4.76	13.6	0.8	15°	20°	1.2	😊		😐	😟			😟	😊		😐		😟					😟
	ADKT1606PEL-F56	K	2	6.15	17.5	0.8	15°	20°	1.6			😐	😟			😟					😟					😟
	ADKT1606PER-F56	K	2	6.15	17.5	0.8	15°	20°	1.6	😊		😐	😟			😟	😊		😐		😟					😟

Ordering example for the grade WKP25S: ADGT0803PER-D51 WKP25S
Ordering example for the grade WKP35G: ADGT0803PER-D51 WKP35G

HC = Coated carbide
HW = Uncoated carbide

Positive rhombic
ADMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADMT080304R-D56	M	2	3.35	9.52	0.4	15°	20°	1.2	😊	😐	😐	😟				😟	😊		😐	😟	😟				😟
	ADMT120408R-D56	M	2	4.76	13.6	0.8	15°	20°	1.2	😊	😐	😐	😟				😟	😊	😐	😐	😟	😟				😟
	ADMT160608R-D56	M	2	6.15	17.5	0.8	15°	20°	1.6	😊	😐	😐	😟				😟	😊	😐	😐	😟	😟				😟
	ADMT180712R-D56	M	2	7.04	19	1.2	15°	17°	1.8	😊	😐	😐	😟				😟		😐	😐	😟	😟				😟

Ordering example for the grade WAK15: ADMT080304R-D56 WAK15
Ordering example for the grade WKP25S: ADMT080304R-D56 WKP25S
Ordering example for the grade WKP35G: ADMT080304R-D56 WKP35G

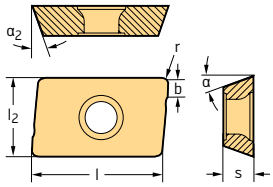
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😟 machining conditions

New addition to the product range = 😊 😐 😟 / ★

Positive rhombic
ADMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADMT080302R-F56	M	2	3.35	9.52	0.2	15°	20°	1.2		☻	☻	☻	☻	☻		☻				☻	☻	☻	☻		☻
	ADMT080304L-F56	M	2	3.35	9.52	0.4	15°	20°	1.2		☻	☻	☻				☻				☻	☻				☻
	ADMT080304R-F56	M	2	3.35	9.52	0.4	15°	20°	1.2	☺	☻	☻	☻	☻			☻	☺		☻	☻	☻	☻			☻
	ADMT080308L-F56	M	2	3.35	9.52	0.8	15°	20°	1.2			☻	☻				☻					☻				☻
	ADMT080308R-F56	M	2	3.35	9.52	0.8	15°	20°	1.2		☻	☻	☻	☻	☻		☻				☻	☻	☻	☻		☻
	ADMT080312R-F56	M	2	3.35	9.52	1.2	15°	20°	1			☻	☻	☻			☻					☻	☻			☻
	ADMT080316R-F56	M	2	3.35	9.52	1.6	15°	20°	1			☻	☻	☻	☻		☻					☻	☻	☻		☻
	ADMT080320R-F56	M	2	3.35	9.52	2	15°	20°	1			☻	☻	☻			☻					☻	☻			☻
	ADMT10T304R-F56	M	2	3.8	11.3	0.4	15°	15°	1.2		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT10T308R-F56	M	2	3.8	11.3	0.8	15°	15°	1.2	☺	☻	☻	☻	☻	☻	☻	☻		☻	☻	☻	☻	☻	☻	☻	☻
	ADMT10T312R-F56	M	2	3.8	11.3	1.2	15°	15°	1.2		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT10T316R-F56	M	2	3.8	11.3	1.6	15°	15°	1.2		☻	☻	☻	☻		☻	☻				☻	☻	☻		☻	☻
	ADMT10T320R-F56	M	2	3.8	11.3	2	15°	15°	1		☻	☻	☻	☻	☻	☻	☻				☻	☻	☻	☻	☻	☻
	ADMT10T325R-F56	M	2	3.8	11.3	2.5	15°	15°	1		☻		☻	☻	☻		☻				☻		☻	☻		☻
	ADMT10T330R-F56	M	2	3.8	11.3	3	15°	15°	0.8		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT10T332R-F56	M	2	3.8	11.3	3.2	15°	15°	0.8				☻	☻		☻	☻						☻		☻	☻
	ADMT120404R-F56	M	2	4.76	13.6	0.4	15°	20°	1.2		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT120408L-F56	M	2	4.76	13.6	0.8	15°	20°	1.2		☻	☻	☻				☻				☻	☻				☻
	ADMT120408R-F56	M	2	4.76	13.6	0.8	15°	20°	1.2	☺	☻	☻	☻	☻		☻	☻	☺	☻	☻	☻	☻		☻	☻
	ADMT120412R-F56	M	2	4.76	13.6	1.2	15°	20°	1.2		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT120416L-F56	M	2	4.76	13.6	1.6	15°	20°	1		☻	☻	☻				☻				☻	☻				☻
	ADMT120416R-F56	M	2	4.76	13.6	1.6	15°	20°	1		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT120420R-F56	M	2	4.76	13.6	2	15°	20°	1		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT120425L-F56	M	2	4.76	13.6	2.5	15°	20°	0.8			☻	☻				☻					☻				☻
	ADMT120425R-F56	M	2	4.76	13.6	2.5	15°	20°	0.8		☻	☻	☻				☻				☻	☻				☻
	ADMT120430L-F56	M	2	4.76	13.6	3	15°	20°	0.8			☻	☻				☻					☻				☻
	ADMT120430R-F56	M	2	4.76	13.6	3	15°	20°	0.8		☻	☻	☻	☻		☻	☻				☻	☻	☻		☻	☻
	ADMT120432R-F56	M	2	4.76	13.6	3.2	15°	20°	0.8		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT120440L-F56	M	2	4.76	13.6	4	15°	20°	0.4		☻		☻				☻				☻					☻
	ADMT120440R-F56	M	2	4.76	13.6	4	15°	20°	0.4		☻	☻	☻	☻		☻	☻				☻	☻	☻		☻	☻
	ADMT160608L-F56	M	2	6.15	17.5	0.8	15°	20°	1.6		☻	☻	☻				☻				☻	☻				☻
	ADMT160608R-F56	M	2	6.15	17.5	0.8	15°	20°	1.6	☺	☻	☻	☻	☻		☻	☻	☺	☻	☻	☻	☻		☻	☻
	ADMT160612R-F56	M	2	6.15	17.5	1.2	15°	20°	1.6		☻	☻	☻	☻		☻	☻				☻	☻	☻		☻	☻
	ADMT160616L-F56	M	2	6.15	17.5	1.6	15°	20°	1.4		☻	☻	☻				☻				☻	☻				☻
	ADMT160616R-F56	M	2	6.15	17.5	1.6	15°	20°	1.4		☻	☻	☻	☻		☻	☻				☻	☻	☻		☻	☻
	ADMT160620R-F56	M	2	6.15	17.5	2	15°	20°	1.4		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT160625L-F56	M	2	6.15	17.5	2.5	15°	20°	1.2		☻		☻				☻				☻					☻
	ADMT160625R-F56	M	2	6.15	17.5	2.5	15°	20°	1.2		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT160630L-F56	M	2	6.15	17.5	3	15°	20°	1.2		☻	☻	☻				☻				☻	☻				☻
	ADMT160630R-F56	M	2	6.15	17.5	3	15°	20°	1.2		☻	☻	☻	☻		☻	☻				☻	☻	☻		☻	☻
	ADMT160632R-F56	M	2	6.15	17.5	3.2	15°	20°	1.2		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT160640L-F56	M	2	6.15	17.5	4	15°	20°	1		☻	☻	☻				☻				☻	☻				☻
	ADMT160640R-F56	M	2	6.15	17.5	4	15°	20°	1		☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT160650R-F56	M	2	6.15	17.5	5	15°	20°			☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT160660R-F56	M	2	6.15	17.5	6	15°	20°			☻	☻	☻	☻			☻				☻	☻	☻			☻
	ADMT180712R-F56	M	2	7.04	19	1.2	15°	17°	1.8	☺	☻	☻	☻				☻		☻	☻	☻	☻				☻

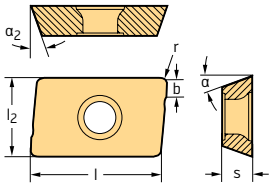
Ordering example for the grade WAK15: ADMT080304R-D56 WAK15
Ordering example for the grade WKP25S: ADMT080304R-D56 WKP25S
Ordering example for the grade WKP35G: ADMT080304R-D56 WKP35G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive rhombic
ADMT
Tiger·tec® Gold



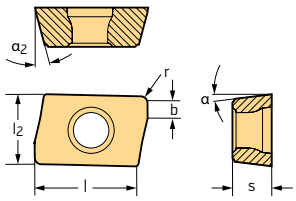
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADMT080304R-G56	M	2	3.35	9.52	0.4	15°	20°	1.2			☺	😐				😐					😐				😐
	ADMT10T308R-G56	M	2	3.8	11.3	0.8	15°	15°	1.2		☺		😐	😐			😐				😐		😐				😐
	ADMT120408R-G56	M	2	4.76	13.6	0.8	15°	20°	1.2		☺	☺	😐	😐			😐				😐	😐	😐				😐
	ADMT160608R-G56	M	2	6.15	17.5	0.8	15°	20°	1.6		☺	☺	😐	😐			😐				😐	😐	😐				😐

Ordering example for the grade WAK15: ADMT080304R-D56 WAK15
Ordering example for the grade WKP25S: ADMT080304R-D56 WKP25S
Ordering example for the grade WKP35G: ADMT080304R-D56 WKP35G

HC = Coated carbide

Positive rhombic
ACGT / ACMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l2 mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	ACGT060204R-G65	G	2	2.38	6.7	4.4	0.4	7°	15°	0.9				😐	😐	😐								😐	😐
	ACGT060204R-M85	G	2	2.38	6.7	4.4	0.4	7°	15°	0.9												☺	😐		
	ACMT060202R-G55	M	2	2.38	6.7	4.4	0.2	7°	15°	1		😐		😐		😐				😐					😐
	ACMT060204R-G55	M	2	2.38	6.7	4.4	0.4	7°	15°	0.9	☺	😐	☺	😐	😐	😐	☺	😐	😐	😐	😐			😐	😐
	ACMT060208R-G55	M	2	2.38	6.7	4.4	0.8	7°	15°	0.8		😐	☺	😐		😐				😐	😐				😐
	ACMT060212R-G55	M	2	2.38	6.7	4.4	1.2	7°	15°	0.6		😐		😐		😐				😐					😐
	ACMT060216R-G55	M	2	2.38	6.7	4.4	1.6	7°	15°	0.1		😐		😐		😐				😐					😐
	ACMT060204R-K55	M	2	2.38	6.7	4.4	0.4	7°	15°	0.9		☺		😐	☺	😐				😐				☺	😐

Ordering example for the grade WSM35G: ACGT060204R-G65 WSM35G

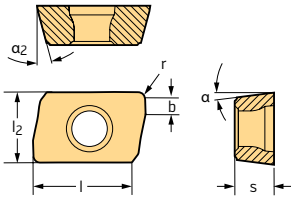
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive rhombic
BCGT / BCHT / BCMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	s mm	l mm	r mm	α	α_2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	N DP WDN20	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT090304R-G55	G	2	6.3	3.21	10.3	0.4	7°	15°	1.2		☺	☺	☹	☺		☹				☺	☺				☺		☹
	BCGT120408R-G55	G	2	7.3	4.8	13.8	0.8	7°	15°	1.3		☺	☺	☹	☺		☹				☺	☺				☺		☹
	BCGT160508R-G55	G	2	9.9	5.75	17.3	0.8	7°	15°	2		☺	☺	☹	☺		☹	☺			☺	☺				☺		☹
	BCGT090304R-K85	G	2	6.3	3.21	10.3	0.4	7°	15°	1.2												☺	☺	☺					
	BCHT120404R-K85	H	2	7.3	4.8	13.8	0.4	7°	15°	1.7												☺	☺	☺					
	BCHT120408R-K85	H	2	7.3	4.8	13.8	0.8	7°	15°	1.3												☺	☺	☺					
	BCHT120412R-K85	H	2	7.3	4.8	13.8	1.2	7°	15°	1.2												☺	☺	☺					
	BCHT120416R-K85	H	2	7.3	4.8	13.8	1.6	7°	15°	1.1												☺	☺	☺					
	BCHT120420R-K85	H	2	7.3	4.8	13.8	2	7°	15°	1.2												☺	☺	☺					
	BCHT120425R-K85	H	2	7.3	4.8	13.8	2.5	7°	15°	1												☺	☺	☺					
	BCHT120430R-K85	H	2	7.3	4.8	13.8	3	7°	15°	0.7												☺	☺	☺					
	BCHT120440R-K85	H	2	7.3	4.8	13.8	4	7°	15°	0.4												☺	☺	☺					
	BCHT160508R-K85	H	2	9.9	5.75	17.3	0.8	7°	15°	2												☺	☺	☺					
	BCHT160512R-K85	H	2	9.9	5.75	17.3	1.2	7°	15°	1.7												☺	☺	☺					
	BCHT160516R-K85	H	2	9.9	5.75	17.3	1.6	7°	15°	1.7												☺	☺	☺					
	BCHT160520R-K85	H	2	9.9	5.75	17.3	2	7°	15°	1.5												☺	☺	☺					
	BCHT160525R-K85	H	2	9.9	5.75	17.3	2.5	7°	15°	1.4												☺	☺	☺					
	BCHT160530R-K85	H	2	9.9	5.75	17.3	3	7°	15°	1.2												☺	☺	☺					
	BCHT160540R-K85	H	2	9.9	5.75	17.3	4	7°	15°	1.1												☺	☺	☺					
	BCMT090304R-F55	M	2	6.3	3.21	10.3	0.4	7°	15°	1.2	☺	☺	☺	☹		☹	☹	☺	☺	☺	☺	☺					☹	☹
	BCMT120408R-F55	M	2	7.3	4.8	13.8	0.8	7°	15°	1.3	☺	☺	☺	☹			☹	☺	☺	☺	☺	☺						☹
	BCMT160508R-F55	M	2	9.9	5.75	17.3	0.8	7°	15°	2	☺	☺	☺	☹		☹	☹	☺	☺	☺	☺	☺					☹	☹

Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

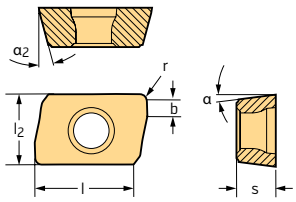
HC = Coated carbide
HW = Uncoated carbide
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive rhombic
BCGT / BCHT / BCMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	s mm	l mm	r mm	α	α_2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	N DP WDN20	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCMT090302R-G55	M	2	6.3	3.21	10.3	0.2	7°	15°	1.4		☺	☺	☹			☹				☺	☺						☹
	BCMT090304R-G55	M	2	6.3	3.21	10.3	0.4	7°	15°	1.2	☺	☺	☺	☹	☺	☺	☹	☺	☺	☺	☺	☺				☺	☹	☹
	BCMT090308R-G55	M	2	6.3	3.21	10.3	0.8	7°	15°	0.8		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT090312R-G55	M	2	6.3	3.21	10.3	1.2	7°	15°	0.4		☺	☺	☹			☹				☺	☺						☹
	BCMT090316R-G55	M	2	6.3	3.21	10.3	1.6	7°	15°	0.4		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT090320R-G55	M	2	6.3	3.21	10.3	2	7°	15°	0.4		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT120404R-G55	M	2	7.3	4.8	13.8	0.4	7°	15°	1.3		☺	☺	☹			☹				☺	☺						☹
	BCMT120408R-G55	M	2	7.3	4.8	13.8	0.8	7°	15°	1.3	☺	☺	☺	☹	☺	☹	☹		☺	☺	☺	☺				☺	☹	☹
	BCMT120412R-G55	M	2	7.3	4.8	13.8	1.2	7°	15°	1.2		☺	☺	☹			☹				☺	☺						☹
	BCMT120416R-G55	M	2	7.3	4.8	13.8	1.6	7°	15°	1.1		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT120420R-G55	M	2	7.3	4.8	13.8	2	7°	15°	1.2		☺	☺	☹			☹				☺	☺						☹
	BCMT120425R-G55	M	2	7.3	4.8	13.8	2.5	7°	15°	1		☺	☺	☹			☹				☺	☺						☹
	BCMT120430R-G55	M	2	7.3	4.8	13.8	3	7°	15°	0.7		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT120432R-G55	M	2	7.3	4.8	13.8	3.2	7°	15°	0.5		☺	☺	☹			☹				☺	☺						☹
	BCMT120440R-G55	M	2	7.3	4.8	13.8	4	7°	15°	0.4		☺	☺	☹			☹				☺	☺						☹
	BCMT160508R-G55	M	2	9.9	5.75	17.3	0.8	7°	15°	2	☺	☺	☺	☹	☺		☹	☺	☺	☺	☺	☺				☺		☹
	BCMT160512R-G55	M	2	9.9	5.75	17.3	1.2	7°	15°	1.7		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT160516R-G55	M	2	9.9	5.75	17.3	1.6	7°	15°	1.5		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT160520R-G55	M	2	9.9	5.75	17.3	2	7°	15°	1.5		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT160525R-G55	M	2	9.9	5.75	17.3	2.5	7°	15°	1.4		☺	☺	☹			☹				☺	☺						☹
	BCMT160530R-G55	M	2	9.9	5.75	17.3	3	7°	15°	1.2		☺	☺	☹			☹				☺	☺						☹
	BCMT160532R-G55	M	2	9.9	5.75	17.3	3.2	7°	15°	1.1		☺	☺	☹			☹				☺	☺						☹
	BCMT160540R-G55	M	2	9.9	5.75	17.3	4	7°	15°	1.1		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT160550R-G55	M	2	9.9	5.75	17.3	5	7°	15°	0.7		☺	☺	☹			☹				☺	☺						☹
	BCMT160560R-G55	M	2	9.9	5.75	17.3	6	7°	15°	0.1		☺	☺	☹		☹	☹				☺	☺					☹	☹
	BCMT090304R-K55	M	2	6.3	3.21	10.3	0.4	7°	15°	1.2		☺	☺	☺	☺		☺				☺	☺				☺		☺
	BCMT120408R-K55	M	2	7.3	4.8	13.8	0.8	7°	15°	1.3		☺	☺	☺	☺		☺				☺	☺				☺		☺
	BCMT160508R-K55	M	2	9.9	5.75	17.3	0.8	7°	15°	2		☺	☺	☺	☺		☺				☺	☺				☺		☺
	BCGT090304R-B85	G	1	6.3	3.21	10.3	0.4	7°	15°	1.3															☺			
	BCGT120408R-B85	G	1	7.3	4.8	13.8	0.8	7°	15°	1.5															☺			
	BCGT160508R-G51	G	2	9.9	5.75	17.3	0.8	7°	15°	2		☺	☺	☹			☹				☺	☺						☹
	BCMT160508R-G55W	M	2	9.9	5.75	17.3	0.8	7°	15°	2				☹		☹	☹										☹	☹
	BCMT160516R-G55W	M	2	9.9	5.75	17.3	1.6	7°	15°	1.5				☹		☹	☹										☹	☹
	BCMT160530R-G55W	M	2	9.9	5.75	17.3	3	7°	15°	1.2				☹		☹	☹										☹	☹

Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

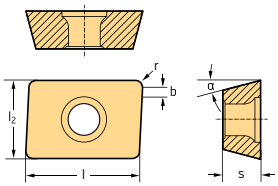
HC = Coated carbide
HW = Uncoated carbide
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive rhombic
LDMW / LDMT
Tiger·tec® Gold



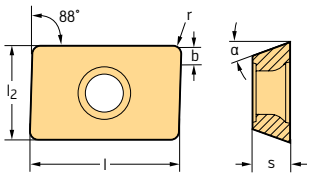
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC				M HC		K HC				S HC	
										WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	LDMW08T204R-A57	M	2	2.58	8.88	6.1	0.4	15°	0.8	☺	😐						☹	☹			
	LDMW14T308R-A57	M	2	4.08	14.1	9.68	0.8	15°	1.2		☹							☹			
	LDMW170408R-A57	M	2	4.92	17.24	11.78	0.8	15°	1.6		☹							☹			
	LDMT08T204R-D51	M	2	2.58	8.88	6.1	0.4	15°	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D51	M	2	4.08	14.1	9.68	0.8	15°	1.2	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT170408R-D51	M	2	4.92	17.24	11.78	0.8	15°	1.6		😐	😐	☹		☹			☹	☹		☹
	LDMT170412R-D51	M	2	4.92	17.24	11.78	1.2	15°	1.6		😐		☹		☹			☹			☹
	LDMT08T204R-D57	M	2	2.58	8.88	6.1	0.4	15°	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D57	M	2	4.08	14.1	9.68	0.8	15°	1.2	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	LDMT170408R-D57	M	2	4.92	17.24	11.78	0.8	15°	1.6	☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	LDMT08T204R-F57	M	2	2.58	8.88	6.1	0.4	15°	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-F57	M	2	4.08	14.1	9.68	0.8	15°	1.2	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMT170408R-F57	M	2	4.92	17.24	11.78	0.8	15°	1.6	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹

Ordering example for the grade WKP25S: LDMW08T204R-A57 WKP25S
Ordering example for the grade WKP35G: LDMW08T204R-A57 WKP35G

HC = Coated carbide

Positive rhombic
LPGT / LPHW / LPMW / LPMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC			M HC	K HC		S HC
										WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WSP45G
	LPGT070304R-F55	G	2	3.18	7.94	6.35	0.4	11°	1.2		😐				😐	
	LPGT15T308R-F55	G	2	3.97	15	9.52	0.8	11°	1.4		😐	☹	☹		😐	☹
	LPGT150412R-F55	G	2	4.76	15.88	12.7	1.2	11°	1.6		😐				😐	
	LPHW150612R-A51															
	LPMW150412TR-A27	M	2	4.76	15.88	12.7	1.2	11°		😐	☹			😐	☹	
	LPMT070304R-D51	M	2	3.18	7.94	6.35	0.4	11°	1.2	☺	😐			😐	☹	
	LPMT15T308R-D51	M	2	3.97	15	9.52	0.8	11°	1.4	☺	😐	☹	☹	😐	☹	☹
	LPMT150412R-D51	M	2	4.76	15.88	12.7	1.2	11°	1.6	☺	😐	☹	☹	😐	☹	☹
	LPMT150612R-D51	M	2	6.35	15.88	12.7	1.2	11°			😐	☹	☹		☹	☹

Ordering example for the grade WKP35S: LPGT070304R-F55 WKP35S
Ordering example for the grade WKP35S: LPGT150412R-F55 WKP35S
Ordering example for the grade WKP35S: LPGT15T308R-F55 WKP35S
Ordering example for the grade WSP45G: LPGT15T308R-F55 WSP45G

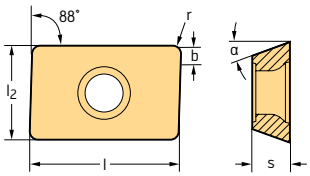
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive rhombic
LPGT / LPHW / LPMW / LPMT
Tiger·tec® Gold



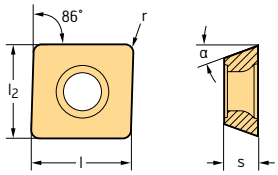
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	S HC WSP45G
	LPMT150612R-D57	M	2	6.35	15.88	12.7	1.2	11°		☺	😐			😐	☹	

Ordering example for the grade WKP35S: LPGT070304R-F55 WKP35S
Ordering example for the grade WKP35S: LPGT150412R-F55 WKP35S
Ordering example for the grade WKP35S: LPGT15T308R-F55 WKP35S
Ordering example for the grade WSP45G: LPGT15T308R-F55 WSP45G

HC = Coated carbide

Positive rhombic
MPHX / MPHW / MPHT / MPMX / MPMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSM35G	S HC WSP45G
	MPHX060304-A57	H	2	3.18	6.35	6.35	0.4	11°	😐		☹				😐		☹			
	MPHX080305-A57	H	2	3.18	8.3	8.3	0.5	11°	😐		☹				😐		☹			
	MPHW120408-A57	H	2	4.76	12.7	12.7	0.8	11°	😐		☹				😐		☹			
	MPHX060304-G88	H	2	3.18	6.35	6.35	0.4	11°										☺		
	MPHX080305-G88	H	2	3.18	8.3	8.3	0.5	11°										☺		
	MPHT120408-G88	H	2	4.76	12.7	12.7	0.8	11°										☺		
	MPMX060304-F57	M	2	3.18	6.35	6.35	0.4	11°		😐	😐	☹	😐	☹		☹	☹		😐	☹
	MPMX080305-F57	M	2	3.18	8.3	8.3	0.5	11°		😐	😐	☹	😐	☹		☹	☹		😐	☹
	MPMT120408-F57	M	2	4.76	12.7	12.7	0.8	11°		😐	😐	☹	😐	☹		☹	☹		😐	☹

Ordering example for the grade WKP25S: MPHX060304-A57 WKP25S

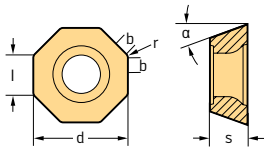
HC = Coated carbide

D 2

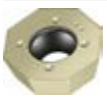
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive octagonal
ODHW / ODHT / ODMT / ODMW
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K CN WSN10	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ODHW050412-A57	H	8	4.76	12.7	5.26	1.2	15°														☺					
	ODHW060516-A57	H	8	5.56	15.88	6.58	1.6	15°														☺					
	ODHT050408-F57	H	8	4.76	12.7	5.26	0.8	15°			😐	😐	😣			😣				😣	😣						😣
	ODHT060512-F57	H	8	5.56	15.88	6.58	1.2	15°			😐	😐	😣			😣				😣	😣						😣
	ODHW0504ZZN-A57	H	8	4.76	12.7	5.26	0.8	15°	1.2	😐	😣	😣					☺		😐	😣	😣							
	ODHW0605ZZN-A57	H	8	5.56	15.88	6.58	0.8	15°	1.6	😐	😣	😣					☺		😐	😣	😣							
	ODHT0504ZZN-F57	H	8	4.76	12.7	5.26	0.8	15°	1.2	☺	😐	😐	😣	😐		😣			😐	😣	😣				😐		😣
	ODHT0605ZZN-F57	H	8	5.56	15.88	6.58	0.8	15°	1.6	☺	😐	😐	😣	😐		😣			😐	😣	😣				😐		😣
	ODHT0504ZZN-G77	H	8	4.76	12.7	5.26	0.8	15°	1.6				😐			😐											😐
	ODHT0605ZZN-G77	H	8	5.56	15.88	6.58	0.8	15°	1.6				😐			😐											😐
	ODHT0504ZZN-G88	H	8	4.76	12.7	5.26	0.8	15°	1.2													☺	😐				
	ODHT0605ZZN-G88	H	8	5.56	15.88	6.58	0.8	15°	1.6													☺	😐				
	ODMT0504ZZN-F57	M	8	4.76	12.7	5.26	0.8	15°	1.2		😐	😐	😣	😐		😣				😣	😣				😐		😣
	ODMT0605ZZN-F57	M	8	5.56	15.88	6.58	0.8	15°	1.6	☺	😐	😐	😣	😐		😣			😐	😣	😣				😐		😣
	ODMT050408-D57	M	8	4.76	12.7	5.26	0.8	15°			😐	😐	😣	😐		😣		😐		😣	😣				😐		😣
	ODMT060512-D57	M	8	5.56	15.88	6.58	1.2	15°			😐	😐	😣	😐		😣		😐		😣	😣				😐		😣
	ODMT0504ZZN-D57	M	8	4.76	12.7	5.26	0.8	15°	1.2	☺	😐	😐	😣	😐	😣	😣		😐	😐	😣	😣				😐	😣	😣
	ODMT0605ZZN-D57	M	8	5.56	15.88	6.58	0.8	15°	1.6	☺	😐	😐	😣	😐	😣	😣		😐	😐	😣	😣				😐	😣	😣
	ODMW050408T-A27	M	8	4.76	12.7	5.26	0.8	15°		😐	😣	😣						😐	😐	😣	😣						
	ODMW060508T-A27	M	8	5.56	15.88	6.58	0.8	15°		😐	😣	😣						😐	😐	😣	😣						
	ODMW050408-A57	M	8	4.76	12.7	5.26	0.8	15°		😐		😣					☺	😐	😐		😣						
	ODMW060508-A57	M	8	5.56	15.88	6.58	0.8	15°		😐	😣	😣					☺	😐	😐	😣	😣						

Ordering example for the grade WSN10: ODHW050412-A57 WSN10

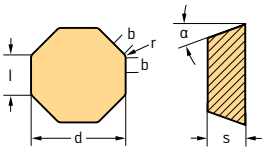
HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = 😣 machining conditions

☺ 😐 😣 / ★ = New addition to the product range

Positive octagonal
OPHN
Tiger·tec® Silver



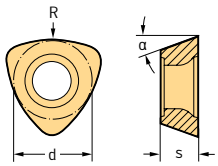
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P HC WKP25S	K HC WAK15	K HC WKP25S	K BH WCB80	K CN WSN10	H BH WCB80
	OPHN0504ZZN-A27	H	2	4.76	12.7	12.7	0.4	11°	1.2				☺		☹
	OPHN050412-A57	H	8	4.76	12.7	12.7	1.2	11°						☺	
	OPHN0504ZZN-A57	H	8	4.76	12.7	12.7	0.4	11°	1.2	😐	☺	😐		☺	

Ordering example for the grade WCB80: OPHN0504ZZN-A27 WCB80

HC = Coated carbide
BH = CBN with high CBN content
CN = Silicon nitride Si_3N_4

Positive triangular
P26315 / P26325
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	R mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	S HC WSP45G
	P26315R10	M	3	2.78	6.75	14°	10	☺	😐	☹	☹	😐	☹	☹
	P26315R12	M	3	3.18	8.5	14°	12.5	☺	😐	☹	☹	😐	☹	☹
	P26315R15	M	3	3.97	10.5	14°	15	☺	😐	☹	☹	😐	☹	☹
	P26315R16	M	3	3.97	10.5	14°	16	☺	😐	☹	☹	😐	☹	☹
	P26315R20	M	3	4.76	12.7	11°	20	☺	😐	☹	☹	😐	☹	☹
	P26315R25	M	3	4.76	12.7	11°	25	☺	😐	☹	☹	😐	☹	☹
	P26315R31	M	3	4.76	12.7	11°	31.5	☺	😐	☹	☹	😐	☹	☹
	P26315R19,05	M	3	4.76	12.7	11°	19.1		😐				☹	
	P26325R31	M	3	4.76	12.7	11°	31.5	☺	😐	☹	☹	😐	☹	☹

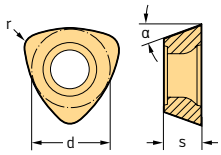
Ordering example for the grade WKP25S: P26315R10 WKP25S
Ordering example for the grade WKP35S: P26315R10 WKP35S
Ordering example for the grade WSP45G: P26315R10 WSP45G

HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive triangular
P26335 / P26337 / P26339
Tiger·tec® Gold



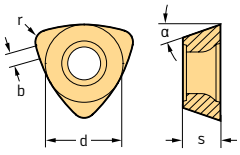
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	P26335R10	M	3	3.18	6.75	0.8	14°		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26335R14	M	3	3.97	9.52	1.2	14°	😐	☹	☹	☹	☹	☹	😐	☹	☹	☹	☹
	P26335R25	M	3	5.56	13	2	14°	😐	☹	☹	☹	☹	☹	😐	☹	☹	☹	☹
	P26337R10	M	3	3.18	6.75	0.8	14°		☹	☹	☹		☹		☹	☹		☹
	P26337R14	M	3	3.97	9.52	1.2	14°		☹	☹	☹		☹		☹	☹		☹
	P26337R25	M	3	5.56	13	2	14°	😐	☹	☹	☹		☹	😐	☹	☹		☹
	P26339R10	M	3	3.18	6.75	0.8	14°		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26339R14	M	3	3.97	9.52	1.2	14°		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26339R25	M	3	5.56	13	2	14°		☹	☹	☹	☹	☹		☹	☹	☹	☹

Ordering example for the grade WKP35G: P26335R10 WKP35G

HC = Coated carbide

Positive triangular
P26379
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSP45G
	P26379-R10	M	3	3.18	6.75	0.8	14°	0.9			☹	☹			☹
	P26379-R14	M	3	3.97	9.52	1.2	14°	1	☹	☹	☹	☹	☹	☹	☹
	P26379-R25	M	3	5.56	13	2	14°	1.1	☹	☹	☹	☹	☹	☹	☹

Ordering example for the grade WSP45G: P26379-R10 WSP45G

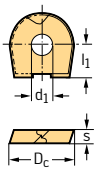
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

☹ 😐 😊 / ★ = New addition to the product range

Profile milling cutter inserts
P3204 / P3201
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	$D_c^{-0.03}$ mm	s mm	l_1 mm	d_1 mm	P HC				M HC			K HC			S HC				H HC
								WHH15X	WKP25	WKP35	WSP46G	WSM36	WSM36G	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSM36G	WSP46G	WHH15X
	P3204-D08	H	2	8	2	4	3				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D10	H	2	10	2.5	5	4				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D12	H	2	12	2.5	6	5				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D16	H	2	16	3	6	5				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D20	H	2	20	3	6	5				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D25	H	2	25	4	9	6				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D30	H	2	30	5	10	8				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D32	H	2	32	5	10	8				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D07,94	H	2	7.940	2	4	3				☹			☹	☺					☹	☺
	P3204-D09,52	H	2	9.530	2.5	5	4				☹		😟	☹	☺				😟	☹	☺
	P3204-D12,7	H	2	12.700	2.5	6	5				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D15,87	H	2	15.880	3	6	5				☹		😟	☹	☺				😟	☹	☺
	P3204-D19,05	H	2	19.050	3	6	5				☹	😐	😟	☹	☺			😐	😟	☹	☺
	P3204-D25,4	H	2	25.400	4	9	6				☹		😟	☹	☺				😟	☹	☺
	P3204-D31,75	H	2	31.750	5	10	8				☹			☹	☺					☹	☺
	P3201-D08	H	2	8	2	4	3	☺							☺						☺
	P3201-D10	H	2	10	2.5	5	4	☺	😐	☹					☺	😐	☹				☺
	P3201-D12	H	2	12	2.5	6	5	☺	😐	☹					☺	😐	☹				☺
	P3201-D16	H	2	16	3	6	5	☺	😐	☹					☺	😐	☹				☺
	P3201-D20	H	2	20	3	6	5	☺	😐	☹					☺	😐	☹				☺
	P3201-D25	H	2	25	4	9	6	☺	😐	☹					☺	😐	☹				☺
	P3201-D30	H	2	30	5	10	8	☺							☺						☺
	P3201-D32	H	2	32	5	10	8	☺							☺						☺
	P3201-D07,94	H	2	7.940	2	4	3	☺							☺						☺
	P3201-D09,52	H	2	9.530	2.5	5	4	☺							☺						☺
	P3201-D12,7	H	2	12.700	2.5	6	5	☺							☺						☺
	P3201-D15,87	H	2	15.880	3	6	5	☺							☺						☺
	P3201-D19,05	H	2	19.050	3	6	5	☺							☺						☺
	P3201-D25,4	H	2	25.400	4	9	6	☺							☺						☺
	P3201-D31,75	H	2	31.750	5	10	8	☺							☺						☺

Ordering example for the grade WHH15X: P3204-D08 WHH15X
Ordering example for the grade WSM36: P3204-D08 WSM36
Ordering example for the grade WSM36G: P3204-D08 WSM36G

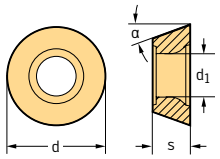
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive round
ROMX / ROHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC				M HC				K HC		S HC		
								WKP35G	WKP35S	WMP45G	WSP45G	WSM35G	WMP45G	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G
	ROMX0803M0-D57	M	4	3.18	8	11°	3.4					😐						😐		
	ROMX10T3M0-D57	M	4	3.97	10	11°	4.4	😐	😐	😟	😟	😐	😟	😟	😟	😟	😟	😐	😟	😟
	ROMX1204M0-D57	M	4	4.76	12	11°	4.4	😐	😐	😟	😟	😐	😟	😟	😟	😟	😟	😐	😟	😟
	ROMX1605M0-D57	M	6	5.56	16	15°	5.5	😐	😐		😟	😐			😟	😟	😟	😐		😟
	ROMX2006M0-D57	M	8	6.35	20	15°	6.5					😐						😐		
	ROMX10T3M0-D67	M	8	3.97	10	11°	3.9				😐	😐		😐	😐			😐	😐	😐
	ROMX1204M0-D67	M	4	4.76	12	11°	4.4			😐	😐		😐	😐	😐				😐	😐
	ROMX10T3M0-F67	M	4	3.97	10	11°	4.4			😟	😟		😟	😟	😟				😟	😟
	ROMX1204M0-F67	M	4	4.76	12	11°	4.4			😟	😟		😟	😟	😟				😟	😟
	ROMX250700-G77	M	8	7.94	25	15°	8.6				😐				😐					😐
	ROHX1204M0T-A27	H	4	4.76	12	11°	4.4	😟	😟							😟	😟			
	ROHX1605M0T-A27	H	6	5.56	16	15°	5.5	😟	😟							😟	😟			
	ROHX0803M0-D57	H	4	3.18	8	11°	3.4					😐						😐		
	ROHX10T3M0-D57	H	4	3.97	10	11°	4.4		😐		😟	😐			😟		😟	😐		😟
	ROHX1204M0-D57	H	4	4.76	12	11°	4.4	😐	😐		😟	😐			😟	😟	😟	😐		😟
	ROHX1605M0-D57	H	6	5.56	16	15°	5.5		😐		😟				😟		😟			😟
	ROHX2006M0-D57	H	8	6.35	20	15°	6.5				😟				😟					😟
	ROHX0803M0-D67	H	4	3.18	8	11°	3.4					😐						😐		
	ROHX10T3M0-D67	H	4	3.97	10	11°	4.4				😐	😐			😐			😐		😐
	ROHX1204M0-D67	H	4	4.76	12	11°	4.4	😐			😐	😐			😐	😐		😐		😐
	ROHX1605M0-D67	H	6	5.56	16	15°	5.5				😐				😐					😐
	ROHX10T3M0-F67	H	4	3.97	10	11°	4.4				😟	😐			😟			😐		😟
	ROHX1204M0-F67	H	4	4.76	12	11°	4.4	😐			😟	😐			😟	😟		😐		😟

Ordering example for the grade WSM35G: ROMX0803M0-D57 WSM35G

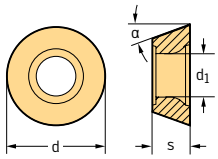
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 😀 → Average = 😐 → Poor = 😟 machining conditions

😀 😐 😟 / ★ = New addition to the product range

Positive round
ROMX / ROHX / ROGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC					M HC			K HC					N HC	HW	S HC			H HC
								WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
	ROMX10T3M0T8-A27	M	8	3.97	10	11°	3.9		😐	😐	😐						😐	😐	😐	😐						
	ROMX1204M0T8-A27	M	8	4.76	12	11°	4.4		😐	😐	😐						😐	😐	😐	😐						
	ROMX1605M0T8-A27	M	8	5.56	16	15°	5.5		😐	😐	😐						😐	😐	😐	😐						
	ROMX2006M0T8-A27	M	8	6.35	20	15°	6.5		😐	😐	😐						😐	😐	😐	😐						
	ROMX0803M04-D57	M	4	3.18	8	11°	3.4		😊		😐	😟	😐		😟		😐	😐		😟			😐		😟	
	ROMX10T3M08-D57	M	8	3.97	10	11°	3.9		😐	😐	😐	😟	😐		😟		😐	😐	😐	😟			😐		😟	
	ROMX1204M08-D57	M	8	4.76	12	11°	4.4		😐	😐	😐	😟	😐		😟		😐	😐	😐	😟			😐		😟	
	ROMX1605M08-D57	M	8	5.56	16	15°	5.5		😐	😐	😐	😟	😐		😟		😐	😐	😐	😟			😐		😟	
	ROMX2006M08-D57	M	8	6.35	20	15°	6.5		😐	😐	😐	😟	😐		😟		😐	😐	😐	😟			😐		😟	
	ROMX10T3M08-F67	M	8	3.97	10	11°	3.9					😟	😐	😟	😟								😐	😟	😟	
	ROMX1204M08-F67	M	8	4.76	12	11°	4.4					😟	😐	😟	😟								😐	😟	😟	
	ROMX1605M08-F67	M	8	5.56	16	15°	5.5					😐	😐	😟	😐								😐	😟	😐	
	ROHX2006M0T8-A27	H	8	6.35	20	15°	6.5				😟									😟						
	ROHX0803M04-A57	H	4	3.18	8	11°	3.4	😊	😐	😟	😟					😊	😐	😐	😟	😟						😊
	ROHX10T3M08-A57	H	8	3.97	10	11°	3.9	😊	😐	😟	😟					😊	😐	😐	😟	😟						😊
	ROHX1204M08-A57	H	8	4.76	12	11°	4.4	😊	😐	😟	😟					😊	😐	😐	😟	😟						😊
	ROHX1605M08-A57	H	8	5.56	16	15°	5.5	😊	😐	😟	😟					😊	😐	😐	😟	😟						😊
	ROHX2006M08-A57	H	8	6.35	20	15°	6.5	😊	😐	😟	😟					😊	😐	😐	😟	😟						😊
	ROHX0803M04-D57	H	4	3.18	8	11°	3.4				😐	😟	😐		😟					😟			😐		😟	
	ROHX2006M08-D57	H	8	6.35	20	15°	6.5				😐									😟						
	ROHX0803M04-D67	H	4	3.18	8	11°	3.4					😐			😐										😐	
	ROGX0803M04-G88	G	4	3.18	8	11°	3.4														😊	😐				
	ROGX10T3M08-G88	G	8	3.97	10	11°	3.9														😊	😐				
	ROGX1204M08-G88	G	8	4.76	12	11°	4.4														😊	😐				
	ROGX1605M08-G88	G	8	5.56	16	15°	5.5														😊	😐				
	ROGX2006M08-G88	G	8	6.35	20	15°	6.5														😊	😐				

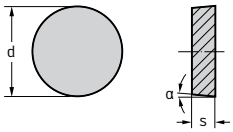
Ordering example for the grade WKK25G: ROMX10T3M0T8-A27 WKK25G

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😟 machining conditions

New addition to the product range = 😊 😐 😟 / ★

Turning Insert Ceramic – Positive round
RPGN



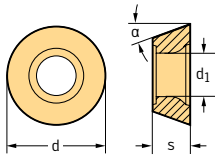
Indexable inserts

	Designation	d mm	α	S CS WIS10	S CS WIS30
	RPGN090300E	9.525	11°	☺	☹
	RPGN120400E	12.7	11°	☺	☹
	RPGN090300T01020	9.525	11°	☺	☹
	RPGN120400T01020	12.7	11°	☺	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WIS10: RPGN090300E WIS10

CS = Uncoated ceramic SiAlON

Positive round
RDGT / RDHW / RDMW / RDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WHH15X	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	RDGT0803M0-G88	G	4	3.18	8	15°	3.4												☺	☺			
	RDGT10T3M0-G88	G	4	3.97	10	15°	4.4												☺	☺			
	RDGT1204M0-G88	G	6	4.76	12	15°	4.4												☺	☺			
	RDGT1605M0-G88	G	6	5.56	16	15°	5.5												☺	☺			
	RDGT2006M0-G88	G	6	6.35	20	15°	6.5												☺	☺			
	RDHW0803M0-A57	H	4	3.18	8	15°	3.4	☺							☺								☺
	RDHW10T3M0-A57	H	4	3.97	10	15°	4.4	☺							☺								☺
	RDHW1204M0-A57	H	6	4.76	12	15°	4.4	☺							☺								☺
	RDHW1605M0-A57	H	6	5.56	16	15°	5.5	☺							☺								☺
	RDHW2006M0-A57	H	6	6.35	20	15°	6.5	☺							☺								☺
	RDMW0803M0T-A27	M	4	3.18	8	15°	3.4				☹							☹					
	RDMW10T3M0T-A27	M	4	3.97	10	15°	4.4		😐		☹					😐		☹					
	RDMW1204M0T-A27	M	6	4.76	12	15°	4.4		😐		☹					😐		☹					
	RDMW1605M0T-A27	M	6	5.56	16	15°	5.5		😐	☹	☹					😐	☹	☹					
	RDMW2006M0T-A27	M	6	6.35	20	15°	6.5		😐	☹	☹					😐	☹	☹					

Ordering example for the grade WK10: RDGT0803M0-G88 WK10

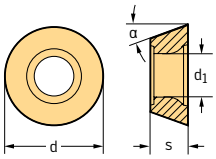
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive round
RDGT / RDHW / RDMW / RDMT
Tiger·tec® Gold



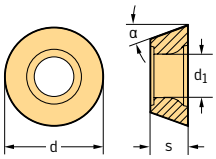
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WHH15X	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	RDMT0803M0-D57	M	4	3.18	8	15°	3.4				😐	😟	😐	😟				😟			😐	😟	
	RDMT10T3M0-D57	M	4	3.97	10	15°	4.4		😊	😐	😐	😟	😐	😟		😐	😐	😐			😐	😟	
	RDMT1204M0-D57	M	6	4.76	12	15°	4.4		😊	😐	😐	😟	😐	😟		😐	😐	😐			😐	😟	
	RDMT1605M0-D57	M	6	5.56	16	15°	5.5		😊	😐	😐	😟	😐	😟		😐	😐	😐			😐	😟	
	RDMT2006M0-D57	M	6	6.35	20	15°	6.5		😊	😐	😐	😟	😐	😟		😐	😐	😐			😐	😟	

Ordering example for the grade WK10: RDGT0803M0-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

Positive round
RDHX / RDMX / RDGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	RDHX1003M0T-A27	H	4	3.18	10	15°	4.4		😐		😟						😐		😟				
	RDHX12T3M0T-A27	H	6	3.97	12	15°	4.4		😐	😟	😟						😐	😟	😟				
	RDHX1604M0T-A27	H	6	4.76	16	15°	5.5		😐								😐						
	RDHX2006M0T-A27	H	6	5.97	20	15°	5.5				😟								😟				
	RDHX0501M0-A57	H	4	1.47	5	15°	2.2	😊		😟	😟				😊	😊		😟	😟				😊
	RDHX0702M0-A57	H	4	2.35	7	15°	2.8	😊							😊								😊
	RDHX07T1M0-A57	H	4	1.96	7	15°	2.8	😊	😐	😟	😟				😊	😐	😐	😟	😟				😊
	RDHX1003M0-A57	H	4	3.18	10	15°	4.4	😊		😟	😟				😊			😟	😟				😊
	RDHX12T3M0-A57	H	6	3.97	12	15°	4.4	😊		😟	😟				😊			😟	😟				😊
	RDHX1604M0-A57	H	6	4.76	16	15°	5.5	😊		😟	😟				😊			😟	😟				😊
	RDHX2006M0-A57	H	6	6	20	15°	5.5	😊		😟	😟				😊			😟	😟				😊
	RDMX1003M0T-A27	M	4	3.18	10	15°	4.4		😐	😟	😟						😐	😟	😟				
	RDMX12T3M0T-A27	M	6	3.97	12	15°	4.4		😐	😟	😟						😐	😟	😟				
	RDMX1604M0T-A27	M	6	4.76	16	15°	5.5		😐	😟	😟						😐	😟	😟				

Ordering example for the grade WKP25S: RDHX1003M0T-A27 WKP25S
Ordering example for the grade WKP35S: RDHX1003M0T-A27 WKP35S
Ordering example for the grade WKP25S: RDHX12T3M0T-A27 WKP25S
Ordering example for the grade WKP35G: RDHX12T3M0T-A27 WKP35G

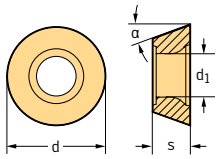
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😟 machining conditions

New addition to the product range = 😊 😐 😟 / ★

Positive round
RDHX / RDMX / RDGX
Tiger·tec® Gold



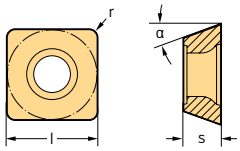
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	RDGX0501M0-G88	G	4	1.45	5	15°	2.2													☺			
	RDGX07T1M0-G88	G	4	1.94	7	15°	2.8													☺			
	RDGX1003M0-G88	G	4	3.18	10	15°	4.4													☺			
	RDGX12T3M0-G88	G	6	3.97	12	15°	4.4													☺			
	RDGX1604M0-G88	G	6	4.76	16	15°	5.5													☺			
	RDGX2006M0-G88	G	6	6	20	15°	5.5													☺			
	RDMX0501M0-D57	M	4	1.45	5	15°	2.2		☺	☺	☺	☹	☺	☹		☺	☺	☹	☹		☺	☹	
	RDMX07T1M0-D57	M	4	1.94	7	15°	2.8		☺	☺	☺	☹	☺	☹		☺	☺	☹	☹		☺	☹	
	RDMX1003M0-D57	M	4	3.18	10	15°	4.4			☺	☺	☹		☹				☹	☹			☹	
	RDMX12T3M0-D57	M	6	3.97	12	15°	4.4			☺	☺	☹		☹				☹	☹			☹	
	RDMX1604M0-D57	M	6	4.76	16	15°	5.5			☺	☺	☹		☹				☹	☹			☹	
	RDMX2006M0-D57	M	6	6	20	15°	5.5			☺	☺	☹		☹				☹	☹			☹	

Ordering example for the grade WKP25S: RDHX1003M0T-A27 WKP25S
Ordering example for the grade WKP35S: RDHX1003M0T-A27 WKP35S
Ordering example for the grade WKP25S: RDHX12T3M0T-A27 WKP25S
Ordering example for the grade WKP35G: RDHX12T3M0T-A27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

Positive square
SCMT / SCGT / SCHT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WN15	S HC WSM45X	S HC WSP45G
	SCMT110502-G55	M	4	5.16	11.1	0.2	11°	☺	☺	☹		☹	☺	☺				☹
	SCMT110502-G55W	M	4	5.16	11.1	0.2	11°			☹	☹	☹					☹	☹
	SCMT110502-F55	M	4	5.16	11.1	0.2	11°	☺	☺	☹		☹	☺	☺				☹

Ordering example for the grade WKP35G: SCMT110502-G55 WKP35G

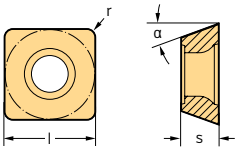
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SCMT / SCGT / SCHT
Tiger·tec® Gold



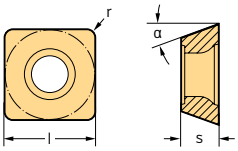
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WN15	S HC WSM45X	S HC WSP45G
	SCGT110502-G51	G	4	5.16	11.1	0.2	11°	☺	☺	😐		😐	☺	☺				😐
	SCHT110502-K85	H	4	5.16	11.1	0.2	11°								☺	☺		

Ordering example for the grade WKP35G: SCMT110502-G55 WKP35G

HC = Coated carbide
HW = Uncoated carbide

Positive square
SDGT / SDMW / SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	2.78	6.35	0.4	15°													☺	☺			
	SDHT09T304-G88	H	4	3.97	9.52	0.4	15°													☺	☺			
	SDHT09T308-G88	H	4	3.97	9.52	0.8	15°													☺	☺			
	SDHT120408-G88	H	4	4.76	12.7	0.8	15°													☺	☺			
	SDMW06T204-A57	M	4	2.78	6.35	0.4	15°	😐	☹	☹							😐	☹	☹					
	SDMW09T308-A57	M	4	3.97	9.52	0.8	15°	😐	☹	☹							😐	☹	☹					
	SDMW09T320-A57	M	4	3.97	9.52	2	15°		☹		☹			☹		😐		☹						☹
	SDMW120408-A57	M	4	4.76	12.7	0.8	15°	😐	☹	☹							😐	☹	☹					
	SDMW120425-A57	M	4	4.76	12.7	2.5	15°		☹		☹			☹		😐		☹						☹
	SDMT06T204-D51	M	4	2.78	6.35	0.4	15°	☺	😐	😐	☹			☹			😐	☹	☹					☹
	SDMT09T308-D51	M	4	3.97	9.52	0.8	15°	☺	😐	😐	☹			☹			😐	☹	☹					☹
	SDMT120408-D51	M	4	4.76	12.7	0.8	15°	☺	😐	😐	☹			☹			😐	☹	☹					☹
	SDMT06T204-D57	M	4	2.78	6.35	0.4	15°	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹
	SDMT09T308-D57	M	4	3.97	9.52	0.8	15°	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹
	SDMT120408-D57	M	4	4.76	12.7	0.8	15°	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹

Ordering example for the grade WK10: SDHT06T204-G88 WK10

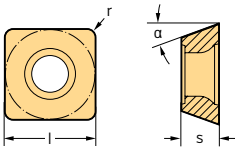
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive square
SDGT / SDMW / SDMT
Tiger·tec® Gold



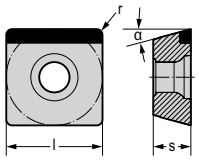
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMT06T204-F57	M	4	2.78	6.35	0.4	15°	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹			😐	☹	☹
	SDMT06T208-F57	M	4	2.78	6.35	0.8	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT06T212-F57	M	4	2.78	6.35	1.2	15°		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹
	SDMT09T304-F57	M	4	3.97	9.52	0.4	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT09T308-F57	M	4	3.97	9.52	0.8	15°	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹			😐	☹	☹
	SDMT09T312-F57	M	4	3.97	9.52	1.2	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT09T316-F57	M	4	3.97	9.52	1.6	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT09T320-F57	M	4	3.97	9.52	2	15°		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹
	SDMT120408-F57	M	4	4.76	12.7	0.8	15°	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹			😐	☹	☹
	SDMT120412-F57	M	4	4.76	12.7	1.2	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT120416-F57	M	4	4.76	12.7	1.6	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT120420-F57	M	4	4.76	12.7	2	15°		😐	😐	☹			☹				☹	☹					☹
	SDMT120425-F57	M	4	4.76	12.7	2.5	15°		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹

Ordering example for the grade WK10: SDHT06T204-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

Positive square
SDGW



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l mm	s mm	α	r mm	N DP WDN20
	SDGW09T304-A88	G	1	9.52	3.97	15°	0.4	😐
	SDGW120408-A88	G	1	12.7	4.76	15°	0.8	😐

Ordering example for the grade WDN20: SDGW09T304-A88 WDN20

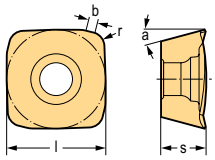
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SDMX
Tiger·tec® Gold



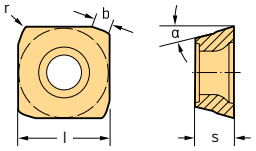
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMX0904ZDR-E27	M	4	4.62	9.52	1	15°	0.8	☺		☹	☺		☹	☹		☺		☹
	SDMX1205ZDR-E27	M	4	5.84	12.7	2	15°	1.2	☺	☺	☹	☺		☹	☹	☹	☺		☹
	SDMX0904ZDR-E57	M	4	4.62	9.52	1	15°	0.8	☺		☹	☹	☹	☹	☹		☹	☹	☹
	SDMX1205ZDR-E57	M	4	5.84	12.7	2	15°	1.2	☺		☹	☹	☹	☹	☹		☹	☹	☹

Ordering example for the grade WKP35G: SDMX0904ZDR-E27 WKP35G

HC = Coated carbide

Positive square
SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSP45G
	SDMT06T2ZDR-D57	M	4	2.78	6.35	0.4	15°	1.2	☺	☺	☹	☹	☹	☹	☹
	SDMT09T3ZDR-D57	M	4	3.97	9.52	0.8	15°	1.2	☺	☺	☹	☹	☹	☹	☹
	SDMT1204ZDR-D57	M	4	4.76	12.7	0.8	15°	1.8	☺	☺	☹	☹	☹	☹	☹

Ordering example for the grade WKP35G: SDMT06T2ZDR-D57 WKP35G

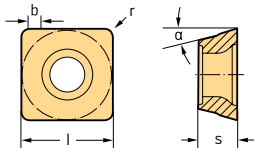
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive square
SDGT
Tiger·tec® Gold



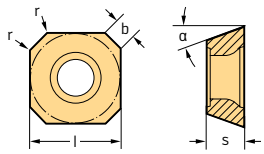
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	SDGT06T2PDR-D57	G	4	2.78	6.35	0.4	15°	1.2	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹
	SDGT09T3PDR-D57	G	4	3.97	9.52	0.8	15°	1.2	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹
	SDGT1204PDR-D57	G	4	4.76	12.7	0.8	15°	1.6	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹

Ordering example for the grade WKP25S: SDGT06T2PDR-D57 WKP25S
Ordering example for the grade WKP35G: SDGT06T2PDR-D57 WKP35G

HC = Coated carbide

Positive square
SDMW / SDMT / SDET / SDGT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HT WEP20	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMW09T3AZN-A57	M	4	3.97	9.52	0.3	15°	1.2		☹	☹						☺			☹	☹					
	SDMW1204AZN-A57	M	4	4.76	12.7	0.3	15°	1.4	😐	☹	☹								😐	☹	☹					
	SDMT09T3AZN-D57	M	4	3.97	9.52	0.3	15°	1.2	😐	😐	😐	☹		😐		☹		😐	😐	☹	☹			😐		☹
	SDMT1204AZN-D57	M	4	4.76	12.7	0.3	15°	1.4	😐	😐	😐	☹		😐		☹	☺	😐	😐	☹	☹			😐		☹
	SDET09T3AZN-F57	E	4	3.97	9.52	0.3	15°	1.4					☺													
	SDET1204AZN-F57	E	4	4.76	12.7	0.3	15°	1.8					☺													
	SDMT09T3AZN-F57	M	4	3.97	9.52	0.3	15°	1.4	😐	😐	😐	☹			☹	☹			😐	☹	☹				☹	☹
	SDMT1204AZN-F57	M	4	4.76	12.7	0.3	15°	1.8	😐	😐	😐	☹			☹	☹			😐	☹	☹				☹	☹
	SDGT09T3AZN-F57	G	4	3.97	9.52	0.3	15°	1.4	😐	😐	😐	☹		😐		☹	☺	😐	😐	☹	☹			😐		☹
	SDGT1204AZN-F57	G	4	4.76	12.7	0.3	15°	1.8	😐	😐	😐	☹		😐		☹	☺	😐	😐	☹	☹			😐		☹

Ordering example for the grade WAK15: SDMW09T3AZN-A57 WAK15
Ordering example for the grade WKP35G: SDMW09T3AZN-A57 WKP35G

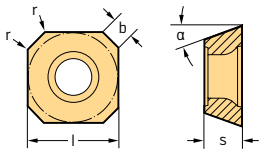
HC = Coated carbide
HT = Uncoated cermet
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SDMW / SDMT / SDET / SDGT
Tiger·tec® Gold



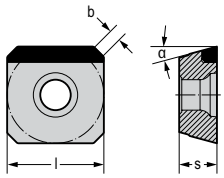
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HT WEP20	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDGT09T3AZN-G77	G	4	3.97	9.52	0.3	15°	1.2				😐				😐										😐
	SDGT1204AZN-G77	G	4	4.76	12.7	0.3	15°	1.4				😐				😐										😐
	SDHT09T3AZN-G88	H	4	3.97	9.52	0.3	15°	1.2														🙂	😐			
	SDHT1204AZN-G88	H	4	4.76	12.7	0.3	15°	1.4														🙂	😐			

Ordering example for the grade WAK15: SDMW09T3AZN-A57 WAK15
Ordering example for the grade WKP35G: SDMW09T3AZN-A57 WKP35G

HC = Coated carbide
HT = Uncoated cermet
HW = Uncoated carbide

Positive square
SDGW



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	b mm	α	N DP WDN20
	SDGW09T3AZR-A88	G	1	3.97	1.2	15°	😐

Ordering example for the grade WDN20: SDGW09T3AZR-A88 WDN20

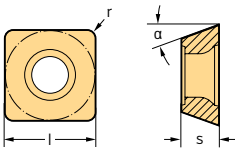
DP = Polycrystalline diamond

D 2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = 🙂 😐 ☹ / ★

Positive square
SPGT / SPHT / SPMW / SPMT / SDEB / SPEB
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HW WKM	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SPGT120606-F57	G	4	6.35	12.7	0.6	11°				☹	😐	☹								😐	☹
	SPHT060304-G88	H	4	3.18	6.35	0.4	11°												😊	😐		
	SPHT09T308-G88	H	4	3.97	9.52	0.8	11°												😊	😐		
	SPHT120408-G88	H	4	4.76	12.7	0.8	11°												😊	😐		
	SPMW060304T-A27	M	4	3.18	6.35	0.4	11°			☹							☹					
	SPMW09T308T-A27	M	4	3.97	9.52	0.8	11°	😐		☹					😐		☹					
	SPMW120408T-A27	M	4	4.76	12.7	0.8	11°	😐		☹					😐		☹					
	SPMW120606T-A27	M	4	6.35	12.7	0.6	11°			☹							☹					
	SPMW060304-A57	M	4	3.18	6.35	0.4	11°	😐						😊	😐							
	SPMW09T308-A57	M	4	3.97	9.52	0.8	11°	😐		☹				😊	😐		☹					
	SPMW120408-A57	M	4	4.76	12.7	0.8	11°	😐		☹				😊	😐		☹					
	SPMT060304-D51	M	4	3.18	6.35	0.4	11°	😊		😐	☹	😐	☹		😐		☹				☹	☹
	SPMT09T308-D51	M	4	3.97	9.52	0.8	11°	😊		😐	☹	😐	☹		😐		☹				☹	☹
	SPMT120408-D51	M	4	4.76	12.7	0.8	11°	😊		😐	☹	😐	☹		😐		☹				☹	☹
	SPMT120606-D51	M	4	6.35	12.7	0.6	11°			😐	☹		☹				☹					☹
	SPMT120606-D57	M	4	6.35	12.7	0.6	11°	😊		😐	☹		☹		😐		☹					☹
	SPMT060304-F55	M	4	3.18	6.35	0.4	11°	😊	😐	😐	☹	😐	☹	😊	😐	😐	😐				☹	☹
	SPMT09T308-F55	M	4	3.97	9.52	0.8	11°	😊	😐	😐	☹	😐	☹	😊	😐	😐	😐				☹	☹
	SPMT120408-F55	M	4	4.76	12.7	0.8	11°	😊	😐	😐	☹	😐	☹	😊	😐	😐	😐				☹	☹
	SDEB090308-A67	E	4	3.18	9.52	0.8	15°				☹		☹									☹
	SPEB090308-A67	E	4	3.18	9.52	0.8	11°				☹	☹	☹								☹	☹
	SPEB120308-A67	E	4	3.18	12.7	0.8	11°				☹		☹									☹
	SPEB150408-A67	E	4	4.76	15.88	0.8	11°				☹		☹									☹
	SPEB090308-A88	E	4	3.18	9.52	0.8	11°											☹				
	SPMW070308-A67	M	4	3.18	7.94	0.8	11°	😐							😐							
	SPMW070308-A88	M	4	3.18	7.94	0.8	11°											😐				

Ordering example for the grade WSM35G: SPGT120606-F57 WSM35G

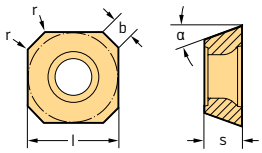
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SPGT / SPKT / SPMW / SPMT
Tiger·tec® Gold



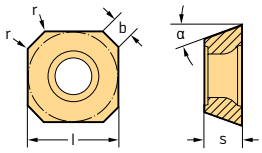
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SPGT1204AEN-K88	G	4	4.76	12.7		11°	1.5									☺	😐		
	SPKT1204AZN	K	4	4.76	12.7		11°	1.4	😐	☹	☹	😐	☹	☺	😐	☹			😐	☹
	SPKT1504AZN	K	4	4.76	15.88		11°	1.7		☹						☹				
	SPMW1204AEN-A57	M	4	4.76	12.7	0.5	11°	1.4		☹						☹				
	SPMT1204AEN	M	4	4.76	12.7	0.5	11°	1.4	😐	☹	☹		☹	☺	😐	☹				☹

Ordering example for the grade WK10: SPGT1204AEN-K88 WK10

HC = Coated carbide
HW = Uncoated carbide

Positive square
SDGT / SDHW / SDMW / SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SDGT09T3AEN-F57	G	4	3.97	9.52	0.3	15°	1.2	☺	😐	☹	😐	☹	😐	☹			😐	☹
	SDGT09T3AEN-G88	G	4	3.97	9.52	0.3	15°	1.2								☺	😐		

Ordering example for the grade WKP25S: SDGT09T3AEN-F57 WKP25S
Ordering example for the grade WKP35S: SDGT09T3AEN-F57 WKP35S
Ordering example for the grade WSM35G: SDGT09T3AEN-F57 WSM35G

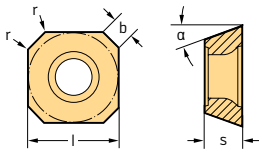
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive square
SDGT / SDHW / SDMW / SDMT
Tiger·tec® Gold



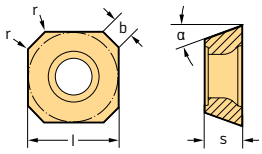
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SDHW09T3AEN-A57	H	4	3.97	9.52	0.3	15°	1.2		☹					☹				
	SDMW09T3AEN-A57	M	4	3.97	9.52	0.5	15°	1.2	😐	☹				😐	☹				
	SDMT09T3AEN-D57	M	4	3.97	9.52	0.5	15°	1.2		😐	☹	😐	☹		☹			😐	☹

Ordering example for the grade WKP25S: SDGT09T3AEN-F57 WKP25S
Ordering example for the grade WKP35S: SDGT09T3AEN-F57 WKP35S
Ordering example for the grade WSM35G: SDGT09T3AEN-F57 WSM35G

HC = Coated carbide
HW = Uncoated carbide

Positive square
SEHW / SEHT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSP45G
	SEHW1204AFN	H	4	4.76	12.7	0.8	20°	2	😐	☹	☹				🙂	😐	☹	☹			
	SEHW1504AFN	H	4	4.76	15.9	0.8	20°	2.1			☹							☹			
	SEHT1204AFN	H	4	4.76	12.7	0.8	20°	2			☹	☹	😐	☹				☹	😐	😐	☹
	SEHT1204AFN-K88	H	4	4.76	12.7	0.8	20°	1.8											😐		

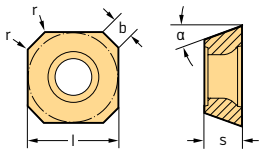
Ordering example for the grade WAK15: SEHW1204AFN WAK15
Ordering example for the grade WKP25S: SEHW1204AFN WKP25S
Ordering example for the grade WKP35G: SEHW1204AFN WKP35G

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

Positive square
SPJW / SPGT
Tiger·tec® Gold



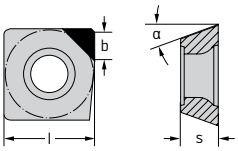
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35S	S HC WSM35G	S HC WSP45G
	SPJW1204EDR	J	4	4.76	12.7		11°	1.4	☺	☹				☺	☺	☹		
	SPGT1204EDR-F55	G	4	4.76	12.7	0.5	11°	1.3		☺	☹	☺	☹	☺		☺	☺	☹

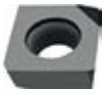
Ordering example for the grade WAK15: SPJW1204EDR WAK15

HC = Coated carbide

Positive square
SPHW



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	α	b mm	N DP WCD10
	SPHW1204EDR-A88	H	1	4.76	12.7	11°	1.5	☺
	SPHW1204PDR-A88	H	1	4.76	12.7	11°	1.5	☺

Ordering example for the grade WCD10: SPHW1204EDR-A88 WCD10

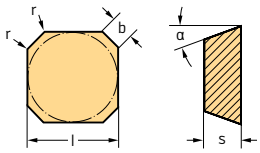
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive square
SEKN / SEKR
Tiger·tec® Silver



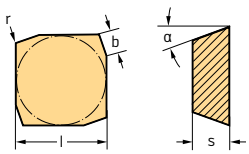
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35S	K HC WKP35S
	SEKN1203AFN	K	4	3.18	12.7	0.6	20°	1.9	☹	☹
	SEKN1504AFN	K	4	4.76	15.9	0.4	20°	2	☹	☹
	SEKR1203AFTN	K	4	3.18	12.7	0.4	20°	1.9	😐	☹

Ordering example for the grade WKP35S: SEKN1203AFN WKP35S

HC = Coated carbide

Positive square
SPFN



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	K HC WKP25S
	SPFN1204EDN	F	4	4.76	12.7	0.5	11°	1.7	😐	😐

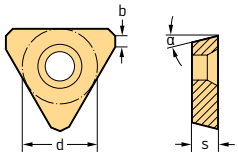
Ordering example for the grade WKP25S: SPFN1204EDN WKP25S

HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive triangular
TPAW / TPJW
Tiger·tec® Silver



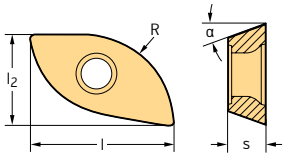
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WKP25S	P HC WKP35S	K WAK15	K HC WKP25S	K HC WKP35S
	TPAW1604PPN	A	3	4.76	9.52	11°	1.2	☺	☹		☺	☹
	TPJW1604PPN	J	3	4.76	9.52	11°	1.2	☺	☹	☻	☺	☹
	TPJW2204PPN	J	3	4.76	12.7	11°	1.2		☹			☹

Ordering example for the grade WKP25S: TPAW1604PPN WKP25S

HC = Coated carbide

Positive form inserts
XDGT / XDMT
Tiger·tec® Gold



Tool

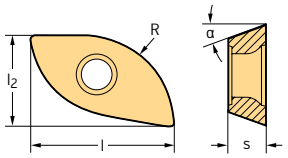
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	α	R mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	XDGT1303080R-D57	G	2	3	13.12	8.5	15°	8			☺						☹		
	XDGT16T3100R-D57	G	2	3.74	15.93	9	15°	10			☺	☹		☹			☹		☹
	XDGT2004125R-D57	G	2	4.68	19.94	11.3	15°	12.5			☺	☹		☹			☹		☹
	XDGT2405150R-D57	G	2	5.62	23.94	13.5	15°	15			☺						☹		
	XDGT2506160R-D57	G	2	6	25.54	14.4	15°	16			☺	☹		☹			☹		☹
	XDGT3207200R-D57	G	2	7.5	31.95	18	15°	20			☺	☹		☹			☹		☹
	XDGT4009250R-D57	G	2	9.39	39.95	22.5	15°	25			☺	☹		☹			☹		☹
	XDGT1303079R-D57	G	2	3	13.12	8.5	15°	7.84				☹		☹					☹
	XDGT16T3095R-D57	G	2	3.74	15.93	9	15°	9.530				☹		☹					☹
	XDGT2004127R-D57	G	2	4.68	19.94	11.3	15°	12.7				☹		☹					☹
	XDGT3207191R-D57	G	2	7.5	31.95	18	15°	19.05				☹		☹					☹
	XDGT4009254R-D57	G	2	9.39	39.95	22.5	15°	25.4				☹		☹					☹
	XDMT1303080R-F55	M	2	3	13.12	8.5	15°	8	☻	☺	☺	☹	☺	☹	☺	☺	☺	☺	☹
	XDMT16T3100R-F55	M	2	3.74	15.93	9	15°	10	☻	☺	☺	☹	☺	☹	☺	☺	☺	☺	☹
	XDMT2004125R-F55	M	2	4.68	19.94	11.3	15°	12.5	☻	☺	☺	☹	☺	☹	☺	☺	☺	☺	☹
	XDMT2405150R-F55	M	2	5.62	23.94	13.5	15°	15	☻	☺	☺	☹	☺	☹	☺	☺	☺	☺	☹
	XDMT2506160R-F55	M	2	6	25.54	14.4	15°	16		☺	☺	☹	☺	☹		☺	☺	☺	☹
	XDMT3207200R-F55	M	2	7.5	31.95	18	15°	20	☻	☺	☺	☹	☺	☹	☺	☺	☺	☺	☹
	XDMT4009250R-F55	M	2	9.39	39.95	22.5	15°	25	☻	☺	☺	☹		☹	☺	☺	☺		☹

Ordering example for the grade WKP35S: XDGT1303080R-D57 WKP35S
Ordering example for the grade WKP35S: XDGT16T3100R-D57 WKP35S
Ordering example for the grade WSP45G: XDGT16T3100R-D57 WSP45G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive form inserts
XDGT / XDMT
Tiger·tec® Gold



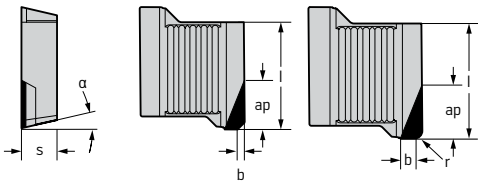
Tool

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	α	R mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	XDMT1303079R-F55	M	2	3	13.12	8.5	15°	7.920				☹		☹					☹
	XDMT16T3095R-F55	M	2	3.74	15.93	9	15°	9.530				☹		☹					☹
	XDMT2004127R-F55	M	2	4.68	19.94	11.3	15°	12.7				☹		☹					☹
	XDMT2506159R-F55	M	2	6	25.54	14.4	15°	15.880				☹		☹					☹
	XDMT3207191R-F55	M	2	7.5	31.95	18	15°	19.05				☹		☹					☹
	XDMT4009254R-F55	M	2	9.39	39.95	22.5	15°	25.4				☹		☹					☹

Ordering example for the grade WKP35S: XDGT1303080R-D57 WKP35S
Ordering example for the grade WKP35S: XDGT16T3100R-D57 WKP35S
Ordering example for the grade WSP45G: XDGT16T3100R-D57 WSP45G

HC = Coated carbide

PCD indexable inserts
XOEN



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	a_p mm	N DP WDN20
	XOEN12T308R-A-A88	E	1	4	12.11	0.8	13°	1.2	5	☺
	XOEN12T3AZR-A-A88	E	1	4	12.21		13°	0.8	5.1	☺
	XOEN12T308R-F-A88	E	1	4	12.11	0.8	13°	1.2	10.3	☺

Ordering example for the grade WDN20: XOEN12T308R-A-A88 WDN20

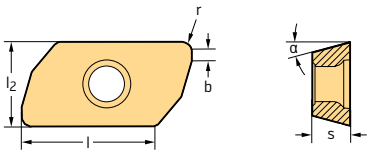
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive rhombic
ZDGT



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	N HC WNN15	N HC WXN15	N HW WK10
	ZDGT150404R-K85	G	2	4.76	16.2	10.5	0.4	15°	1.2	☺	☺	😐
	ZDGT150408R-K85	G	2	4.76	16.2	10.5	0.8	15°	1.2	☺	☺	😐
	ZDGT150412R-K85	G	2	4.76	16.2	10.5	1.2	15°	1.2	☺	☺	😐
	ZDGT150416R-K85	G	2	4.76	16.2	10.5	1.6	15°	1.2	☺	☺	😐
	ZDGT150420R-K85	G	2	4.76	16.2	10.5	2	15°	1.2	☺	☺	😐
	ZDGT150430R-K85	G	2	4.76	16.2	10.5	3	15°	1.2	☺	☺	😐
	ZDGT150440R-K85	G	2	4.76	16.2	10.5	4	15°	1.2	☺	☺	😐
	ZDGT200508R-K85	G	2	5.56	21.2	14	0.8	15°	1.2	☺		😐
	ZDGT200512R-K85	G	2	5.56	21.2	14	1.2	15°	1.2			😐
	ZDGT200516R-K85	G	2	5.56	21.2	14	1.6	15°	1.2			😐
	ZDGT200520R-K85	G	2	5.56	21.2	14	2	15°	1.2	☺		😐
	ZDGT200530R-K85	G	2	5.56	21.2	14	3	15°	1.2	☺		😐
	ZDGT200540R-K85	G	2	5.56	21.2	14	4	15°	1.2	☺		😐
	ZDGT200550R-K85	G	2	5.56	21.2	14	5	15°	1.2			😐
	ZDGT200560R-K85	G	2	5.56	21.2	14	6	15°	1.2			😐
	ZDGT200564R-K85	G	2	5.56	21.2	14	6.4	15°	1.2			😐

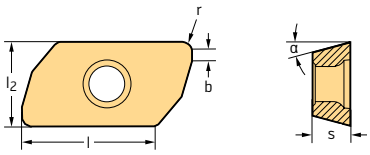
ZDGT1504 and ZDGT2005 insertable in Ramping-Cutter M2131
Ordering example for the grade WK10: ZDGT150404R-K85 WK10

HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive rhombic
ZDGT



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	N HW WMG40
	ZDGT15A404R-K85	G	2	4.76	16.2	10.5	0.4	15°	1.2	😊
	ZDGT15A408R-K85	G	2	4.76	16.2	10.5	0.8	15°	1.2	😊
	ZDGT15A412R-K85	G	2	4.76	16.2	10.5	1.2	15°	1.2	😊
	ZDGT15A416R-K85	G	2	4.76	16.2	10.5	1.6	15°	1.2	😊
	ZDGT15A420R-K85	G	2	4.76	16.2	10.5	2	15°	1.2	😊
	ZDGT15A430R-K85	G	2	4.76	16.2	10.5	3	15°	1.2	😊
	ZDGT15A440R-K85	G	2	4.76	16.2	10.5	4	15°	1.2	😊
	ZDGT20A508R-K85	G	2	5.56	21.2	14	0.8	15°	1.2	😊
	ZDGT20A516R-K85	G	2	5.56	21.2	14	1.6	15°	1.2	😊
	ZDGT20A520R-K85	G	2	5.56	21.2	14	2	15°	1.2	😊
	ZDGT20A530R-K85	G	2	5.56	21.2	14	3	15°	1.2	😊
	ZDGT20A540R-K85	G	2	5.56	21.2	14	4	15°	1.2	😊
	ZDGT20A550R-K85	G	2	5.56	21.2	14	5	15°	1.2	😊

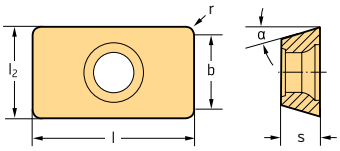
ZDGT15A4 and ZDGT20A5 insertable in Ramping-Cutter M2131 and M2331
Ordering example for the grade WMG40: ZDGT15A404R-K85 WMG40

HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

Finishing inserts
ADGX
Tiger·tec® Gold



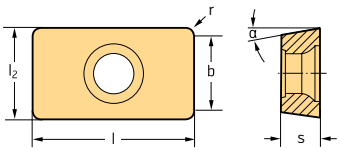
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC			M HC		K HC		
										WHH15	WPM15G	WXM15	WPM15G	WXM15	WHH15	WPM15G	WXM15
	ADGX10T3PER-F56	G	2	3.8	11.3	7.25	0.8	15°	5	☹	😐	☹	🙂	🙂	🙂	🙂	🙂
	ADGX1606PER-F56	G	2	6.15	17.5	10.8	0.8	15°	8			☹		🙂			🙂

Ordering example for the grade WHH15: ADGX10T3PER-F56 WHH15
Ordering example for the grade WPM15G: ADGX10T3PER-F56 WPM15G

HC = Coated carbide

Positive rhombic
BCGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC			M HC		K HC				H HC
										WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
	BCGX0903PDR-G55	G	2	3.21	10.3	6.3	0.4	7°	5	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂
	BCGX1605PDR-G55	G	2	5.81	17.3	9.9	0.8	7°	8	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂	🙂

Ordering example for the grade WAK15: BCGX0903PDR-G55 WAK15
Ordering example for the grade WHH15X: BCGX0903PDR-G55 WHH15X
Ordering example for the grade WPM15G: BCGX0903PDR-G55 WPM15G

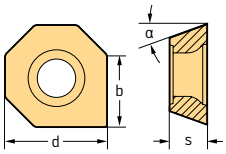
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = 🙂 😐 ☹ / ★

Finishing inserts
ODHX
Tiger·tec® Gold

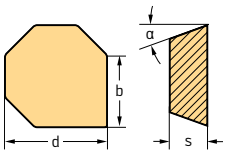


Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	P HC WKP35S	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	K HC WKP35S	H HC WHH15X
	ODHX0504ZZR-A57	H	1	4.76	12.7	15°	7.2	☻			☹			☻	☻			☹	☻
	ODHX0605ZZR-A57	H	1	5.56	15.88	15°	9.4	☻			☹			☻	☻			☹	☻
	ODHX0605ZZN-A57	H	8	5.56	15.88	15°	6	☻						☻	☻				☻
	ODHX0605ZZN-A88	H	8	5.56	15.88	15°	6		☻	☻		☻	☻	☻		☻	☻		

* ZZN for κ = 45° only
HC = Coated carbide
Ordering example for the grade WAK15: ODHX0504ZZR-A57 WAK15

Finishing inserts
OPHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	K BH WCB80	H HC WHH15X	H BH WCB80
	OPHX0504ZZR-A27	H	1	4.76	12.7	11°	7.8										☻		☹
	OPHX0504ZZN-A57	H	8	4.76	12.7	11°	5	☻					☻	☻				☻	
	OPHX0504ZZR-A57	H	1	4.76	12.7	11°	7.8						☻						

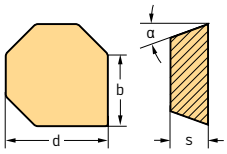
Ordering example for the grade WCB80: OPHX0504ZZR-A27 WCB80
HC = Coated carbide
BH = CBN with high CBN content

D 2

WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

Finishing inserts
OPHX
Tiger·tec® Gold



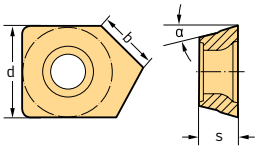
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	K BH WCB80	H HC WHH15X	H BH WCB80
	OPHX0504ZZN-A88	H	8	4.76	12.7	11°	5		☺	☻	☺	☻	☻		☺	☻			

Ordering example for the grade WCB80: OPHX0504ZZR-A27 WCB80

HC = Coated carbide
BH = CBN with high CBN content

Positive square
SDHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	H HC WHH15X
	SDHX09T3AZR-A88	H	1	3.97	9.52	15°	5.6	☻	☺	☻	☺	☻	☻	☻	☺	☻	☻
	SDHX1204AZR-A88	H	1	4.76	12.7	15°	7.5	☻	☺	☻	☺	☻	☻	☻	☺	☻	☻

Ordering example for the grade WAK15: SDHX09T3AZR-A88 WAK15
Ordering example for the grade WHH15X: SDHX09T3AZR-A88 WHH15X
Ordering example for the grade WPM15G: SDHX09T3AZR-A88 WPM15G

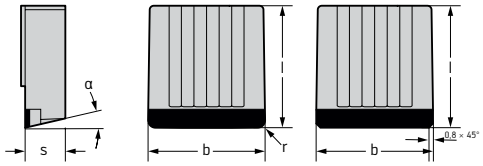
HC = Coated carbide

D2

WALTER SELECT — Optimum indexable insert for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

PCD finishing inserts
XOEX



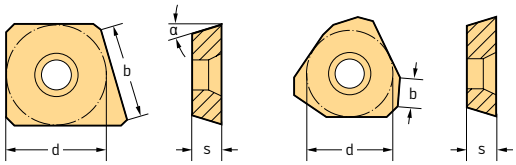
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	N DP WDN20
	XOEX12T308N-F-A88	E	1	4	12.16	0.8	13°	11.8	☺
	XOEX12T3AZR-F-A88	E	1	4	12.16	0.8	13°	11.8	☺

Ordering example for the grade WDN20: XOEX12T308N-F-A88 WDN20

DP = Polycrystalline diamond

Finishing inserts
P2901 / P2903 / P2905 / SPHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	N HW WK10	N DP WCD10	H HC WHH15X
	P2901-1R	H	1	4.76	12.7	11°	11	☺	☺	☺	☺	☺	☺	☺	☺	☺	☹		☺
	P2903-2R	A	3	4.76	9.52	11°	3.5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☹		☺
	P2905-1	F	4	4.76	12.7	11°	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☹		☺
	SPHX1204PDR-A88	H	1	4.76	12.7	11°	3.5											☺	

Ordering example for the grade WAK15: P2901-1R WAK15
Ordering example for the grade WHH15X: P2901-1R WHH15X
Ordering example for the grade WK10: P2901-1R WK10
Ordering example for the grade WPM15G: P2901-1R WPM15G

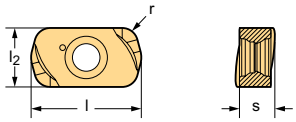
HC = Coated carbide
HW = Uncoated carbide
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☒ machining conditions

☺ ☹ ☒ / ★ = New addition to the product range

Negative rhombic
ENMX
Tiger·tec® Gold



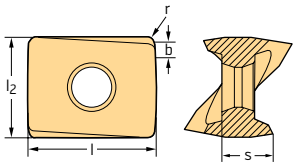
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC					M HC			K HC				S HC				H HC
								WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G	WHH15X
	ENMX08T316R-D27	M	4	3.6	11	6	1.6	☹	😐	😐	😐	☹	😐		☹	😐	😐	☹	☹	😐		☹	🙂
	ENMX08T316R-F47	M	4	3.6	11	6	1.6		😐	😐	😐	☹	😐	☹	☹		😐	☹	☹	😐	☹	☹	

Ordering example for the grade WHH15X: ENMX08T316R-D27 WHH15X
Ordering example for the grade WKK25G: ENMX08T316R-D27 WKK25G

HC = Coated carbide

Negative rhombic
LNGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC				M HC		K HC					N HC	HW	S HC	
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G
	LNGX130708R-L55	G	4	7.74	13.7	11	0.8	1.2	🙂	😐	😐	☹	😐	☹	🙂	😐	😐	☹	☹			😐	☹
	LNGX130712R-L55	G	4	7.74	13.7	11	1.2	1	🙂	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	LNGX130716R-L55	G	4	7.74	13.7	11	1.6	0.9	🙂	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130720R-L55	G	4	7.74	13.7	11	2	0.7	🙂	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130725R-L55	G	4	7.74	13.7	11	2.5	0.6	🙂	😐							😐	☹					
	LNGX130730R-L55	G	4	7.74	13.7	11	3	0.7	🙂	😐	😐						😐	☹	☹				
	LNGX130708R-L88	G	4	7.74	13.7	11	0.8	1.2												🙂	😐		

Ordering example for the grade WAK15: LNGX130708R-L55 WAK15
Ordering example for the grade WKK25G: LNGX130708R-L55 WKK25G

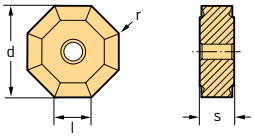
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = 🙂 😐 ☹ / ★

Negative octagonal
ONHF
Tiger·tec® Silver



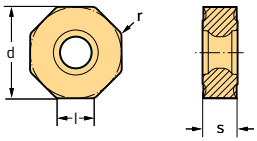
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WHH15X	P HC WKP25S	K HC WAK15	K HC WHH15X	K HC WKP25S	H HC WHH15X
	ONHF050408-F67	H	16	4.76	12.7	5.26	0.8	☺	☺	☺	☺	😐	☺

Ordering example for the grade WAK15: ONHF050408-F67 WAK15

HC = Coated carbide

Negative octagonal
ONHU / ONMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP35G	S HC WSM35G	S HC WSP45G
	ONHU050408-F67	H	16	4.86	12.7	5.26	0.8	😐		😐		☹	😐	
	ONMU050408-D57	M	16	4.86	12.7	5.26	0.8	😐	☹		☹	☹		☹

Ordering example for the grade WKP35G: ONHU050408-F67 WKP35G

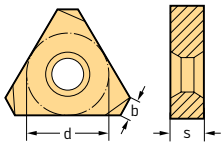
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Wendelnovex® inserts
P2352 / P23522
Tiger·tec® Silver



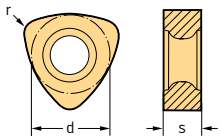
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WKP25S	P HC WKP35S	K HC WKP25S	K HC WKP35S
	P2352-1R	A	6	4.5	15	1.1	😐	☹	😐	☹
	P2352-2R	A	6	4.5	18	1.1		☹		☹
	P23522-1R	A	6	4.5	15	1.1		😐		☹

Ordering example for the grade WKP25S: P2352-1R WKP25S

HC = Coated carbide

Negative triangular
P23696
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	P23696-1.0	M	6	5.31	9.52	1.2	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	☹
	P23696-2.0	M	6	7.41	13.5	1.6	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	☹

Ordering example for the grade WKP25S: P23696-1.0 WKP25S
Ordering example for the grade WKP35G: P23696-1.0 WKP35G

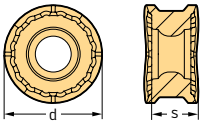
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Negative round
RNMX
Tiger·tec® Gold



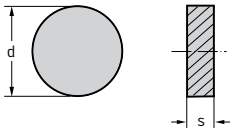
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	P HC WSP45G	M HC WSM35G	M HC WSP45G	S HC WSM35G	S HC WSP45G
	RNMX1005M0-G57	M	8	4.69	10	☹	😐	☹	😐	☹
	RNMX1206M0-G57	M	8	5.64	12	☹	😐	☹	😐	☹
	RNMX1005M0-K67	M	8	4.69	10	☹	😐	☹	😐	☹
	RNMX1206M0-K67	M	8	5.64	12	☹	😐	☹	😐	☹

Ordering example for the grade WSM35G: RNMX1005M0-G57 WSM35G

HC = Coated carbide

Turning Insert Ceramic – Negative round
RNGN



Indexable inserts

	Designation	d mm	S CS WIS10	S CS WIS30	S CR WWS20
	RNGN120700E	12.7	😊	☹	😐
	RNGN120700T01020	12.7	😊	☹	😐
	RNGN150700T01020	15.875			😐

See the ISO 1832 designation key for dimensions

Ordering example for the grade WIS10:
RNGN120700E WIS10

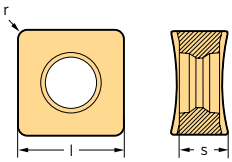
CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

D2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

☹ 😐 😊 / ★ = New addition to the product range

Negative square
SNGX / SNMX
Tiger·tec® Gold



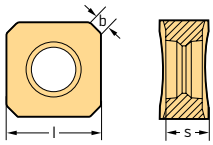
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	SNGX120512-F57	G	8	5.6	12.7	1.2	☺	😐	😐	☹	😐	☹			😐	☹	☹	😐	☹
	SNMX120512-D27	M	8	5.55	12.7	1.2	☺	😐	😐					😐	😐	☹	☹		
	SNMX120520-D27	M	8	5.55	12.7	2	☺	😐	😐					😐	😐	☹	☹		
	SNMX090408-F27	M	8	4.87	9.52	0.8	☺		😐						😐		☹		
	SNMX120512-F27	M	8	5.65	12.7	1.2	☺	😐	😐						😐	☹	☹		
	SNMX160620-F27	M	8	6.38	16	2			😐								☹		
	SNMX090408-F57	M	8	4.85	9.52	0.8	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹	😐	☹
	SNMX120512-F57	M	8	5.5	12.7	1.2	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹	😐	☹
	SNMX120520-F57	M	8	5.5	12.7	2	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹	😐	☹
	SNMX160620-F57	M	8	6.38	16	2	☺		😐	☹		☹			😐		☹		☹
	SNMX160640-F57	M	8	6.38	16	4				☹		☹							☹
	SNMX090408-F67	M	8	4.87	9.52	0.8				☹	😐	☹						😐	☹
	SNMX120512-F67	M	8	5.63	12.7	1.2	☺	😐	😐	☹	😐	☹	☺		😐	☹	☹	😐	☹

Ordering example for the grade WKP25S: SNGX120512-F57 WKP25S
Ordering example for the grade WKP35G: SNGX120512-F57 WKP35G

HC = Coated carbide

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



D 2

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SNGX1205ANN-F27	G	8	5.59	12.7	1.5	☺	😐	😐						😐	☹	☹				

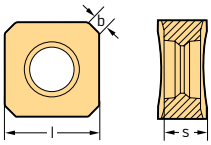
Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SNGX0904ANN-F57	G	8	4.69	9.52	1.2	☺	😐			😐			😐	😐	☹				😐	
	SNGX1205ANN-F57	G	8	5.54	12.7	1.5	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹			😐	☹
	SNGX1606ANN-F57	G	8	6.3	16	1.8			😐	☹		☹					☹				☹
	SNGX0904ANN-F67	G	8	4.72	9.52	1.2					😐									😐	
	SNGX1205ANN-F67	G	8	5.54	12.7	1.5	☺	😐	😐	☹	😐	☹	☺		😐	☹	☹			😐	☹
	SNHX0904ANN-K88	H	8	4.68	9.52	1.5												☺			
	SNHX1205ANN-K88	H	8	5.54	12.7	1.5												☺	😐		
	SNMX0904ANN-F27	M	8	4.72	9.52	1.2		😐								☹					
	SNMX1205ANN-F27	M	8	5.59	12.7	1.5	☺	😐	😐						😐	☹	☹				
	SNMX0904ANN-F57	M	8	4.69	9.52	1.2		😐	😐	☹	😐	☹		😐		☹	☹			😐	☹
	SNMX1205ANN-F57	M	8	5.54	12.7	1.5	☺	😐	😐					😐	😐	☹	☹				
	SNMX0904ANN-F67	M	8	4.72	9.52	1.2				☹	😐	☹								😐	☹
	SNMX1205ANN-F67	M	8	5.54	12.7	1.5	☺	😐	😐				☺		😐	☹	☹				

Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

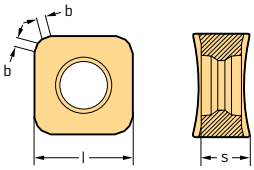
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Negative square
SNGX / SNMX
Tiger·tec® Gold



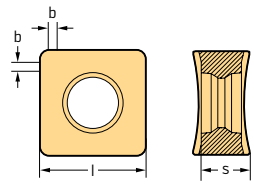
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC				M HC		K HC					S HC	
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	SNGX1205ENN-F27	G	8	5.65	12.7	1.2	☺	😐	😐						😐	☹	☹		
	SNGX1205ENN-F57	G	8	5.61	12.7	1.2	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹	😐	☹
	SNGX1205ENN-F67	G	8	5.64	12.7	1.2	☺		😐	☹	😐	☹	☺		😐		☹	😐	☹
	SNMX1205ENN-F57	M	8	5.61	12.7	1.2	☺	😐							😐	☹			

Ordering example for the grade WKP25S: SNGX1205ENN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ENN-F27 WKP35G

HC = Coated carbide

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC				M HC		K HC					N HC	HW	S HC	
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G
	SNGX1205ZNN-F27	G	8	5.77	12.7	1.2	☺	😐	😐						😐	☹	☹				
	SNGX0904ZNN-F57	G	8	4.9	9.52	1	☺	😐						😐	😐	☹					
	SNGX1205ZNN-F57	G	8	5.77	12.7	1.2	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹			😐	☹

Ordering example for the grade WKP25S: SNGX1205ZNN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ZNN-F27 WKP35G

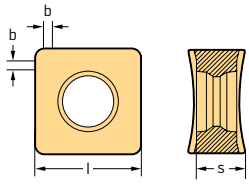
HC = Coated carbide
HW = Uncoated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



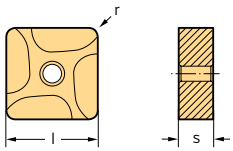
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC				M HC		K HC					N HC	N HW	S HC	
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G
	SNGX0904ZNN-F67	G	8	4.93	9.52	1	☺	😐			😐		☺		😐	☹				😐	
	SNGX1205ZNN-F67	G	8	5.8	12.7	1.2	☺	😐	😐	☹	😐	☹	☺		😐	☹	☹			😐	☹
	SNHX0904ZNN-K88	H	8	5.01	9.52	1												☺	😐		
	SNHX1205ZNN-K88	H	8	5.89	12.7	1.2												☺	😐		
	SNMX0904ZNN-F27	M	8	4.93	9.52	1		😐								☹					
	SNMX0904ZNN-F57	M	8	4.91	9.52	1	☺	😐	😐	☹	😐	☹		😐	😐	☹	☹			😐	☹
	SNMX1205ZNN-F57	M	8	5.77	12.7	1.2	☺	😐						😐	😐	☹					
	SNMX0904ZNN-F67	M	8	4.93	9.52	1					😐		☺							😐	

Ordering example for the grade WKP25S: SNGX1205ZNN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ZNN-F27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

Negative square
SNEF
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	P HC	K HC		
								WKP35G	WKK25G	WKP25S	WKP35G
	SNEF120408R-B67	E	8	4.76	12.7	0.8	2.1	☹	😐	😐	☹

Ordering example for the grade WKK25G: SNEF120408R-B67 WKK25G

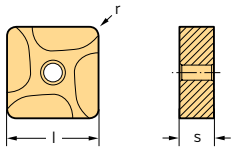
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Negative square
SNEX
Tiger·tec® Silver



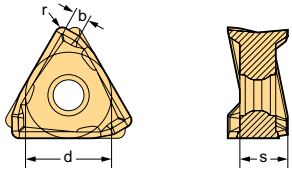
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC WKP35S	K HC WKP35S
	SNEX15T612R-B67	E	8	7.1	15.88	1.2	☹	☹

Ordering example for the grade WKP35S: SNEX15T612R-B67 WKP35S

HC = Coated carbide

Negative triangular
TNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G57	M	6	3.75	6.72	0.4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160508R-G57	M	6	5.35	9.6	0.8	1.6	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T304R-G27	M	6	3.75	6.72	0.4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T308R-G27	M	6	3.75	6.72	0.8	0.8		😐		☹	☹		☹		☹
	TNMU160508R-G27	M	6	5.35	9.6	0.8	1.6	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160512R-G27	M	6	5.35	9.6	1.2	1.3		😐		☹	☹		☹		☹
	TNMU160516R-G27	M	6	5.35	9.6	1.6	0.9		😐		☹	☹		☹		☹

Ordering example for the grade WKP25S: TNMU11T304R-G57 WKP25S
Ordering example for the grade WKP35G: TNMU11T304R-G57 WKP35G

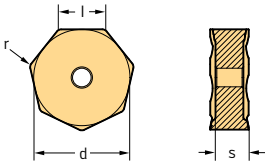
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Negative heptagonal
XNHF / XNMF
Tiger·tec® Gold



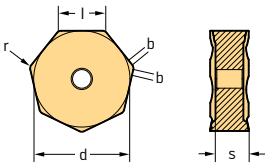
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	K WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S
	XNHF070508-D27	H	14	5	14.5	7	0.8					😐			
	XNHF090612-D27	H	14	5.68	19.05	9	1.2	😊	😐			😐	😐	😟	
	XNHF070508-D57	H	14	5	14.5	7	0.8			😐		😐			😟
	XNHF090612-D57	H	14	5.68	19.05	9	1.2	😊		😐		😐	😐		😟
	XNHF070508-D67	H	14	5	14.5	7	0.8				😐		😐		
	XNMF070508-D27	M	14	4.74	14.5	7	0.8	😊				😐	😐		
	XNMF090612-D27	M	14	5.68	19.05	9	1.2	😊	😐			😐	😐	😟	
	XNMF090612-D57	M	14	5.68	19.05	9	1.2		😐			😐		😟	
	XNMF070508-F57	M	14	4.74	14.5	7	0.8					😐			
	XNMF090612-F57	M	14	5.68	19.05	9	1.2	😊				😐	😐		

Ordering example for the grade WKK25G: XNHF070508-D27 WKK25G

HC = Coated carbide

Negative heptagonal
XNHF
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	K WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S
	XNHF0705ANN-D27	H	14	5	14.5	7	0.8	1.1	😊				😐	😐		
	XNHF0906ANN-D27	H	14	5.68	19.05	9	0.8	1.4	😊				😐	😐		

Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

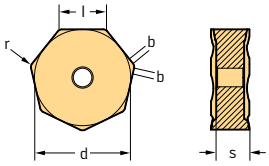
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😟 machining conditions

😊 😐 😟 / ★ = New addition to the product range

Negative heptagonal
XNHF
Tiger·tec® Gold



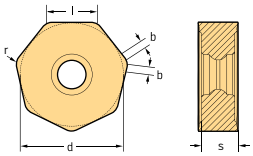
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC	P HC	P HC	K HC	K HC	K HC	K HC	K HC
									WKP25S	WKP35G	WKP35S	WAK15	WKK25G	WKP25S	WKP35G	WKP35S
	XNHF0705ANN-D57	H	14	5	14.5	7	0.8	1.1	☺	😐			😐	😐	☹	
	XNHF0906ANN-D57	H	14	5.68	19.05	9	0.8	1.4	☺	😐	😐		😐	😐	☹	☹
	XNHF0705ANN-D67	H	14	5	14.5	7	0.8	1.1				😐				

Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

HC = Coated carbide

Negative heptagonal
XNGU / XNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC	P HC	P HC	P HC	M HC	M HC	M HC	K HC	K HC	K HC	K HC	S HC	S HC	S HC
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G
	XNGU0705ANN-F57	G	14	5	14.5	6.98	0.8	1.1	☺	😐	😐	☹	😐		☹		😐	☹	☹	😐		☹
	XNMU0705ANN-F27	M	14	5	14.5	6.98	0.8	1.1	☺	😐	😐					😐	😐	☹	☹			
	XNMU0906ANN-F27	M	14	5.88	19.05	9.18	0.8	1.4		😐	😐					😐		☹	☹			
	XNMU0705ANN-F57	M	14	5	14.5	6.98	0.8	1.1	☺	😐	😐	☹	😐		☹		😐	☹	☹	😐		☹
	XNMU0906ANN-F57	M	14	5.88	19.05	9.18	0.8	1.4	☺	😐		☹	😐		☹		😐	☹		😐		☹
	XNMU0705ANN-F67	M	14	5	14.5	6.98	0.8	1.1	☺	😐			😐	☹			😐	☹		😐	☹	
	XNMU0906ANN-F67	M	14	5.88	19.05	9.18	0.8	1.4		😐				☹				☹			☹	

Ordering example for the grade WKP25S: XNGU0705ANN-F57 WKP25S
Ordering example for the grade WKP35G: XNGU0705ANN-F57 WKP35G

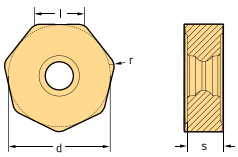
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Negative heptagonal
XNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	XNMU070508-F57	M	14	5	14.5	6.98	0.8	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹
	XNMU090612-F57	M	14	5.88	19.05	9.18	1.2	☺	😐		☹		☹	😐	☹			☹

Ordering example for the grade WKP25S: XNMU070508-F57 WKP25S
Ordering example for the grade WKP35G: XNMU070508-F57 WKP35G

HC = Coated carbide

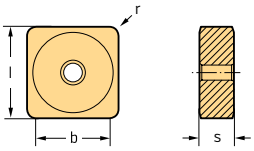
D2

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Finishing inserts
SNEF



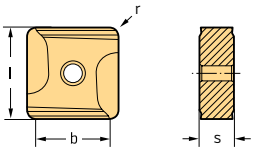
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WHH15X	H HC WHH15X
	SNEF1204PNN-A27	E	8	4.76	12.7	1.2	10.3	☺	☺

Ordering example for the grade WHH15X: SNEF1204PNN-A27 WHH15X

HC = Coated carbide

Finishing inserts
SNEX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WAK15	K HC WHH15X	H HC WHH15X
	SNEX1204PNR-B67	E	4	4.76	12.7	0.8	10.8	☺	☺	☺

Ordering example for the grade WAK15: SNEX1204PNR-B67 WAK15

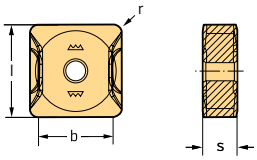
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Finishing inserts
SNEX



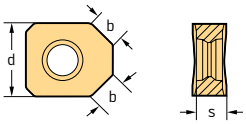
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WAK15	K HC WHH15X	H HC WHH15X
	SNEX1204PNN-A27	E	4	4.76	12.7	1.2	10.3	☻	☻	☻

Ordering example for the grade WAK15: SNEX1204PNN-A27 WAK15

HC = Coated carbide

Finishing inserts
XNGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	H HC WHH15X
	XNGX0904ANN-F67	G	2	4.68	9.52	5	☻	☻		☻			☻	☻		☻
	XNGX1205ANN-F67	G	2	5.39	12.7	4.7	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻

Ordering example for the grade WHH15X: XNGX0904ANN-F67 WHH15X
Ordering example for the grade WPM15G: XNGX0904ANN-F67 WPM15G

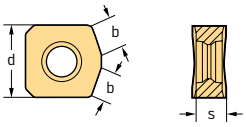
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

Finishing inserts
XNGX
Tiger·tec® Gold



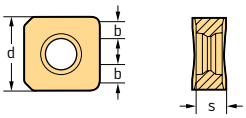
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	H HC WHH15X
	XNGX1205ENN-F67	G	2	5.42	12.7	4.5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: XNGX1205ENN-F67 WAK15
Ordering example for the grade WHH15X: XNGX1205ENN-F67 WHH15X
Ordering example for the grade WPM15G: XNGX1205ENN-F67 WPM15G

HC = Coated carbide

Finishing inserts
XNGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	H HC WHH15X
	XNGX0904ZNN-F67	G	2	4.83	9.52	3.5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	XNGX1205ZNN-F67	G	2	5.62	12.7	4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: XNGX0904ZNN-F67 WAK15
Ordering example for the grade WHH15X: XNGX0904ZNN-F67 WHH15X
Ordering example for the grade WPM15G: XNGX0904ZNN-F67 WPM15G

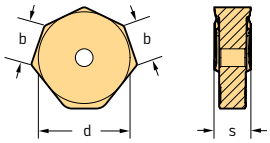
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Finishing inserts
XNHX



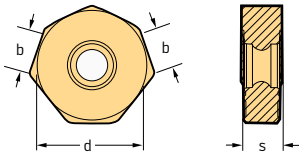
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	K HC WAK15	K HC WHH15X	H HC WHH15X
	XNHX0705ANN-D67	H	2	4.97	14.5	5.8	☺	☺	☺
	XNHX0906ANN-D67	H	2	5.57	19.05	7.5		☺	☺

Ordering example for the grade WAK15: XNHX0705ANN-D67 WAK15

HC = Coated carbide

Finishing inserts
XNGX
Tiger·tec® Gold



Indexable inserts

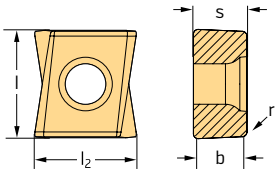
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	H HC WHH15X
	XNGX0705ANN-F67	G	2	5	14.5	5.7	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: XNGX0705ANN-F67 WAK15
Ordering example for the grade WHH15X: XNGX0705ANN-F67 WHH15X
Ordering example for the grade WPM15G: XNGX0705ANN-F67 WPM15G

HC = Coated carbide

D2

Finishing inserts
LNHX
Tiger·tec® Gold



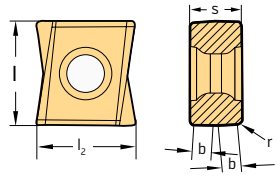
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC			M HC		K HC				H HC
									WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
	LNHX0904PDR-L55T	H	2	4.5	9	8.5	0.4	3.5	☺	☺		☺		☺	☺	☺		☺
	LNHX1306PDR-L55T	H	2	6.8	13	12	0.6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: LNHX0904PDR-L55T WAK15
Ordering example for the grade WHH15X: LNHX0904PDR-L55T WHH15X
Ordering example for the grade WPM15G: LNHX0904PDR-L55T WPM15G

HC = Coated carbide

Finishing inserts
LNHX
Tiger·tec® Gold



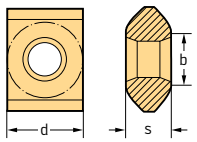
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC			M HC		K HC				H HC
									WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
	LNHX130608R-L55T	H	4	6.8	13	12	0.8	2.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: LNHX130608R-L55T WAK15
Ordering example for the grade WHH15X: LNHX130608R-L55T WHH15X
Ordering example for the grade WPM15G: LNHX130608R-L55T WPM15G

HC = Coated carbide

Finishing inserts
P45420
Tiger·tec® Gold



D 2

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC			M HC		K HC				H HC
							WHH15X	WPM15G	WXM15	WPM15G	WXM15	WHH15X	WPM15G	WXM15	WHH15X
	P45420-G67	H	4	4.76	9.52	7	☺	☺	☺	☺	☺	☺	☺	☺	☺

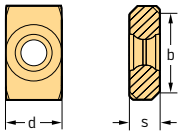
Ordering example for the grade WHH15X: P45420-G67 WHH15X
Ordering example for the grade WPM15G: P45420-G67 WPM15G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Finishing inserts
P45424



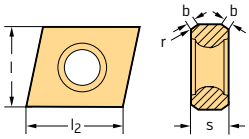
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	K HC WAK15	K HC WHH15X	H HC WHH15X
	P45424-1-G67	G	4	5	12	8	☺	☺	☺	☺
	P45424-2-G67	G	4	6.5	20	15	☺	☺	☺	☺

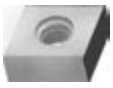
Ordering example for the grade WAK15: P45424-1-G67 WAK15

HC = Coated carbide

Tangential rhombic
CNHQ / CNHU / CNMQ / CNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35S	S HC WSM35G	S HC WSP45G
	CNHQ0805PPN-A57T	H	2	5	8	9	0.8	1.2		☹						☹		
	CNHU0805PPN-D57T	H	2	5	8	9	0.8	1.2	😐	😐	☹		😐		😐	☹		😐
	CNHU1206PPN-D57T	H	2	6.5	12	13	0.8	1.5	😐	😐	☹		😐		😐	☹		😐
	CNMQ120608T-A27T	M	2	6.5	12	13	0.8			☹						☹		
	CNMQ160812T-A27T	M	2	8	16	15	1.2			☹						☹		
	CNMQ080508-A57T	M	2	5	8	9	0.8			☹				☺		☹		
	CNMQ120608-A57T	M	2	6.5	12	13	0.8			☹						☹		
	CNMQ160812-A57T	M	2	8	16	15	1.2			☹						☹		
	CNMU080508-D57T	M	2	5	8	9	0.8		😐	😐	☹	😐	☹		😐	☹	😐	☹
	CNMU120608-D57T	M	2	6.5	12	13	0.8		😐	😐	☹		☹		😐	☹		☹
	CNMU160812-D57T	M	2	8	16	15	1.2		😐	😐	☹		☹		😐	☹		☹

Note: l_2 = width of cut

Ordering example for the grade WKP35S: CNHQ0805PPN-A57T WKP35S

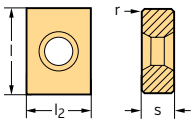
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tangential rhombic
LNMU
Tiger·tec® Gold



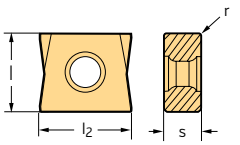
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	LNMU150812T-F27T	M	4	8	15	14	1.2	😐	😟	😟				😐	😟	😟	
	LNMU201012T-F27T	M	4	10	20	16	1.2	😐		😟				😐		😟	
	LNMU150812-F57T	M	4	8	15	14	1.2	🙂	😐	😐	😟	😟	🙂	😐	😟	😟	😟
	LNMU201012-F57T	M	4	10	20	16	1.2	🙂		😐	😟	😟		😐		😟	😟

Ordering example for the grade WKP25S: LNMU150812T-F27T WKP25S
Ordering example for the grade WKP35G: LNMU150812T-F27T WKP35G

HC = Coated carbide

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LNHU080304-B57T	H	4	3.5	8	9	0.4		😟	😟				😐		😟	😟		
	LNHU080404-B57T	H	4	4.5	8	9.4	0.4		😟	😟				😐		😟	😟		
	LNHU100508-B57T	H	4	5.5	10	12.3	0.8		😟	😟				😐		😟	😟		
	LNHU120608-B57T	H	4	6.5	12	13.9	0.8			😟				😐			😟		
	LNHU080304-F57T	H	4	3.5	8	9	0.4	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNHU080404-F57T	H	4	4.5	8	9.4	0.4	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNHU100508-F57T	H	4	5.5	10	12.3	0.8	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNHU120608-F57T	H	4	6.5	12	13.9	0.8	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNHU160812-F57T	H	4	8	16	16.9	1.2	🙂		😐	😟	😐	😟		😐		😟	😐	😟
	LNMU080404-B57T	M	4	4.5	8	9.4	0.4			😟							😟		
	LNMU100508-B57T	M	4	5.5	10	12.3	0.8			😟				😐			😟		
	LNMU120608-B57T	M	4	6.5	12	13.9	0.8		😟	😟						😟	😟		
	LNMU160812-B57T	M	4	8	16	16.9	1.2			😟							😟		
	LNMU080304-F57T	M	4	3.5	8	9	0.4		😐	😐	😟	😐	😟			😟	😟	😐	😟
	LNMU080404-F57T	M	4	4.5	8	9.4	0.4	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNMU100508-F57T	M	4	5.5	10	12.3	0.8	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNMU120608-F57T	M	4	6.5	12	13.9	0.8	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟
	LNMU160812-F57T	M	4	8	16	16.9	1.2	🙂	😐	😐	😟	😐	😟		😐	😟	😟	😐	😟

Ordering example for the grade WKK25G: LNHU080304-B57T WKK25G

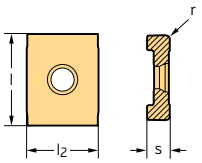
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = 😟 machining conditions

New addition to the product range = 🙂 😐 😟 / ★

Tangential rhombic
LNHX / LNMX
Tiger·tec® Gold



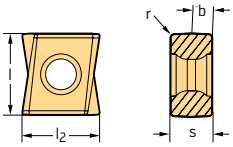
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LNHX070204-F57T	H	4	2.4	9	7	0.4	☺	☹	☺	☹	☹	☺	☹
	LNMX070204-F57T	M	4	2.4	9	7	0.4	☺		☺		☹	☺	

Ordering example for the grade WKP35S: LNHX070204-F57T WKP35S
Ordering example for the grade WSM35G: LNHX070204-F57T WSM35G

HC = Coated carbide

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	LNHU090404R-L55T	H	4	4.5	9	8.5	0.4	1.5	☺	☺	☺	☹	☺		☹	☺	☺	☺	☹	☹			☺		☹
	LNHU090408R-L55T	H	4	4.5	9	8.5	0.8	1.1	☺	☺	☺	☹	☺		☹		☺	☺	☹	☹			☺		☹
	LNHU090412R-L55T	H	4	4.5	9	8.5	1.2	0.8		☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU090416R-L55T	H	4	4.5	9	8.5	1.6			☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU090420R-L55T	H	4	4.5	9	8.5	2			☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU130608R-L55T	H	4	6.8	13	12	0.8	2.2	☺	☺	☺	☹	☺		☹	☺	☺	☺	☹	☹			☺		☹
	LNHU130612R-L55T	H	4	6.8	13	12	1.2	1.9		☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU130616R-L55T	H	4	6.8	13	12	1.6	1.5		☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU130620R-L55T	H	4	6.8	13	12	2	1.2		☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU130625R-L55T	H	4	6.8	13	12	2.5	0.7		☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU130630R-L55T	H	4	6.8	13	12	3	2.3		☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU130632R-L55T	H	4	6.8	13	12	3.2			☺	☺	☹	☺		☹				☹	☹			☺		☹
	LNHU160708R-L55T	H	4	7.2	16	15.5	0.8	2.3	☺	☺	☺	☹	☺		☹		☺	☺	☹	☹			☺		☹
	LNHU160712R-L55T	H	4	7.2	16	15.5	1.2	1.9				☹			☹										☹
	LNHU160716R-L55T	H	4	7.2	16	15.5	1.6	1.6				☹			☹										☹
	LNMU090404R-L55T	M	4	4.5	9	8.5	0.4	1.5	☺	☺	☺	☹		☹	☹		☺	☺	☹	☹				☹	☹
	LNMU130608R-L55T	M	4	6.8	13	12	0.8	2.2	☺	☺	☺	☹		☹	☹		☺	☺	☹	☹				☹	☹
	LNHU090404R-L65T	H	4	4.5	9	8.5	0.4	1.5				☹			☹										☹
	LNHU130608R-L65T	H	4	6.8	13	12	0.8	2.2				☹			☹										☹

Ordering example for the grade WAK15: LNHU090404R-L55T WAK15
Ordering example for the grade WKK25G: LNHU090404R-L55T WKK25G

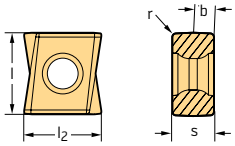
HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

D2

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



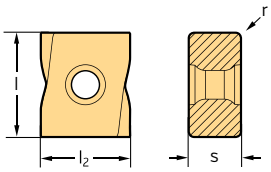
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	LNHU090404R-L85T	H	4	4.5	9	8.5	0.4	1.5													☺	😐			
	LNHU130608R-L85T	H	4	6.8	13	12	0.8	2.2													☺	😐			

Ordering example for the grade WAK15: LNHU090404R-L55T WAK15
Ordering example for the grade WKK25G: LNHU090404R-L55T WKK25G

HC = Coated carbide
HW = Uncoated carbide

Tangential rhombic
LNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	LNMX201012R-F27T	M	4	10	20	17.05	1.2		☹	☹				☹	☹	
	LNMX201012R-F57T	M	4	10	20	17.05	1.2	☺	😐	😐	☹	☹	😐	☹	☹	☹

Ordering example for the grade WKP35G: LNMX201012R-F27T WKP35G

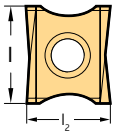
HC = Coated carbide

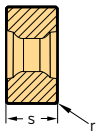
D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Tangential rhombic
LNHX
Tiger·tec® Gold





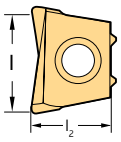
Indexable inserts

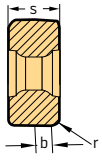
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WSP45G	M HC WSM45X	M HC WSP45G	S HC WSM45X	S HC WSP45G
	LNHX120604R-L65T	H	4	6.8	12.7	11	0.4	☹	☹	☹	☹	☹
	LNHX120604R-L65W	H	4	6.8	12.7	11	0.4		☹		☹	

Ordering example for the grade WSM45X: LNHX120604R-L65T WSM45X
Ordering example for the grade WSP45G: LNHX120604R-L65T WSP45G

HC = Coated carbide

Tangential rhombic
XNHX
Tiger·tec® Gold





Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WSP45G	M HC WSM45X	M HC WSP45G	S HC WSM45X	S HC WSP45G
	XNHX130608R-L65T	H	2	6.8	14	10.5	0.8	2	☹	☹	☹	☹	☹
	XNHX130612R-L65T	H	2	6.8	14	10.5	1.2	2	☹	☹	☹	☹	☹
	XNHX130616R-L65T	H	2	6.8	14	10.5	1.6	2	☹	☹	☹	☹	☹
	XNHX130620R-L65T	H	2	6.8	14	10.5	2	2		☹		☹	
	XNHX130624R-L65T	H	2	6.8	14	10.5	2.4	2		☹		☹	
	XNHX130630R-L65T	H	2	6.8	14	10.5	3	1.4		☹		☹	
	XNHX130632R-L65T	H	2	6.8	14	10.5	3.2	1.3	☹	☹	☹	☹	☹
	XNHX130640R-L65T	H	2	6.8	14	10.5	4	0.5	☹	☹	☹	☹	☹
	XNHX130608R-L65W	H	2	6.8	14	10.5	0.8	2		☹		☹	
	XNHX130640R-L65W	H	2	6.8	14	10.5	4	0.5		☹		☹	

Ordering example for the grade WSM45X: XNHX130608R-L65T WSM45X
Ordering example for the grade WSP45G: XNHX130608R-L65T WSP45G

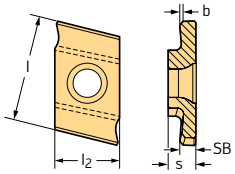
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Negative rhombic
P20200
Tiger·tec® Silver



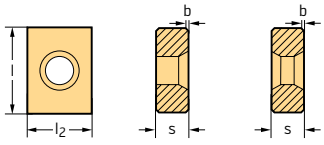
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP35S	K HC WKP35S
	P20200-1.1	H	2	2.35	9	0.1	☺	☹
	P20200-1.2	H	2	2.35	9	0.2	☺	☹
	P20200-1.3	H	2	2.35	9	0.2	☺	☹
	P20200-1.4	H	2	2.35	9	0.2	☺	☹
	P20200-1.5	H	2	2.35	9	0.2	☺	☹
	P20200-2.1	H	2	3.4	12	0.2	☺	☹
	P20200-2.2	H	2	3.4	12	0.2	☺	☹
	P20200-2.3	H	2	3.4	12	0.2	☺	☹
	P20200-3.1	H	2	5.4	18.5	0.2	☺	☹
	P20200-3.2	H	2	5.4	18.5	0.2	☺	☹
	P20200-3.3	H	2	5.4	18.5	0.2	☺	☹

Ordering example for the grade WKP35S: P20200-1.1 WKP35S

HC = Coated carbide

Tangential rhombic
P4406
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	b mm	P HC WKP35S	K HC WKP35S
	P4406-1	H	4	3.5	12.7	9.52	0.5	☹	☹
	P4406-2	H	4	4	12.7	9.52	0.5	☹	☹
	P4406-3	H	4	4.75	12.7	9.52	0.4	☹	☹
	P4406-4	H	4	5.5	12.7	9.52	0.4	☹	☹
	P4406-5	H	4	6.35	12.7	9.52	0.4	☹	☹

Ordering example for the grade WKP35S: P4406-1 WKP35S

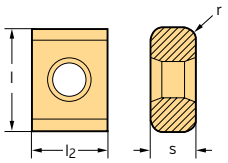
HC = Coated carbide

D 2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Tangential rhombic
P44280 / P44290
Tiger·tec® Gold



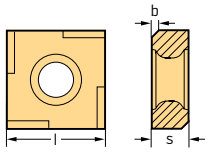
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	M HC WSM35G	K HC WKP25S	S HC WSM35G
	P44280-1R08-D57	H	8	5.5	12.7	9.52	0.8		😐		😐
	P44280-1R10-D57	H	8	5.5	12.7	9.52	1		😐		😐
	P44280-1R125-D57	H	8	5.5	12.7	9.52	1.3		😐		😐
	P44280-1R15-D57	H	8	5.5	12.7	9.52	1.5		😐		😐
	P44280-1R20-D57	H	8	5.5	12.7	9.52	2		😐		😐
	P44280-2R25-D57	H	8	6.35	12.7	9.52	2.5	😊	😐	😐	😐
	P44280-2R30-D57	H	8	6.35	12.7	9.52	3		😐		😐
	P44280-2R40-D57	H	4	6.35	12.7	9.52	4		😐		😐
	P44290-1R08-D57	M	8	5.5	12.7	9.52	0.8	😊	😐	😐	😐
	P44290-1R10-D57	M	8	5.5	12.7	9.52	1	😊		😐	
	P44290-1R125-D57	M	8	5.5	12.7	9.52	1.3	😊		😐	
	P44290-1R20-D57	M	8	5.5	12.7	9.52	2	😊		😐	
	P44290-2R25-D57	M	8	6.35	12.7	9.52	2.5	😊		😐	
	P44290-2R30-D57	M	8	6.35	12.7	9.52	3	😊	😐	😐	😐
	P44290-2R40-D57	M	4	6.35	12.7	9.52	4		😐		😐

Ordering example for the grade WSM35G: P44280-1R08-D57 WSM35G

HC = Coated carbide

Negative square
SNHQ
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP35S	K HC WAK15	K HC WKP25S	K HC WKP35S
	SNHQ1205ZZR-A57T	H	8	5	12	0.8	😵	😊	😐	😵

Ordering example for the grade WAK15: SNHQ1205ZZR-A57T WAK15

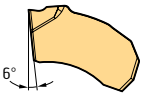
HC = Coated carbide

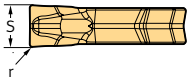
D2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😵 machining conditions

😊 😐 😵 / ★ = New addition to the product range

Slitting – cutting inserts
SX
Tiger·tec® Gold





Cutting inserts

	Designation	s mm	r mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23S	P HC WSM23G	P HC WSM33G	P HC WSM43G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP23S	N HW WK1	S HC WSM23G	S HC WSM33G	S HC WSM43G
	SX-1E150N01-SF5	1.5	0.15	±0.05	±0.1			😐			😐					😐	
	SX-2E200N02-SF5	2	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-3E300N02-SF5	3	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-4E400N02-SF5	4	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-5E500N04-SF5	5	0.4	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-1E150N01-SK8	1.5	0.1	±0.02	±0.05									😐			
	SX-2E200N02-SK8	2	0.2	±0.02	±0.05									😐			
	SX-3E300N02-SK8	3	0.2	±0.02	±0.05									😐			
	SX-4E400N02-SK8	4	0.2	±0.02	±0.05									😐			
	SX-1E150N01-CE4	1.5	0.15	±0.05	±0.1			😐			😐					😐	
	SX-2E200N02-CE4	2	0.2	±0.05	±0.1	☺	☺	😐	☹	☺	😐	☹	☺		☺	😐	☹
	SX-2E260N03-CE4	2.6	0.3	±0.05	±0.1			😐			😐					😐	
	SX-3E300N02-CE4	3	0.2	±0.05	±0.1	☺	☺	😐	☹	☺	😐	☹	☺		☺	😐	☹
	SX-3E310N03-CE4	3.1	0.3	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-4E400N02-CE4	4	0.2	±0.05	±0.1	☺	☺	😐	☹	☺	😐	☹	☺		☺	😐	☹
	SX-4E410N03-CE4	4.1	0.3	±0.05	±0.1			😐			😐					😐	
	SX-4E480N03-CE4	4.8	0.3	±0.05	±0.1			😐			😐					😐	
	SX-5E500N04-CE4	5	0.4	±0.05	±0.1	☺		😐	☹		😐	☹	☺			😐	☹
	SX-6E600N04-CE4	6	0.4	±0.05	±0.1	☺		😐	☹		😐	☹	☺			😐	☹
	SX-8E800N08-CE4	8	0.8	±0.05	±0.1	☺		😐			😐		☺			😐	
	SX-10E1000N08-CE4	10	0.8	±0.05	±0.1			😐			😐					😐	
	SX-1E150N01-CF5	1.5	0.15	±0.05	±0.1			😐			😐					😐	
	SX-2E200N02-CF5	2	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-3E300N02-CF5	3	0.2	±0.05	±0.1		☺	😐	☹	☺	😐	☹			☺	😐	☹
	SX-3E310N03-CF5	3.1	0.3	±0.05	±0.1			😐			😐					😐	
	SX-4E400N02-CF5	4	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-5E500N04-CF5	5	0.4	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-6E600N04-CF5	6	0.4	±0.05	±0.1			😐			😐					😐	
	SX-2E200N02-CF6	2	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-3E300N02-CF6	3	0.2	±0.05	±0.1			😐	☹		😐	☹				😐	☹
	SX-5E500N03-SE6	5	0.3	±0.05	±0.1			★	★								

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33G: SX-1E150N01-SF5 WSM33G

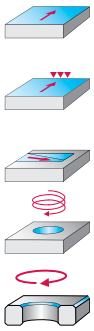
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

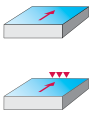
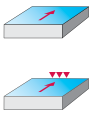
Face milling cutters

Machining								
Lead angle κ	**42°**		**42°**		**43°**		**43°**	
								
Designation	**M2026**		**M2025**		**M5004 Xtra·tec® XT**		**F2010**	
Diameter range	208.47–258.47	—	88.47–168.47	—	32–170	*1.250–6.394*	90–325	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔	✔	✔	
ScrewFit					✔	✔		
Cylindrical shank					✔	✔		
Cylindrical modular					✔			
Steep taper								
HSK								
NCT								
P Steel					●●		●●	
M Stainless steel					●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●		●●	
S Materials with difficult cutting properties					●●		●●	
H Hard materials	●		●		●		●	
O Other					●		●	
Indexable inserts								
	ONHF0504…P45424…		ONHF0504…P45424…		OD…ODHX…		OD..0605…	
Number of cutting edges	16 / 4		16 / 4		8 / 1		8	
Max. depth of cut	3		3		3 - 4		4	
Page in catalog	D 434		D 434		D 378		D 440	
QR code								
www.walter-tools.com/woc/	M2026		M2025		M5004		F2010	

WALTER SELECT ●● Primary application ● Other application

D2

Face milling cutters

Machining								
Lead angle κ	**45°**		**45°**		**45°**		**45°**	
								
Designation	**M5009 Xtra·tec® XT**		**M4003**		**M3024 Walter BLAXX**		**F4045 Xtra·tec®**	
Diameter range	50.43–174	*2.411–12.535*	29.63–173.41	*1.129–6.528*	49.8–172.86	*2.386–6.506*	72.8–172.8	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts								
	SN.X…XNGX…ANN…		SD…SDHX…		XN.U0705…XNGX0705…		XN.F0705…XN.X0705…	
Number of cutting edges	8 / 2		4 / 1		14 / 2		14 / 2	
Max. depth of cut	5 - 6		4.5 - 6.5		4 - 6		4 - 6	
Page in catalog	D 386		D 412		D 420		D 430	
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT ●● Primary application ● Other application

Face milling cutters

Machining								
Lead angle κ	**45°**		**45°**		**45°**		**45°**	
Designation	**F2010**		**F2010**		**F2010**		**F2010**	
Diameter range	90–325	—	94–329	—	94–329	—	90–325	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●		●●			
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials			●		●			
O Other			●		●			
Indexable inserts	XN.U0705…		SD..1204AZN…		SN.X1205…		ODHX0605ZZN…	
Number of cutting edges	14		4		8		8	
Max. depth of cut	4		6		6.5		2	
Page in catalog	D 448		D 444		D 446		D 442	
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		F2010	

WALTER SELECT

●● Primary application ● Other application

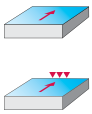
D2

Face milling cutters

Machining								
Lead angle κ	**60°**		**60°**		**75°**		**88°**	
								
Designation	**M3016 Walter BLAXX**		**F2260**		**M5011 Xtra·tec® XT**		**M5012 Xtra·tec® XT**	
Diameter range	143.6–333.6	—	113–263	—	55.5–165.5	—	40–160	*2.000–6.000*
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔		✔	✔
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●		●●		●●	
M Stainless steel	●				●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals							●●	
S Materials with difficult cutting properties	●				●●		●●	
H Hard materials					●		●	
O Other					●		●	
Indexable inserts								
	LNMX2010…		LNMU1508…		SN.X1205…XNGX1205ENN…		SN.X…XNGX….ZNN…	
Number of cutting edges	4		4		8 / 2		8 / 2	
Max. depth of cut	16		11		8		8 - 10	
Page in catalog	D 428		D 438		D 398		D 402	
QR code								
www.walter-tools.com/woc/	M3016		F2260		M5011		M5012	

WALTER SELECT ●● Primary application ● Other application

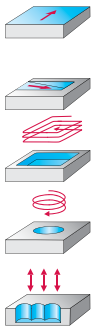
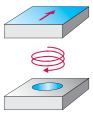
Face milling cutters

Machining		
Lead angle κ	**90°**	**90°**
		
Designation	**F2250**	**F2010**
Diameter range	63–100 —	80–315 —
Boring bar/adaptor type		
DIN 1835 B		
Cylindrical bore DIN 138	✔	✔
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT		
P Steel		●●
M Stainless steel		●
K Cast iron		●●
N NF metals	●●	
S Materials with difficult cutting properties		
H Hard materials		●
O Other		
Indexable inserts	 SP..1204...	 P2903..
Number of cutting edges	1	3
Max. depth of cut	3	9
Page in catalog	D 436	D 450
QR code		
www.walter-tools.com/woc/	F2250	F2010

WALTER SELECT ●● Primary application ● Other application

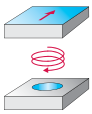
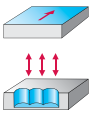
D2

High-feed milling cutters

Machining								
Lead angle κ	**15°**		**15°**		**15°**		**15°**	
								
Designation	**M5008 Xtra·tec® XT**		**M4002**		**F2330**		**F2010**	
Diameter range	16–66	*0.625–3.000*	20–125	*0.750–4.000*	20–85	*0.750–4.000*	93–328	—
Boring bar/adaptor type								
DIN 1835 B						✔		
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔	✔	✔	✔	✔	✔		
Cylindrical shank	✔	✔	✔	✔	✔	✔		
Cylindrical modular	✔		✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●				●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●				●	
O Other								
Indexable inserts								
	EN.X08T3...		SD...SD.X...		P263...		SD..1204...SD.X1205...	
Number of cutting edges	4		4 / 4		3		4 / 4	
Max. depth of cut	1		1 - 2		1 - 2		2	
Page in catalog	D 454		D 460		D 468		D 444	
QR code								
www.walter-tools.com/woc/	M5008		M4002		F2330		F2010	

WALTER SELECT ●● Primary application ● Other application

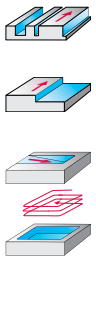
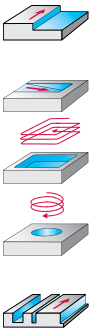
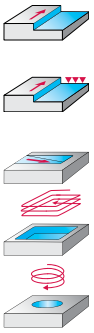
High-feed milling cutters

Machining				
Lead angle κ	**15°**		**21°**	
				
Designation	**F2010**		**F4030 Xtra·tec®**	
Diameter range	87–322.15	—	25–100	*1.000–4.000*
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✔		✔	✔
ScrewFit			✔	✔
Cylindrical shank			✔	✔
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●		●●	
M Stainless steel	●●		●●	
K Cast iron	●●		●●	
N NF metals				
S Materials with difficult cutting properties	●●		●●	
H Hard materials				
O Other				
Indexable inserts				
	P263...		P23696...	
Number of cutting edges	3		6	
Max. depth of cut	2		1 - 2	
Page in catalog	D 472		D 464	
QR code				
www.walter-tools.com/woc/	F2010		F4030	

WALTER SELECT ●● Primary application ● Other application

D2

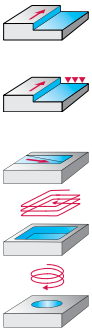
Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**M5250 Xtra·tec® XT**		**M5137 Xtra·tec® XT**		**M5130 Xtra·tec® XT**		**M2331**	
Diameter range	50–80	*2.000–3.000*	25–160	*1.000–6.000*	10–160	*0.500–6.000*	40–50	*2.000*
Boring bar/adaptor type								
DIN 1835 B			✔	✔	✔	✔		
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit					✔	✔		
Cylindrical shank					✔	✔		
Cylindrical modular					✔			
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●		●●			
K Cast iron	●●		●●		●●			
N NF metals	●●				●●		●●	
S Materials with difficult cutting properties	●●		●		●●			
H Hard materials					●●			
O Other	●				●		●	
Indexable inserts								
	BC..1605..SC..1105..		TNMU...		AC... / BC...		ZDGT..A...	
Number of cutting edges	2 / 4		6		2		2	
Max. depth of cut	43 - 80		5 - 8		5 - 15		15 - 20	
Page in catalog	D 580		D 502		D 478		D 520	
QR code								
www.walter-tools.com/woc/	M5250		M5137		M5130		M2331	

WALTER SELECT ●● Primary application ● Other application

D2

Shoulder milling cutters

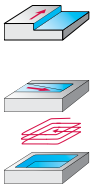
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**M2136**		**M2131**		**F5241 Walter BLAXX**		**F5141 Walter BLAXX**	
Diameter range	50–160	—	25–80	*1.000–3.000*	50–160	—	40–160	*1.500–6.000*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Cylindrical bore DIN 138	✔		✔	✔	✔		✔	✔
ScrewFit			✔	✔			✔	✔
Cylindrical shank			✔	✔			✔	
Cylindrical modular								
Steep taper								
HSK			✔					
NCT								
P Steel					●●		●●	
M Stainless steel					●●		●●	
K Cast iron	●●				●●		●●	
N NF metals			●●		●●		●●	
S Materials with difficult cutting properties					●●		●●	
H Hard materials					●		●	
O Other			●		●		●	
Indexable inserts								
	SNEF1204…SNEX1204…		ZDGT…		LN.U1607…		LN.U1306…LNHX1306…	
Number of cutting edges	8 / 4		2		4		4 / 4	
Max. depth of cut	6.5		15 - 20		15		12	
Page in catalog	D 524		D 516		D 536		D 532	
QR code								
www.walter-tools.com/woc/	M2136		M2131		F5241		F5141	

WALTER SELECT

●● Primary application ● Other application

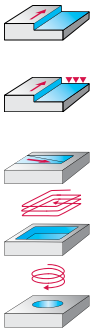
D2

Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F5041 Walter BLAXX**		**F5138 Walter BLAXX**		**F5038 Walter BLAXX**		**F4338 Xtra·tec®**	
Diameter range	25–63	*1.000–2.000*	40–80	*1.500–2.500*	25–40	—	63–80	—
Boring bar/adaptor type								
DIN 1835 B	✔	✔		✔	✔			
Cylindrical bore DIN 138	✔	✔	✔	✔			✔	
ScrewFit	✔	✔	✔		✔			
Cylindrical shank	✔	✔						
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●			
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●							
O Other	●		●		●			
Indexable inserts								
	LN.U0904…LNHX0904…		LN.U1306…		LN.U0904…		AD..1807…	
Number of cutting edges	4 / 4		4		4		2	
Max. depth of cut	8		34 - 56		32 - 40		47 - 78	
Page in catalog	D 526		D 576		D 574		D 596	
QR code								
www.walter-tools.com/woc/	F5041		F5138		F5038		F4338	

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters

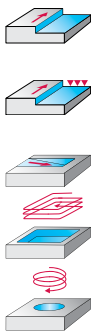
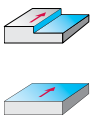
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4238 Xtra·tec®**		**F4138 Xtra·tec®**		**F4038 Xtra·tec®**		**F4042 Xtra·tec®**	
Diameter range	40–80	*1.500–3.000*	32–63	*1.250–2.000*	20–32	*0.750–1.000*	63–160	—
Boring bar/adaptor type								
DIN 1835 B		✔	✔	✔	✔	✔		
Cylindrical bore DIN 138	✔	✔	✔	✔			✔	
ScrewFit	✔		✔	✔	✔			
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT	✔		✔					
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials							●	
O Other	●		●		●		●	
Indexable inserts								
	AD..1606…		AD..1204…		AD..0803…		AD..1807…	
Number of cutting edges	2		2		2		2	
Max. depth of cut	29 - 99		33 - 54		22 - 37		16.7	
Page in catalog	D 592		D 588		D 584		D 546	
QR code								
www.walter-tools.com/woc/	F4238		F4138		F4038		F4042	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

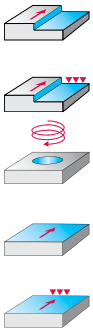
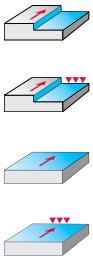
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4042R Xtra·tec®**		**F4041 Xtra·tec®**		**F2338F**		**F2010**	
Diameter range	16–63	*0.625–2.000*	40–125	*1.500–4.000*	63–85	—	80–315	*3.000–12.000*
Boring bar/adaptor type								
DIN 1835 B	✔	✔	✔					
Cylindrical bore DIN 138	✔	✔	✔	✔	✔		✔	✔
ScrewFit	✔	✔	✔	✔				
Cylindrical shank	✔	✔						
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●		●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●		●	
H Hard materials	●		●					
O Other	●		●					
Indexable inserts								
	AD..10T3...ADGX10T3...		LN.X1307...		SP..1206...		TNMU1605..	
Number of cutting edges	2 / 2		4		4		6	
Max. depth of cut	10		13		48 - 70		8	
Page in catalog	D 542		D 538		D 598		D 570	
QR code								
www.walter-tools.com/woc/			F4041		F2338F		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

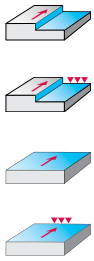
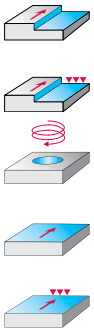
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2010**		**F2010**		**F2010**		**F2010**	
Diameter range	80–315	*3.000–12.000*	80–315	*3.000–12.000*	80–315	—	80–315	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔	✔	✔	✔	✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●		●		●		●	
O Other	●		●		●		●	
Indexable inserts								
	BC..1605…		BC..1204…		LN.U1306…		LN.U0904…	
Number of cutting edges	2		2		4		4	
Max. depth of cut	15		11.7 - 11.7		12		8	
Page in catalog	D 562		D 558		D 556		D 554	
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

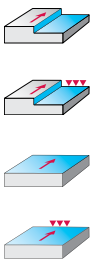
Machining								
Lead angle κ	**90°**		**90°**		**90°**	**89.75°**		
								
Designation	**F2010**		**F2010**		**F2010**	**M4132**		
Diameter range	80–315	—	80–315	—	80–315	—	16–125	*0.625–3*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Cylindrical bore DIN 138	✔		✔		✔		✔	✔
ScrewFit							✔	
Cylindrical shank								
Cylindrical modular							✔	
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●	●●		
M Stainless steel	●●		●●		●●	●●		
K Cast iron	●●		●●		●●	●●		
N NF metals	●●		●●		●●	●●		
S Materials with difficult cutting properties	●●		●●		●●	●●		
H Hard materials	●		●		●	●		
O Other	●		●		●	●		
Indexable inserts								
	LN.X1307…		AD..1606…		AD..1204…	SD…		
Number of cutting edges	4		2		2	4		
Max. depth of cut	13		15		11.7	5.6 - 11.6		
Page in catalog	D 552		D 550		D 548	D 512		
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010	M4132		

WALTER SELECT

●● Primary application ● Other application

D2

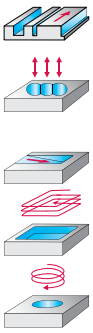
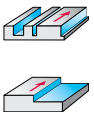
Shoulder milling cutters

Machining				
Lead angle κ	**89.5°**		**89.5°**	
				
Designation	**F2010**		**F2010**	
Diameter range	80–315	—	80–315	—
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✔		✔	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●		●●	
M Stainless steel	●●		●●	
K Cast iron	●●		●●	
N NF metals	●●		●●	
S Materials with difficult cutting properties	●●		●●	
H Hard materials	●		●	
O Other	●		●	
Indexable inserts				
	SD..1204...		SD..09T3...	
Number of cutting edges	4		4	
Max. depth of cut	11.6		8.4	
Page in catalog	D 444		D 566	
QR code				
www.walter-tools.com/woc/	F2010		F2010	

WALTER SELECT ●● Primary application ● Other application

D2

Slot milling cutters

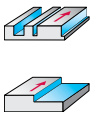
Machining				
Lead angle κ	**90°**	**90°**	**90°**	**90°**
				
Designation	**M4792**	**M4791**	**M4258**	**M4257**
Diameter range	17.9–39.9 / *0.750–1.500*	— / *0.750–1.500*	50–100 / *3.000–4.000*	40–63 / *1.500–2.000*
Boring bar/adaptor type				
DIN 1835 B	✔ / ✔	/ ✔		✔ / ✔
Cylindrical bore DIN 138			✔ / ✔	✔ / ✔
ScrewFit				✔
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals		●●		
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials		●		
O Other				
Indexable inserts				
	LD… SD…	SD…	LD..1704… SD..1204…	LD..14T3… SD…09T3…
Number of cutting edges	2 / 4	4	2 / 4	2 / 4
Max. depth of cut	8.3 - 26.9	5.6 - 11.6	25 - 118	47 - 54
Cutting width SB [mm]				
Page in catalog	D 602	D 600	D 608	D 608
QR code				
www.walter-tools.com/woc/	M4792	M4791	M4258	M4257

D 2

WALTER SELECT

●● Primary application ● Other application

Slot milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**M4256**		**M3255 Walter BLAXX**		**F5055 Walter BLAXX**		**F4253 Xtra·tec®**	
Diameter range	20–32	—	50–80	*2.000–3.000*	63–500	—	100–315	—
Boring bar/adaptor type								
DIN 1835 B	✔							
Cylindrical bore DIN 138			✔	✔	✔		✔	
ScrewFit	✔							
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●				●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●				●●		●●	
N NF metals					●●			
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								
Indexable inserts								
	LD..08T2... SD..06T2...		XNHX1306... LNHX1206...		SX...		LN.U...	
Number of cutting edges	2 / 4		2 / 4		1		4	
Max. depth of cut	27 - 37		46 - 80		—		—	
Cutting width SB [mm]					1.5–5		12–25	
Page in catalog	D 608		D 618		D 642		D 640	
QR code								
www.walter-tools.com/woc/	M4256		M3255		F5055		F4253	

WALTER SELECT ●● Primary application ● Other application

D 2

Slot milling cutters

Machining			 					
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4153 Xtra·tec®**		**F4053 Xtra·tec®**		**F2252**		**F2252**	
Diameter range	80–200	*3.000–6.000*	80–160	—	125–200	—	125–200	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔	✔	✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other					●		●	
Indexable inserts								
	LN.U…		LN.X0702…		AD..1606…		AD..1204…	
Number of cutting edges	4		4		2		2	
Max. depth of cut	—		—		—		—	
Cutting width SB [mm]	6–10		4		22		16–19	
Page in catalog	D 634		D 632		D 626		D 624	
QR code								
www.walter-tools.com/woc/	F4153		F4053		F2252		F2252	

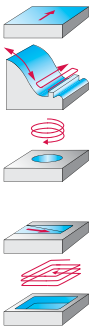
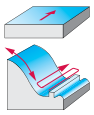
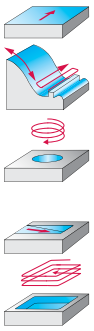
WALTER SELECT ●● Primary application ● Other application

Slot milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2252**		**F2252**		**F2252**		**F2252**	
Diameter range	100–160	—	125–200	—	100–160	—	80–160	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other	●		●		●		●	
Indexable inserts								
	AD..0803...		MP..1204.... P2905..		MP..0803... P2905..		MP..0603... P2905..	
Number of cutting edges	2		2 / 4		2 / 4		2 / 4	
Max. depth of cut	—		—		—		—	
Cutting width SB [mm]	12–14		16–22		10–14		8–9	
Page in catalog	D 622		D 628		D 628		D 628	
QR code								
www.walter-tools.com/woc/	F2252		F2252		F2252		F2252	

WALTER SELECT ●● Primary application ● Other application

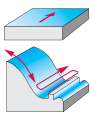
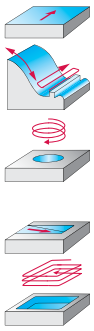
Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**M5468 Xtra·tec® XT**		**M5460 Xtra·tec® XT**		**M2473**		**M2472**	
Diameter range	10–160	*1.000–5.000*	8–32	*0.375–1.000*	40–63	—	32–50	—
Boring bar/adaptor type								
DIN 1835 B	✔	✔	✔	✔				
Cylindrical bore DIN 138	✔	✔			✔		✔	
ScrewFit	✔	✔	✔		✔		✔	
Cylindrical shank			✔	✔				
Cylindrical modular	✔		✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●					
M Stainless steel	●●		●●					
K Cast iron	●●		●●					
N NF metals	●●							
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●●					
O Other	●		●					
Indexable inserts								
	RD.X... / RO.X...		P32...		RNGN1207...WIS..		RPGN1204...WIS..	
Number of cutting edges	4 / 8		1		8		4	
Max. depth of cut	2.5 - 10		4 - 16		6		6	
Page in catalog	D 646		D 694		D 676		D 674	
QR code								
www.walter-tools.com/woc/	M5468		M5460		M2473		M2472	

WALTER SELECT ●● Primary application ● Other application

D 2

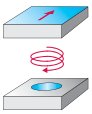
Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**M2471**		**F2339**		**F2334R**		**F2239**	
Diameter range	25–63	—	16–50	*0.625–2.000*	25–80	*1.250–2.500*	20–63	—
Boring bar/adaptor type								
DIN 1835 B			✔	✔			✔	
Cylindrical bore DIN 138	✔				✔	✔		
ScrewFit	✔		✔	✔	✔	✔	✔	
Cylindrical shank	✔				✔	✔		
Cylindrical modular			✔					
Steep taper								
HSK								
NCT							✔	
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron			●●		●●		●●	
N NF metals								
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials			●					
O Other								
Indexable inserts								
	RN.X…		XD.T…SP…		RO.X…		SP…	
Number of cutting edges	8		2 / 4		4		4	
Max. depth of cut	5 - 6		11 - 57		5 - 6		15 - 84	
Page in catalog	D 672		D 700		D 678		D 698	
QR code								
www.walter-tools.com/woc/	M2471		F2339		F2334R		F2239	

WALTER SELECT ●● Primary application ● Other application

D2

Copy milling cutters

Machining						
Lead angle κ						
						
Designation	**F2010**		**F2010**		**F2010**	
Diameter range	83–318	*3.122–12.118*	83–318	*3.118–12.118*	83.3–318.3	—
Boring bar/adaptor type						
DIN 1835 B						
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	
ScrewFit						
Cylindrical shank						
Cylindrical modular						
Steep taper						
HSK						
NCT						
P Steel	●●		●●		●●	
M Stainless steel	●●		●●		●●	
K Cast iron	●●		●●		●●	
N NF metals	●●		●●			
S Materials with difficult cutting properties	●●		●●		●●	
H Hard materials	●●		●●		●	
O Other	●		●			
Indexable inserts						
	RO.X1204M08...		RO.X1605M08...		RO.X1605...	
Number of cutting edges	8		8		6	
Max. depth of cut	6		8		8	
Page in catalog	D 686		D 682		D 682	
QR code						
www.walter-tools.com/woc/	F2010		F2010		F2010	

D 2

WALTER SELECT

●● Primary application ● Other application

Profiling cutters

Machining				
Lead angle κ	**30°**	**45°**	**60°**	**90°**
				
Designation	**M4574**	**M4574**	**M4574**	**M4575**
Diameter range	8–20 / *0.750*	8–40 / *0.500–1.500*	8–20 / *0.750*	20.5–49.5 / *0.778–1.821*
Boring bar/adaptor type				
DIN 1835 B				✔ / ✔
Cylindrical bore DIN 138				
ScrewFit		✔		
Cylindrical shank	✔ / ✔	✔ / ✔	✔ / ✔	
Cylindrical modular		✔		
Steep taper				
HSK				
NCT				
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials				
O Other				
Indexable inserts	 SD…	 SD…	 SD…	 SD…
Number of cutting edges	4	4	4	4
Max. depth of cut	2.7 - 4	3.5 - 7.5	4.8 - 6.8	—
Page in catalog	D 708	D 706	D 710	D 718
QR code				
www.walter-tools.com/woc/	M4574	M4574	M4574	M4575

WALTER SELECT ●● Primary application ● Other application

Profiling cutters

Machining			
Lead angle κ	**90°**		
			
Designation	**F2036**		
Diameter range	16–63	—	
Boring bar/adaptor type			
DIN 1835 B	✔		
Cylindrical bore DIN 138			
ScrewFit			
Cylindrical shank			
Cylindrical modular			
Steep taper			
HSK			
NCT	✔		
P Steel	●●		
M Stainless steel			
K Cast iron	●●		
N NF metals			
S Materials with difficult cutting properties			
H Hard materials			
O Other			
Indexable inserts	 P20200…		
Number of cutting edges	2		
Max. depth of cut	—		
Page in catalog	D 722		
QR code			
www.walter-tools.com/woc/	F2036		

WALTER SELECT ●● Primary application ● Other application

Octagonal face milling cutters

M5004 mm

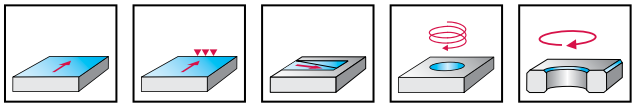
OD .. 0504 ..; ODHX0504ZZR

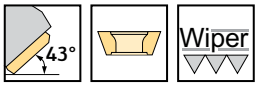
Xtra·tec® XT





– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
ScrewFit											
M5004-032-T28-02-03	24	32	28	40		3	8	2	0.16	2	OD .. 0504 .. ODHX0504ZZR
M5004-040-T36-03-03	32	40	36	40		3	8	3	0.3	3	
Cylindrical modular											
M5004-032-TC16-02-03	24	32	28	40		3	8	2	0.15	2	OD .. 0504 .. ODHX0504ZZR
Cylindrical shank											
M5004-032-A20-02-03	24	32	20	35	110	3	8	2	0.25	2	OD .. 0504 .. ODHX0504ZZR
M5004-032-A25-02-03	24	32	25	35	150	3	8	2	0.51	2	
M5004-040-A20-03-03	32	40	20	35	110	3	8	3	0.28	3	
M5004-040-A25-03-03	32	40	25	35	150	3	8	3	0.59	3	
Shell mill mount DIN 138 transverse keyway											
M5004-050-B16-04-03	42	50	16	40		3	8	4	0.38	4	OD .. 0504 .. ODHX0504ZZR
M5004-050-B16-05-03	42	50	16	40		3	8	5	0.37	5	
M5004-052-B22-04-03	44	52	22	45		3	8	4	0.36	4	
M5004-052-B22-05-03	44	52	22	40		3	8	5	0.35	5	
M5004-058-B16-04-03	50	58	16	40		3	8	4	0.51	4	
M5004-058-B16-05-03	50	58	16	40		3	8	5	0.53	5	
M5004-063-B22-05-03	55	63	22	40		3	8	5	0.4	5	
M5004-063-B22-06-03	55	63	22	40		3	8	6	0.4	6	
M5004-063-B22-07-03	55	63	22	40		3	8	7	0.61	7	
M5004-066-B27-06-03	58	66	27	50		3	8	6	0.69	6	
M5004-066-B27-07-03	58	66	27	50		3	8	7	0.6	7	
M5004-071-B22-06-03	63	71	22	40		3	8	6	0.72	6	

Bodies and assembly parts are included in the scope of delivery

D 2

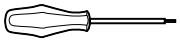
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

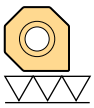
Assembly parts

	D_c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	24	32	42–117
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M			K							N		S			H
							HC					HC		CN	HC						HC	HW	HC			HC
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
	ODHT050408-F57	H	8	0.8				☻	☻	☹			☹						☹	☹					☹	
	ODHW050412-A57	H	8	1.2										☻												
	ODMT050408-D57	M	8	0.8				☻	☻	☹	☻		☹				☻		☹	☹			☻		☹	
	ODMW050408-A57	M	8	0.8			☻		☹						☻		☻	☻		☹						
	ODMW050408T-A27	M	8	0.8			☻	☹	☹								☻	☻	☹	☹						
	ODHT0504ZZN-F57	H	8	0.8	1.2		☻	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHT0504ZZN-G77	H	8	0.8	1.6					☻			☻												☻	
	ODHT0504ZZN-G88	H	8	0.8	1.2																☻	☻				
	ODHW0504ZZN-A57	H	8	0.8	1.2		☻	☹	☹						☻			☻	☹	☹						
	ODMT0504ZZN-D57	M	8	0.8	1.2		☻	☻	☻	☹	☻	☹	☹				☻	☻	☹	☹			☻	☹	☹	
	ODMT0504ZZN-F57	M	8	0.8	1.2		☻	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHX0504ZZR-A57	H	1	0.8	7.2	☻			☹						☻	☻				☹						☻

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Octagonal face milling cutters

M5004 mm

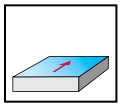
OD .. 0504 ..; ODHX0504ZZR

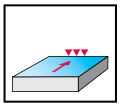
Xtra·tec® XT

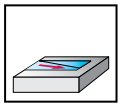


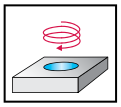


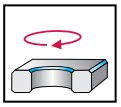
– 8 cutting edges per indexable insert











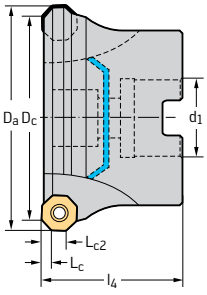






	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-071-B22-07-03	63	71	22	40		3	8	7	0.7	7	OD .. 0504 .. ODHX0504ZZR
M5004-080-B27-06-03	72	80	27	50		3	8	6	0.88	6	
M5004-080-B27-07-03	72	80	27	50		3	8	7	1.16	7	
M5004-080-B27-08-03	72	80	27	50		3	8	8	0.91	8	
M5004-088-B27-07-03	80	88	27	50		3	8	7	1.05	7	
M5004-088-B27-08-03	80	88	27	50		3	8	8	1.07	8	
M5004-100-B32-08-03	92	100	32	50		3	8	8	1.59	8	
M5004-100-B32-10-03	92	100	32	50		3	8	10	1.57	10	
M5004-108-B32-08-03	100	108	32	50		3	8	8	1.77	8	
M5004-108-B32-10-03	100	108	32	50		3	8	10	2.76	10	
M5004-125-B40-10-03	117	125	40	63		3	8	10	3.07	10	
M5004-125-B40-12-03	117	125	40	63		3	8	12	4	12	

Bodies and assembly parts are included in the scope of delivery

D 2

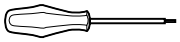
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

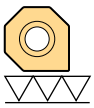
Assembly parts

	D_c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	24	32	42–117
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M			K							N		S			H
							HC					HC		CN	HC						HC	HW	HC			HC
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
	ODHT050408-F57	H	8	0.8				☺	☺	☹			☹						☹	☹					☹	
	ODHW050412-A57	H	8	1.2										☺												
	ODMT050408-D57	M	8	0.8				☺	☺	☹	☺		☹				☺		☹	☹			☺		☹	
	ODMW050408-A57	M	8	0.8			☺		☺						☺		☺	☺		☹						
	ODMW050408T-A27	M	8	0.8			☺	☹	☺								☺	☺	☹	☹						
	ODHT0504ZZN-F57	H	8	0.8	1.2		☺	☺	☺	☹	☺		☹					☺	☹	☹			☺		☹	
	ODHT0504ZZN-G77	H	8	0.8	1.6					☺			☺												☺	
	ODHT0504ZZN-G88	H	8	0.8	1.2																☺	☺				
	ODHW0504ZZN-A57	H	8	0.8	1.2		☺	☹	☺						☺			☺	☹	☹						
	ODMT0504ZZN-D57	M	8	0.8	1.2		☺	☺	☺	☹	☺	☹	☹				☺	☺	☹	☹			☺	☹	☹	
	ODMT0504ZZN-F57	M	8	0.8	1.2		☺	☺	☺	☹	☺		☹					☺	☹	☹			☺		☹	
	ODHX0504ZZR-A57	H	1	0.8	7.2	☺			☹						☺	☺				☹						☺

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Octagonal face milling cutters

M5004 inch

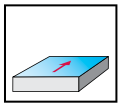
OD .. 0504 ..; ODHX0504ZZR

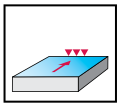
Xtra·tec® XT

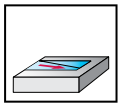


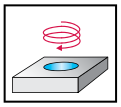


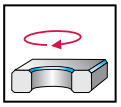
– 8 cutting edges per indexable insert









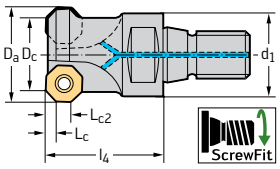
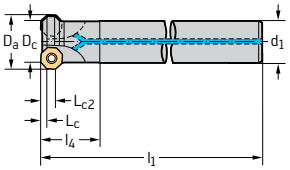
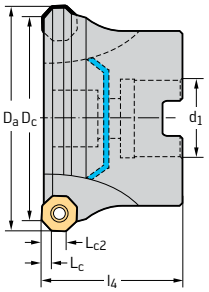








	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	L_{c2} inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5004,031-T28-02-03	0.935	1.250	1.102	1.575		0.118	0.315	2	0.359	2	OD .. 0504 .. ODHX0504ZZR
	M5004,038-T36-03-03	1.185	1.500	1.417	1.575		0.118	0.315	3	0.619	3	
 Cylindrical shank	M5004,038-A26-03-03	1.185	1.500	1.000	1.500	6.000	0.118	0.315	3	1.219	3	OD .. 0504 .. ODHX0504ZZR
	M5004,046-A31-03-03	1.500	1.815	1.250	1.750	10.000	0.118	0.315	3	3.263	3	
 Shell mill mount DIN 138 transverse keyway	M5004,059-B19-04-03	2.000	2.315	0.750	1.575		0.118	0.315	4	0.769	4	OD .. 0504 .. ODHX0504ZZR
	M5004,059-B19-05-03	2.000	2.315	0.750	1.575		0.118	0.315	5	0.778	5	
	M5004,072-B19-06-03	2.500	2.815	0.750	1.575		0.118	0.315	6	1.054	6	
	M5004,072-B19-07-03	2.500	2.815	0.750	1.575		0.118	0.315	7	1.032	7	
	M5004,076-B26-07-03	2.685	3.000	1.000	1.575		0.118	0.315	7	1.400	7	
	M5004,084-B26-07-03	3.000	3.315	1.000	1.575		0.118	0.315	7	1.625	7	
	M5004,084-B26-08-03	3.000	3.315	1.000	1.575		0.118	0.315	8	1.731	8	

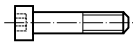
Bodies and assembly parts are included in the scope of delivery

D 2

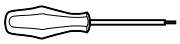
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

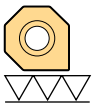
Assembly parts

	D_c [inch]	0.935–1.5	2–2.5	2.685–3
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 2.213 lbs	FS2119 (T15IP) 2.213 lbs	FS2119 (T15IP) 2.213 lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	0.935	1.185	1.5–3
	Torque screwdriver, analog	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P					M			K							N		S				H
							HC					HC		CN	HC						HC	HW	HC				HC
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
	ODHT050408-F57	H	8	0.031				☻	☻	☹			☹						☹	☹					☹	
	ODHW050412-A57	H	8	0.047										☻												
	ODMT050408-D57	M	8	0.031				☻	☻	☹	☻		☹				☻		☹	☹			☻		☹	
	ODMW050408-A57	M	8	0.031			☻		☹						☻		☻	☻		☹						
	ODMW050408T-A27	M	8	0.031			☻	☹	☹								☻	☻	☹	☹						
	ODHT0504ZZN-F57	H	8	0.031	0.047		☻	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHT0504ZZN-G77	H	8	0.031	0.063					☻			☻												☻	
	ODHT0504ZZN-G88	H	8	0.031	0.047																☻	☻				
	ODHW0504ZZN-A57	H	8	0.031	0.047		☻	☹	☹						☻			☻	☹	☹						
	ODMT0504ZZN-D57	M	8	0.031	0.047		☻	☻	☻	☹	☻	☹	☹				☻	☻	☹	☹			☻	☹	☹	
	ODMT0504ZZN-F57	M	8	0.031	0.047		☻	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHX0504ZZR-A57	H	1	0.031	0.283	☻			☹						☻	☻				☹						☻

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Octagonal face milling cutters

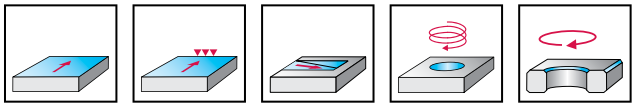
M5004 mm

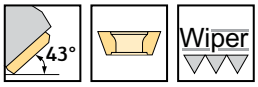
OD .. 0605 ..; ODHX0605ZZR

Xtra·tec® XT



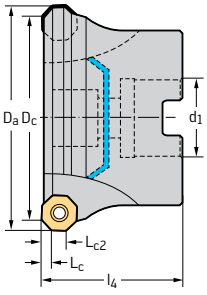
– 8 cutting edges per indexable insert





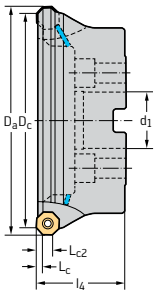
	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-050-B16-03-04	40	50	16	40	4	10	3	0.19	3	OD .. 0605 .. ODHX0605ZZR
M5004-052-B22-03-04	42	52	22	45	4	10	3	0.29	3	
M5004-060-B16-03-04	50	60	16	40	4	10	3	0.29	3	
M5004-063-B22-04-04	53	63	22	40	4	10	4	0.38	4	
M5004-063-B22-05-04	53	63	22	40	4	10	5	0.34	5	
M5004-063-B22-06-04	53	63	22	40	4	10	6	0.36	6	
M5004-066-B27-05-04	56	66	27	50	4	10	5	0.63	5	
M5004-066-B27-06-04	56	66	27	50	4	10	6	0.83	6	
M5004-073-B22-05-04	63	73	22	40	4	10	5	0.48	5	
M5004-073-B22-06-04	63	73	22	40	4	10	6	0.69	6	
M5004-080-B27-05-04	70	80	27	50	4	10	5	0.85	5	
M5004-080-B27-06-04	70	80	27	50	4	10	6	1.08	6	
M5004-080-B27-07-04	70	80	27	50	4	10	7	0.82	7	
M5004-090-B27-06-04	80	90	27	50	4	10	6	1.1	6	
M5004-090-B27-07-04	80	90	27	50	4	10	7	0.99	7	
M5004-100-B32-07-04	90	100	32	50	4	10	7	1.46	7	
M5004-100-B32-09-04	90	100	32	50	4	10	9	1.43	9	
M5004-110-B32-07-04	100	110	32	50	4	10	7	2.35	7	
M5004-110-B32-09-04	100	110	32	50	4	10	9	1.69	9	
M5004-125-B40-08-04	115	125	40	63	4	10	8	2.79	8	
M5004-125-B40-10-04	115	125	40	63	4	10	10	2.8	10	
M5004-135-B40-08-04	125	135	40	63	4	10	8	3.18	8	
M5004-135-B40-10-04	125	135	40	63	4	10	10	3.99	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-160-B40-09-04	150	160	40	63	4	10	9	4.46	9	OD .. 0605 .. ODHX0605ZZR
M5004-160-B40-11-04	150	160	40	63	4	10	11	4.22	11	
M5004-170-B40-09-04	160	170	40	63	4	10	9	4.71	9	
M5004-170-B40-11-04	160	170	40	63	4	10	11	4.66	11	

Bodies and assembly parts are included in the scope of delivery

D 2

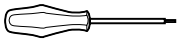
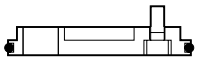
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

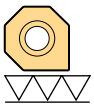
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	40–125	150–160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Sealing disc set (incl. gasket + screw)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ODHT060512-F57	H	8	1.2				☻	☻	☹			☹						☹	☹					☹	
	ODHW060516-A57	H	8	1.6										☺												
	ODMT060512-D57	M	8	1.2				☻	☻	☹	☻		☹				☻		☹	☹			☻		☹	
	ODMW060508-A57	M	8	0.8			☻	☹	☹						☺		☻	☻	☹	☹						
	ODMW060508T-A27	M	8	0.8			☻	☹	☹								☻	☻	☹	☹						
	ODHT0605ZZN-F57	H	8	0.8	1.6		☺	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHT0605ZZN-G77	H	8	0.8	1.6					☻			☹												☹	
	ODHT0605ZZN-G88	H	8	0.8	1.6																☺	☻				
	ODHW0605ZZN-A57	H	8	0.8	1.6		☻	☹	☹						☺			☻	☹	☹						
	ODMT0605ZZN-D57	M	8	0.8	1.6		☺	☻	☻	☹	☻	☹	☹				☻	☻	☹	☹			☻	☹	☹	
	ODMT0605ZZN-F57	M	8	0.8	1.6		☺	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHX0605ZZR-A57	H	1	0.8	9.4	☺			☹						☺	☺				☹						☺

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

☺ ☻ ☹ / ★ = New addition to the product range

Octagonal face milling cutters

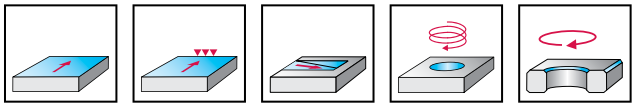
M5004 inch

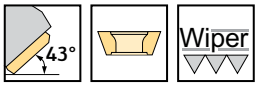
OD .. 0605 ..; ODHX0605ZZR

Xtra·tec® XT



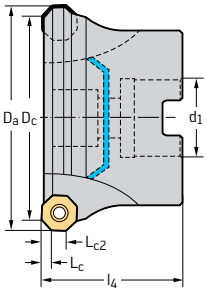
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	L_{c2} inch	Z	lbs	No. of inserts	Type
M5004,086-B26-06-04	3.000	3.394	1.000	1.969	0.157	0.394	6	2.088	6	OD .. 0605 .. ODHX0605ZZR
M5004,086-B26-07-04	3.000	3.394	1.000	1.969	0.157	0.394	7	2.07	7	
M5004,112-B38-07-04	4.000	4.394	1.500	2.48	0.157	0.394	7	5.955	7	
M5004,112-B38-09-04	4.000	4.394	1.500	2.48	0.157	0.394	9	5.82	9	
M5004,137-B38-08-04	5.000	5.394	1.500	2.48	0.157	0.394	8	7.974	8	
M5004,137-B38-09-04	5.000	5.394	1.500	2.48	0.157	0.394	9	7.848	9	
M5004,162-B38-09-04	6.000	6.394	1.500	2.48	0.157	0.394	9	9.824	9	
M5004,162-B38-10-04	6.000	6.394	1.500	2.48	0.157	0.394	10	10.183	10	

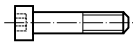
Bodies and assembly parts are included in the scope of delivery

D 2

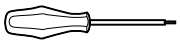
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

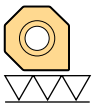
Assembly parts

	D_c [inch]	3	4–6
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3.688 lbs	FS1495 (T20IP) 3.688 lbs
	Clamping screw for arbor-mounted tools	FS1519	FS1583

Accessories

	D_c [inch]	3–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ODHT060512-F57	H	8	0.047				☻	☻	☹			☹						☹	☹					☹	
	ODHW060516-A57	H	8	0.063										☻												
	ODMT060512-D57	M	8	0.047				☻	☻	☹	☻		☹				☻		☹	☹			☻		☹	
	ODMW060508-A57	M	8	0.031			☻	☹	☹						☻		☻	☻	☹	☹						
	ODMW060508T-A27	M	8	0.031			☻	☹	☹						☻		☻	☻	☹	☹						
	ODHT0605ZZN-F57	H	8	0.031	0.063		☻	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHT0605ZZN-G77	H	8	0.031	0.063					☻			☻												☻	
	ODHT0605ZZN-G88	H	8	0.031	0.063																☻	☻				
	ODHW0605ZZN-A57	H	8	0.031	0.063		☻	☹	☹						☻			☻	☹	☹						
	ODMT0605ZZN-D57	M	8	0.031	0.063		☻	☻	☻	☹	☻	☹	☹				☻	☻	☹	☹			☻	☹	☹	
	ODMT0605ZZN-F57	M	8	0.031	0.063		☻	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHX0605ZZR-A57	H	1	0.031	0.37	☻			☹						☻	☻				☹						☻

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

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☻ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

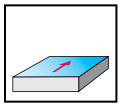
M5009 mm

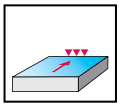
SN . X0904 ..; XNGX0904ANN

Xtra·tec® XT



– 8 cutting edges per indexable insert





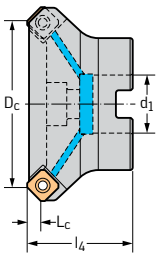






	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-040-B16-04-05	40	16	40	5	4	0.44	4	SN . X0904 .. XNGX0904ANN
M5009-040-B16-06-05	40	16	40	5	6	0.43	6	
M5009-050-B22-06-05	50	22	40	5	6	0.44	6	
M5009-050-B22-08-05	50	22	40	5	8	0.57	8	
M5009-063-B22-07-05	63	22	40	5	7	0.56	7	
M5009-063-B22-09-05	63	22	40	5	9	0.56	9	
M5009-080-B27-08-05	80	27	50	5	8	1.36	8	
M5009-080-B27-11-05	80	27	50	5	11	1.36	11	
M5009-100-B32-09-05	100	32	50	5	9	1.85	9	
M5009-100-B32-13-05	100	32	50	5	13	2.66	13	

Bodies and assembly parts are included in the scope of delivery

D 2

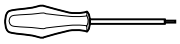
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

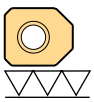
Assembly parts

	D_c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	40–100
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	SNGX0904ANN-F57	G	8	0.4	1.2		☺	😐	😐		☹		😐	☹		😐	😐	😐	☹	☹				😐	☹	
	SNGX0904ANN-F67	G	8	0.4	1.2						☹		😐	☹										😐	☹	
	SNHX0904ANN-K88	H	8	0.4	1.5																	☺	😐			
	SNMX0904ANN-F27	M	8	0.4	1.2			😐											☹							
	SNMX0904ANN-F57	M	8	0.4	1.2		☺	😐	😐		☹		😐	☹		😐		😐	☹	☹				😐	☹	
	SNMX0904ANN-F67	M	8	0.4	1.2						☹		😐	☹										😐	☹	
	SNMX090408-F27	M	8	0.8			☺		😐									😐		☹						
	SNMX090408-F57	M	8	0.8			☺	😐	😐		☹		😐	☹		😐	😐	😐	☹	☹				😐	☹	
	SNMX090408-F67	M	8	0.8							☹		😐	☹										😐	☹	
	XNGX0904ANN-F67	G	2	0.4	5	☺				☹		☹			☺						☹					☺

XNGX0904ANN-F67 wiper insert only in combination with SNGX0904ANN...

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☹ 😐 ☺ / ★ = New addition to the product range

Face milling cutters

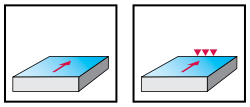
M5009 inch

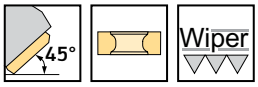
SN . X0904 ..; XNGX0904ANN

Xtra·tec® XT



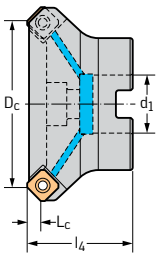
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5009,051-B19-06-05	2.000	0.750	1.500	0.197	6	0.882	6	SN . X0904 .. XNGX0904ANN
M5009,051-B19-08-05	2.000	0.750	1.500	0.197	8	1.193	8	
M5009,064-B26-07-05	2.500	1.000	2.000	0.197	7	1.874	7	
M5009,064-B26-09-05	2.500	1.000	2.000	0.197	9	1.830	9	
M5009,076-B26-08-05	3.000	1.000	2.000	0.197	8	2.381	8	
M5009,076-B26-11-05	3.000	1.000	2.000	0.197	11	2.906	11	
M5009,102-B38-09-05	4.000	1.500	2.500	0.197	9	7.09	9	
★ M5009,127-B38-11-05	5.000	1.500	2.500	0.197	11	8.375	11	
★ M5009,152-B38-13-05	6.000	1.500	2.500	0.197	13	10.395	13	

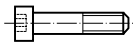
Bodies and assembly parts are included in the scope of delivery

D 2

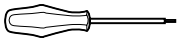
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

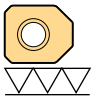
Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 0.885 lbs	FS2579 (T8IP) 0.885 lbs	FS2579 (T8IP) 0.885 lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	SNGX0904ANN-F57	G	8	0.016	0.047		☺	😐	😐		☹		😐	☹		😐	😐	😐	☹	☹				😐	☹	
	SNGX0904ANN-F67	G	8	0.016	0.047						☹		😐	☹										😐	☹	
	SNHX0904ANN-K88	H	8	0.016	0.059																	☺	😐			
	SNMX0904ANN-F27	M	8	0.016	0.047			😐											☹							
	SNMX0904ANN-F57	M	8	0.016	0.047		☺	😐	😐		☹		😐	☹		😐		😐	☹	☹				😐	☹	
	SNMX0904ANN-F67	M	8	0.016	0.047						☹		😐	☹										😐	☹	
	SNMX090408-F27	M	8	0.031			☺		😐									😐		☹						
	SNMX090408-F57	M	8	0.031			☺	😐	😐		☹		😐	☹		😐	😐	😐	☹	☹				😐	☹	
	SNMX090408-F67	M	8	0.031							☹		😐	☹										😐	☹	
	XNGX0904ANN-F67	G	2	0.016	0.197	☺				☹		☹			☺						☹					☺

XNGX0904ANN-F67 wiper insert only in combination with SNGX0904ANN...

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

M5009 mm

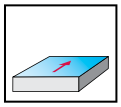
SN . X1205 ..; XNGX1205ANN

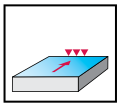
Xtra·tec® XT





– 8 cutting edges per indexable insert







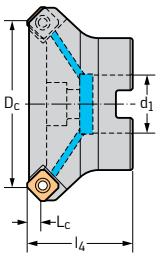




	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

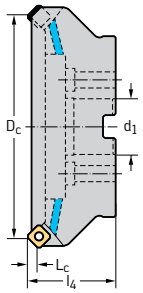
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-050-B22-06-06	50	22	40	6	6	0.49	6	SN . X1205 .. XNGX1205ANN
M5009-063-B22-08-06	63	22	40	6	8	0.75	8	
M5009-063-B27-08-06	63	27	50	6	8	0.8	8	
M5009-080-B27-10-06	80	27	50	6	10	1.13	10	
M5009-100-B32-12-06	100	32	50	6	12	1.79	12	
M5009-125-B40-16-06	125	40	63	6	16	3.34	16	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-160-B40-20-06	160	40	63	6	20	5.01	20	SN . X1205 .. XNGX1205ANN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

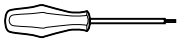
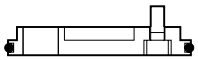
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

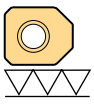
Assembly parts

	D_c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☺	😐	😐		☹			😐		☹						😐	☹	☹					😐		☹	
	SNMX120512-D27	M	8	1.2			☺	😐	😐											😐	😐	😐	☹	☹								
	SNMX120520-D27	M	8	2			☺	😐	😐											😐	😐	😐	☹	☹								
	SNMX120512-F27	M	8	1.2			☺	😐	😐													😐	☹	☹								
	SNMX120512-F57	M	8	1.2			☺	😐	😐		☹			😐	😐	☹				😐	😐	😐	☹	☹					😐	😐	☹	
	SNMX120520-F57	M	8	2			☺	😐	😐		☹			😐	😐	☹				😐	😐	😐	☹	☹					😐	😐	☹	
	SNMX120512-F67	M	8	1.2			☺	😐	😐		☹			😐	😐	☹		☺				😐	☹	☹					😐	😐	☹	
	SNGX1205ANN-F27	G	8	0.8	1.5		☺	😐	😐													😐	☹	☹								
	SNGX1205ANN-F57	G	8	0.8	1.5		☺	😐	😐		☹			😐		☹				😐		😐	☹	☹					😐		☹	
	SNGX1205ANN-F67	G	8	0.8	1.5		☺	😐	😐		☹			😐		☹		☺				😐	☹	☹					😐		☹	
	SNHX1205ANN-K88	H	8	0.8	1.5																					☺	😐					
	SNMX1205ANN-F27	M	8	0.8	1.5		☺	😐	😐													😐	☹	☹								
	SNMX1205ANN-F57	M	8	0.8	1.5		☺	😐	😐											😐		😐	☹	☹								
	SNMX1205ANN-F67	M	8	0.8	1.5		☺	😐	😐									☺				😐	☹	☹								
	XNGX1205ANN-F67	G	2	1.2	4.7	☺				☺		☺	☺				☺	☺	☺						☺	☺							☺

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

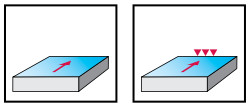
M5009 inch

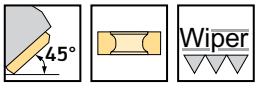
SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT



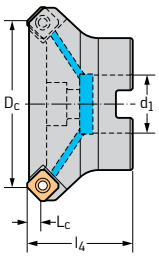
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5009,051-B19-06-06	2.000	0.750	1.500	0.236	6	0.864	6	SN . X1205 .. XNGX1205ANN
M5009,064-B26-08-06	2.500	1.000	2.000	0.236	8	1.757	8	
M5009,076-B26-09-06	3.000	1.000	2.000	0.236	9	2.379	9	
M5009,102-B38-12-06	4.000	1.500	2.500	0.236	12	6.118	12	
M5009,127-B38-16-06	5.000	1.500	2.500	0.236	16	8.104	16	
M5009,152-B38-19-06	6.000	1.500	2.500	0.236	19	12.571	19	

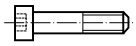
Bodies and assembly parts are included in the scope of delivery

D 2

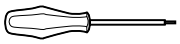
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

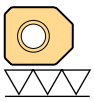
Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 2.95 lbs	FS1459 (T15IP) 2.95 lbs	FS1459 (T15IP) 2.95 lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	0.047			☺	☺	☺		☹			☺		☹						☺	☹	☹					☺		☹	
	SNMX120512-D27	M	8	0.047			☺	☺	☺											☺	☺	☺	☹	☹								
	SNMX120520-D27	M	8	0.079			☺	☺	☺											☺	☺	☺	☹	☹								
	SNMX120512-F27	M	8	0.047			☺	☺	☺													☺	☹	☹								
	SNMX120512-F57	M	8	0.047			☺	☺	☺		☹			☺	☺	☹				☺	☺	☺	☹	☹					☺	☺	☹	
	SNMX120520-F57	M	8	0.079			☺	☺	☺		☹			☺	☺	☹				☺	☺	☺	☹	☹					☺	☺	☹	
	SNMX120512-F67	M	8	0.047			☺	☺	☺		☹			☺	☺	☹		☺				☺	☹	☹					☺	☺	☹	
	SNGX1205ANN-F27	G	8	0.031	0.059		☺	☺	☺													☺	☹	☹								
	SNGX1205ANN-F57	G	8	0.031	0.059		☺	☺	☺		☹			☺		☹				☺		☺	☹	☹					☺		☹	
	SNGX1205ANN-F67	G	8	0.031	0.059		☺	☺	☺		☹			☺		☹		☺				☺	☹	☹					☺		☹	
	SNHX1205ANN-K88	H	8	0.031	0.059																						☺	☺				
	SNMX1205ANN-F27	M	8	0.031	0.059		☺	☺	☺													☺	☹	☹								
	SNMX1205ANN-F57	M	8	0.031	0.059		☺	☺	☺											☺		☺	☹	☹								
	SNMX1205ANN-F67	M	8	0.031	0.059		☺	☺	☺									☺				☺	☹	☹								
	XNGX1205ANN-F67	G	2	0.047	0.185	☺				☺		☺	☺				☺	☺	☺						☺	☺						☺

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

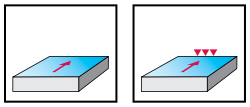
M5009 mm

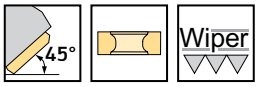
SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT



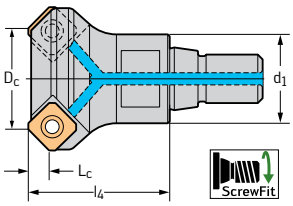
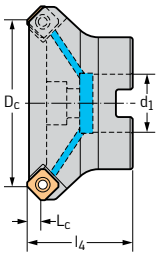
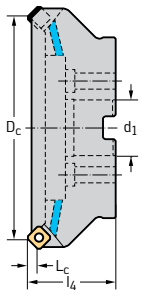
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit								
M5009-040-T36-04-06-AP	40	36	40	6	4	0.37	4	SN . X1205 .. XNGX1205ANN
 Shell mill mount DIN 138 transverse keyway								
M5009-050-B22-04-06-AP	50	22	40	6	4	0.61	4	SN . X1205 .. XNGX1205ANN
M5009-063-B22-06-06-AP	63	22	40	6	6	0.56	6	
M5009-063-B27-06-06-AP	63	27	50	6	6	0.83	6	
M5009-080-B27-05-06-AP	80	27	50	6	5	1.22	5	
M5009-080-B27-07-06-AP	80	27	50	6	7	1.39	7	
M5009-100-B32-06-06-AP	100	32	50	6	6	1.96	6	
M5009-100-B32-08-06-AP	100	32	50	6	8	2.69	8	
M5009-125-B40-07-06-AP	125	40	63	6	7	3.54	7	
M5009-125-B40-10-06-AP	125	40	63	6	10	3.38	10	
 Shell mill mount DIN 138 transverse keyway								
M5009-160-B40-08-06-AP	160	40	63	6	8	5.19	8	SN . X1205 .. XNGX1205ANN
M5009-160-B40-12-06-AP	160	40	63	6	12	5.1	12	

M5009...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D 2

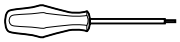
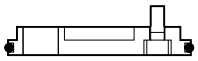
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

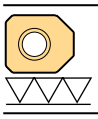
Assembly parts

	D_c [mm]	40–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D_c [mm]	40	50–125	160
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Sealing disc set (incl. gasket + screws)			FS936 SET KOMPLETT
	Gasket			O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☺	😐	😐		☹			😐		☹						😐	☹	☹					😐		☹	
	SNMX120512-D27	M	8	1.2			☺	😐	😐											😐	😐	😐	☹	☹								
	SNMX120520-D27	M	8	2			☺	😐	😐											😐	😐	😐	☹	☹								
	SNMX120512-F27	M	8	1.2			☺	😐	😐													😐	☹	☹								
	SNMX120512-F57	M	8	1.2			☺	😐	😐		☹			😐	😐	☹				😐	😐	😐	☹	☹					😐	😐	☹	
	SNMX120520-F57	M	8	2			☺	😐	😐		☹			😐	😐	☹				😐	😐	😐	☹	☹					😐	😐	☹	
	SNMX120512-F67	M	8	1.2			☺	😐	😐		☹			😐	😐	☹		☺				😐	☹	☹					😐	😐	☹	
	SNGX1205ANN-F27	G	8	0.8	1.5		☺	😐	😐													😐	☹	☹								
	SNGX1205ANN-F57	G	8	0.8	1.5		☺	😐	😐		☹			😐		☹				😐		😐	☹	☹					😐		☹	
	SNGX1205ANN-F67	G	8	0.8	1.5		☺	😐	😐		☹			😐		☹		☺				😐	☹	☹					😐		☹	
	SNHX1205ANN-K88	H	8	0.8	1.5																						☺	😐				
	SNMX1205ANN-F27	M	8	0.8	1.5		☺	😐	😐													😐	☹	☹								
	SNMX1205ANN-F57	M	8	0.8	1.5		☺	😐	😐											😐		😐	☹	☹								
	SNMX1205ANN-F67	M	8	0.8	1.5		☺	😐	😐									☺				😐	☹	☹								
	XNGX1205ANN-F67	G	2	1.2	4.7	☺				☹		☺	☹				☺	☺	☺						☹	☹						☺

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

M5009 inch

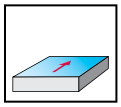
SN . X1205 ..; XNGX1205ANN

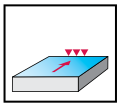
Xtra·tec® XT





– 8 cutting edges per indexable insert







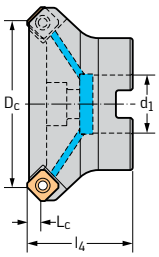




	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

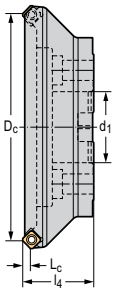
Tool

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5009,051-B19-04-06-AP	2.000	0.750	1.500	0.236	4	0.888	4	SN . X1205 .. XNGX1205ANN
M5009,064-B26-06-06-AP	2.500	1.000	2.000	0.236	6	1.75	6	
M5009,076-B26-07-06-AP	3.000	1.000	2.000	0.236	7	2.35	7	
M5009,102-B38-08-06-AP	4.000	1.500	2.500	0.236	8	6.074	8	
M5009,127-B38-10-06-AP	5.000	1.500	2.500	0.236	10	8.157	10	
M5009,152-B38-12-06-AP	6.000	1.500	2.500	0.236	12	10.313	12	



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
★ M5009,203-B64-16-06-AP	8.000	2.500	2.500	0.236	16	15.582	16	SN . X1205 .. XNGX1205ANN
★ M5009,254-B64-18-06-AP	10.000	2.500	2.500	0.236	18	28.336	18	
★ M5009,305-B64-20-06-AP	12.000	2.500	2.500	0.236	20	40.609	20	



Shell mill mount DIN 138 transverse keyway

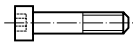
M5009...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D 2

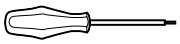
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

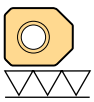
Assembly parts

	D_c [inch]	2	2.5–3	4–6	8–12
	Shim for indexable insert	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 2.95 lbs	FS2617 (T15IP) 2.95 lbs	FS2617 (T15IP) 2.95 lbs	FS2617 (T15IP) 2.95 lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583	

Accessories

	D_c [inch]	2–6	8–12
	Torque screwdriver, analog	FS2003	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	0.047			☺	☺	☺		☹			☺		☹						☺	☹	☹					☺		☹	
	SNMX120512-D27	M	8	0.047			☺	☺	☺											☺	☺	☺	☹	☹								
	SNMX120520-D27	M	8	0.079			☺	☺	☺											☺	☺	☺	☹	☹								
	SNMX120512-F27	M	8	0.047			☺	☺	☺													☺	☹	☹								
	SNMX120512-F57	M	8	0.047			☺	☺	☺		☹			☺	☺	☹				☺	☺	☺	☹	☹					☺	☺	☹	
	SNMX120520-F57	M	8	0.079			☺	☺	☺		☹			☺	☺	☹				☺	☺	☺	☹	☹					☺	☺	☹	
	SNMX120512-F67	M	8	0.047			☺	☺	☺		☹			☺	☺	☹		☺				☺	☹	☹					☺	☺	☹	
	SNGX1205ANN-F27	G	8	0.031	0.059		☺	☺	☺													☺	☹	☹								
	SNGX1205ANN-F57	G	8	0.031	0.059		☺	☺	☺		☹			☺		☹				☺		☺	☹	☹					☺		☹	
	SNGX1205ANN-F67	G	8	0.031	0.059		☺	☺	☺		☹			☺		☹		☺				☺	☹	☹					☺		☹	
	SNHX1205ANN-K88	H	8	0.031	0.059																						☺	☺				
	SNMX1205ANN-F27	M	8	0.031	0.059		☺	☺	☺													☺	☹	☹								
	SNMX1205ANN-F57	M	8	0.031	0.059		☺	☺	☺											☺		☺	☹	☹								
	SNMX1205ANN-F67	M	8	0.031	0.059		☺	☺	☺									☺				☺	☹	☹								
	XNGX1205ANN-F67	G	2	0.047	0.185	☺				☺		☺	☺				☺	☺	☺						☺	☺						☺

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

M5011 mm

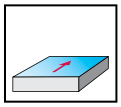
SN . X1205 ..; XNGX1205ENN

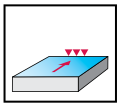
Xtra·tec® XT

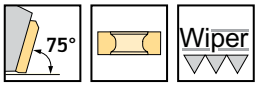




– 8 cutting edges per indexable insert

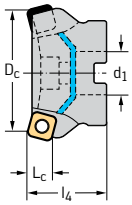
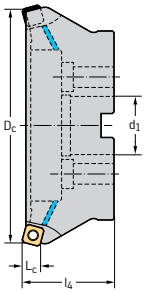






	P	M	K	N	S	H	O
M5011	●●	●●	●●		●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M5011-063-B22-07-08	63	22	40	8	7	0.66	7	SN . X1205 .. XNGX1205ENN
	M5011-063-B27-07-08	63	27	50	8	7	0.73	7	
	M5011-080-B27-09-08	80	27	50	8	9	1	9	
	M5011-100-B32-11-08	100	32	50	8	11	1.67	11	
	M5011-125-B40-14-08	125	40	63	8	14	3.14	14	
 Shell mill mount DIN 138 transverse keyway	M5011-160-B40-18-08	160	40	63	8	18	4.68	18	SN . X1205 .. XNGX1205ENN

Bodies and assembly parts are included in the scope of delivery

D 2

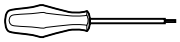
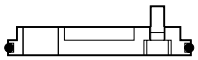
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

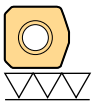
Assembly parts

	Type D_c [mm]	SN . X1205 .. 63–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	Type D_c [mm]	SN . X1205 .. 63–125	SN . X1205 .. 160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☺	😐	😐		☹			😐		☹						☹	☹	☹			😐		☹	
	SNMX120512-D27	M	8	1.2			☺	😐	😐											😐	😐	😐	☹	☹						
	SNMX120520-D27	M	8	2			☺	😐	😐											😐	😐	😐	☹	☹						
	SNMX120512-F27	M	8	1.2			☺	😐	😐													😐	☹	☹						
	SNMX120512-F57	M	8	1.2			☺	😐	😐		☹			😐	😐	☹				😐	😐	😐	☹	☹			😐	😐	☹	
	SNMX120520-F57	M	8	2			☺	😐	😐		☹			😐	😐	☹				😐	😐	😐	☹	☹			😐	😐	☹	
	SNMX120512-F67	M	8	1.2			☺	😐	😐		☹			😐	😐	☹		☺				😐	☹	☹			😐	😐	☹	
	SNGX1205ENN-F27	G	8	0.3	1.2		☺	😐	😐													😐	☹	☹						
	SNGX1205ENN-F57	G	8	0.3	1.2		☺	😐	😐		☹			😐		☹				😐		😐	☹	☹			😐		☹	
	SNGX1205ENN-F67	G	8	0.3	1.2		☺		😐		☹			😐		☹		☺				😐		☹			😐		☹	
	SNMX1205ENN-F57	M	8	0.3	1.2		☺	😐														😐	☹						
	XNGX1205ENN-F67	G	2	0.6	4.5	☺				☺		☺	☺				☺	☺	☺						☺	☺				☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

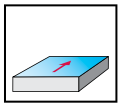
M5011 mm

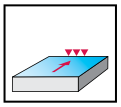
SN . X1205 ..; XNGX1205ENN

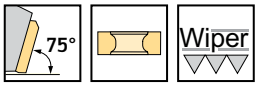
Xtra·tec® XT



– 8 cutting edges per indexable insert

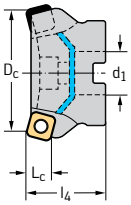






	P	M	K	N	S	H	O
M5011	●●	●●	●●		●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5011-050-B22-04-08-AP	50	22	40	8	4	0.32	4	SN . X1205 .. XNGX1205ENN
M5011-063-B22-05-08-AP	63	22	40	8	5	0.67	5	
M5011-063-B27-05-08-AP	63	27	50	8	5	0.96	5	
M5011-080-B27-07-08-AP	80	27	50	8	7	1.04	7	
M5011-100-B32-08-08-AP	100	32	50	8	8	1.73	8	
M5011-125-B40-10-08-AP	125	40	63	8	10	3.17	10	

M5011...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D 2

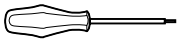
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

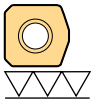
Assembly parts

	Type D_c [mm]	SN . X1205 .. 50–125
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	Type D_c [mm]	SN . X1205 .. 50–125
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☺	😐	😐		😵			😐		😵						😐	😵	😵			😐		😐	
	SNMX120512-D27	M	8	1.2			☺	😐	😐											😐	😐	😐	😵	😵						
	SNMX120520-D27	M	8	2			☺	😐	😐											😐	😐	😐	😵	😵						
	SNMX120512-F27	M	8	1.2			☺	😐	😐													😐	😵	😵						
	SNMX120512-F57	M	8	1.2			☺	😐	😐		😵			😐	😐	😵				😐	😐	😐	😵	😵			😐	😐	😐	
	SNMX120520-F57	M	8	2			☺	😐	😐		😵			😐	😐	😵				😐	😐	😐	😵	😵			😐	😐	😐	
	SNMX120512-F67	M	8	1.2			☺	😐	😐		😵			😐	😐	😵		☺				😐	😵	😵			😐	😐	😐	
	SNGX1205ENN-F27	G	8	0.3	1.2		☺	😐	😐													😐	😵	😵						
	SNGX1205ENN-F57	G	8	0.3	1.2		☺	😐	😐		😵			😐		😵				😐		😐	😵	😵			😐		😐	
	SNGX1205ENN-F67	G	8	0.3	1.2		☺		😐		😵			😐		😵		☺				😐		😵			😐		😐	
	SNMX1205ENN-F57	M	8	0.3	1.2		☺	😐														😐	😵						
	XNGX1205ENN-F67	G	2	0.6	4.5	☺				☺		☺	☺				☺	☺	☺						☺	☺				☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😵

☺ 😐 😵 / ★ = New addition to the product range

Face milling cutters

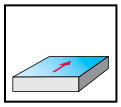
M5012 mm

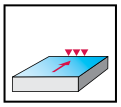
SN . X0904 ..; XNGX0904ZNN

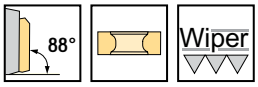
Xtra·tec® XT



– 8 cutting edges per indexable insert

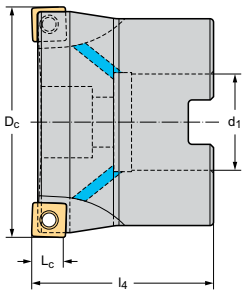






	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-040-B16-04-08	40	16	40	8	4	0.24	4	SN . X0904 .. XNGX0904ZNN
M5012-050-B22-05-08	50	22	40	8	5	0.39	5	
M5012-050-B22-06-08	50	22	40	8	6	0.39	6	
M5012-063-B22-06-08	63	22	40	8	6	0.51	6	
M5012-063-B22-08-08	63	22	40	8	8	0.5	8	
M5012-063-B27-06-08	63	27	50	8	6	0.97	6	
M5012-063-B27-08-08	63	27	50	8	8	0.6	8	
M5012-080-B27-07-08	80	27	50	8	7	1.29	7	
M5012-080-B27-10-08	80	27	50	8	10	1.27	10	
M5012-100-B32-08-08	100	32	50	8	8	2.63	8	
M5012-100-B32-12-08	100	32	50	8	12	1.8	12	

Bodies and assembly parts are included in the scope of delivery

D2

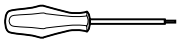
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

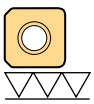
Assembly parts

	D_c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	40–100
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	SNGX0904ZNN-F57	G	8	0.6	1		☺	😐			☒				☒				😐		😐	☒							😐	☒	
	SNGX0904ZNN-F67	G	8	0.6	1		☺	😐			☒			😐	☒		☺				😐	☒						😐	☒	
	SNHX0904ZNN-K88	H	8	0.6	1																				☺	😐			
	SNMX0904ZNN-F27	M	8	0.6	1			😐														☒							
	SNMX0904ZNN-F57	M	8	0.6	1		☺	😐	😐		☒			😐	☒				😐		😐	☒	☒					😐	☒	
	SNMX0904ZNN-F67	M	8	0.6	1						☒			😐	☒		☺											😐	☒	
	SNMX090408-F27	M	8	0.8			☺		😐												😐		☒						
	SNMX090408-F57	M	8	0.8			☺	😐	😐		☒			😐	☒				😐	😐	😐	☒	☒					😐	☒	
	SNMX090408-F67	M	8	0.8							☒			😐	☒													😐	☒	
	XNGX0904ZNN-F67	G	2	0.8	3.5	☺				☺		☺	☺			☺	☺	☺						☺	☺					☺

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☒

☺ 😐 ☒ / ★ = New addition to the product range

Face milling cutters

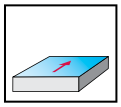
M5012 inch

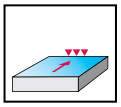
SN . X0904 ..; XNGX0904ZNN

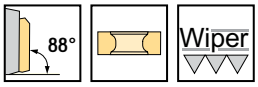
Xtra·tec® XT



– 8 cutting edges per indexable insert

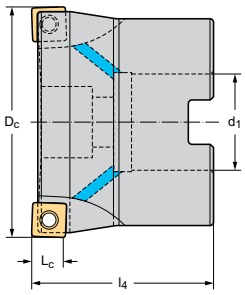






	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
★ M5012,051-B19-06-08	2.000	0.750	1.500	0.315	6	0.829	6	SN . X0904 .. XNGX0904ZNN
★ M5012,064-B26-07-08	2.500	1.000	2.000	0.315	7	1.702	7	
★ M5012,076-B26-09-08	3.000	1.000	2.000	0.315	9	2.172	9	
★ M5012,102-B38-11-08	4.000	1.500	2.500	0.315	11	6.153	11	
★ M5012,127-B38-14-08	5.000	1.500	2.500	0.315	14	8.051	14	
★ M5012,152-B38-18-08	6.000	1.500	2.500	0.315	18	10.470	18	

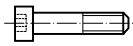
Bodies and assembly parts are included in the scope of delivery

D2

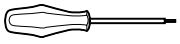
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

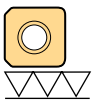
Assembly parts

	D_c [inch]	2–6
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 0.885 lbs
	Clamping screw for arbor-mounted tools	FS1518

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G	H HC WHH15X
	SNGX0904ZNN-F57	G	8	0.024	0.039		😐	😐			☹				☹				😐		😐	☹							☹	
	SNGX0904ZNN-F67	G	8	0.024	0.039		😐	😐			☹			😐	☹		☺				😐	☹						😐	☹	
	SNHX0904ZNN-K88	H	8	0.024	0.039																					☺	😐			
	SNMX0904ZNN-F27	M	8	0.024	0.039			😐														☹								
	SNMX0904ZNN-F57	M	8	0.024	0.039		😐	😐	😐		☹			😐	☹				😐		😐	☹	☹					😐	☹	
	SNMX0904ZNN-F67	M	8	0.024	0.039						☹			😐	☹		☺											😐	☹	
	SNMX090408-F27	M	8	0.031			😐		😐												😐		☹							
	SNMX090408-F57	M	8	0.031			😐	😐	😐		☹			😐	☹				😐	😐	😐	☹	☹					😐	☹	
	SNMX090408-F67	M	8	0.031							☹			😐	☹													😐	☹	
	XNGX0904ZNN-F67	G	2	0.031	0.138	☺				☺		☺	☺			☺	☺	☺						☺	☺					☺

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

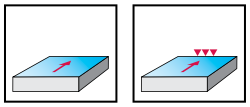
M5012 mm

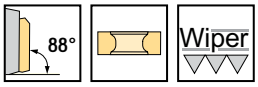
SN . X1205 ..; XNGX1205ZNN

Xtra·tec® XT



– 8 cutting edges per indexable insert

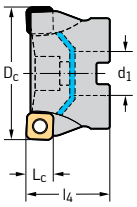




	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

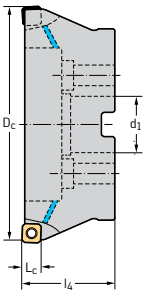
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-063-B22-07-10	63	22	40	10	7	0.46	7	SN . X1205 .. XNGX1205ZNN
M5012-063-B27-07-10	63	27	50	10	7	0.84	7	
M5012-080-B27-09-10	80	27	50	10	9	1.17	9	
M5012-100-B32-11-10	100	32	50	10	11	1.69	11	
M5012-125-B40-14-10	125	40	63	10	14	3.95	14	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-160-B40-18-10	160	40	63	10	18	4.69	18	SN . X1205 .. XNGX1205ZNN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

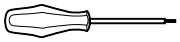
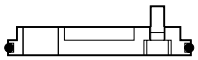
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

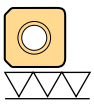
Assembly parts

	D_c [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☺	😐	😐					😐								😐	😐	😐					😐			
	SNMX120512-D27	M	8	1.2			☺	😐	😐											😐	😐	😐	😐	😐								
	SNMX120520-D27	M	8	2			☺	😐	😐											😐	😐	😐	😐	😐								
	SNMX120512-F27	M	8	1.2			☺	😐	😐													😐	😐	😐								
	SNMX120512-F57	M	8	1.2			☺	😐	😐					😐	😐	😐				😐	😐	😐	😐	😐					😐	😐	😐	
	SNMX120520-F57	M	8	2			☺	😐	😐					😐	😐	😐				😐	😐	😐	😐	😐					😐	😐	😐	
	SNMX120512-F67	M	8	1.2			☺	😐	😐					😐	😐	😐		☺				😐	😐	😐					😐	😐	😐	
	SNGX1205ZNN-F27	G	8	0.8	1.2		☺	😐	😐													😐	😐	😐								
	SNGX1205ZNN-F57	G	8	0.8	1.2		☺	😐	😐					😐						😐		😐	😐	😐					😐			
	SNGX1205ZNN-F67	G	8	0.8	1.2		☺	😐	😐					😐				☺				😐	😐	😐					😐			
	SNHX1205ZNN-K88	H	8	0.8	1.2																						☺	😐				
	SNMX1205ZNN-F57	M	8	0.8	1.2		☺	😐	😐											😐	😐	😐	😐	😐								
	XNGX1205ZNN-F67	G	2	1	4	☺				☺		☺	☺				☺	☺	☺						☺	☺						☺

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😣

☺ 😐 😣 / ★ = New addition to the product range

Face milling cutters

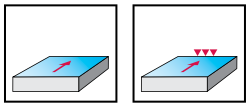
M5012 mm

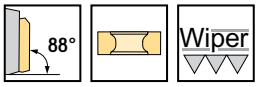
SN . X1205 ..; XNGX1205ZNN

Xtra·tec® XT



– 8 cutting edges per indexable insert

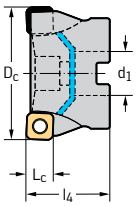




	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

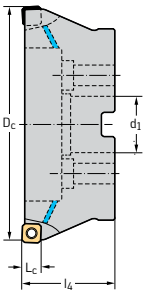
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-050-B22-04-10-AP	50	22	40	10	4	0.34	4	SN . X1205 .. XNGX1205ZNN
M5012-063-B22-05-10-AP	63	22	40	10	5	0.48	5	
M5012-063-B27-05-10-AP	63	27	50	10	5	0.87	5	
M5012-080-B27-07-10-AP	80	27	50	10	7	1.02	7	
M5012-100-B32-08-10-AP	100	32	50	10	8	1.77	8	
M5012-125-B40-10-10-AP	125	40	63	10	10	3.27	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-160-B40-12-10-AP	160	40	63	10	12	4.81	12	SN . X1205 .. XNGX1205ZNN



Shell mill mount DIN 138 transverse keyway

M5012...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D2

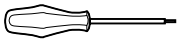
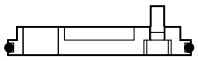
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	50–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☻	☻	☻		✖			☻		✖						☻	✖	✖					☻		✖	
	SNMX120512-D27	M	8	1.2			☻	☻	☻											☻	☻	☻	✖	✖								
	SNMX120520-D27	M	8	2			☻	☻	☻											☻	☻	☻	✖	✖								
	SNMX120512-F27	M	8	1.2			☻	☻	☻													☻	✖	✖								
	SNMX120512-F57	M	8	1.2			☻	☻	☻		✖			☻	☻	✖				☻	☻	☻	✖	✖					☻	☻	✖	
	SNMX120520-F57	M	8	2			☻	☻	☻		✖			☻	☻	✖				☻	☻	☻	✖	✖					☻	☻	✖	
	SNMX120512-F67	M	8	1.2			☻	☻	☻		✖			☻	☻	✖		☻				☻	✖	✖					☻	☻	✖	
	SNGX1205ZNN-F27	G	8	0.8	1.2		☻	☻	☻													☻	✖	✖								
	SNGX1205ZNN-F57	G	8	0.8	1.2		☻	☻	☻		✖			☻		✖				☻		☻	✖	✖					☻		✖	
	SNGX1205ZNN-F67	G	8	0.8	1.2		☻	☻	☻		✖			☻		✖		☻				☻	✖	✖					☻		✖	
	SNHX1205ZNN-K88	H	8	0.8	1.2																						☻	☻				
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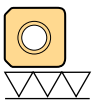
	XNGX1205ZNN-F67	G	2	1	4	☻				☻		☻	☻				☻	☻	☻						☻	☻						☻

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ✖

☻ 😐 ✖ / ★ = New addition to the product range

Face milling cutters

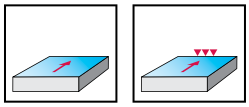
M5012 inch

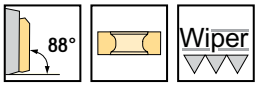
SN . X1205 ..; XNGX1205ZNN

Xtra·tec® XT



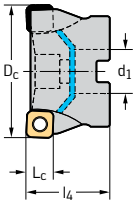
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
★ M5012,051-B19-04-10-AP	2.000	0.750	1.500	0.394	4	0.712	4	SN . X1205 .. XNGX1205ZNN
★ M5012,064-B26-05-10-AP	2.500	1.000	2.000	0.394	5	1.482	5	
★ M5012,076-B26-07-10-AP	3.000	1.000	2.000	0.394	7	1.949	7	
★ M5012,102-B38-08-10-AP	4.000	1.500	2.500	0.394	8	5.842	8	
★ M5012,127-B38-10-10-AP	5.000	1.500	2.500	0.394	10	7.672	10	
★ M5012,152-B38-12-10-AP	6.000	1.500	2.500	0.394	12	10.194	12	

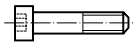
Bodies and assembly parts are included in the scope of delivery

D2

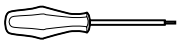
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

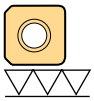
Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Shim for indexable insert	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 2.95 lbs	FS2617 (T15IP) 2.95 lbs	FS2617 (T15IP) 2.95 lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P							M					K										N		S			H
							HC							HC					HC										HC	HW	HC			HC
						WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSP45G	WHH15X
	SNGX120512-F57	G	8	0.047			☻	☻	☻		☹			☻		☹						☻	☹	☹					☻		☹	
	SNMX120512-D27	M	8	0.047			☻	☻	☻											☻	☻	☻	☹	☹								
	SNMX120520-D27	M	8	0.079			☻	☻	☻											☻	☻	☻	☹	☹								
	SNMX120512-F27	M	8	0.047			☻	☻	☻													☻	☹	☹								
	SNMX120512-F57	M	8	0.047			☻	☻	☻		☹			☻	☻	☹				☻	☻	☻	☹	☹					☻	☻	☹	
	SNMX120520-F57	M	8	0.079			☻	☻	☻		☹			☻	☻	☹				☻	☻	☻	☹	☹					☻	☻	☹	
	SNMX120512-F67	M	8	0.047			☻	☻	☻		☹			☻	☻	☹		☻				☻	☹	☹					☻	☻	☹	
	SNGX1205ZNN-F27	G	8	0.031	0.047		☻	☻	☻													☻	☹	☹								
	SNGX1205ZNN-F57	G	8	0.031	0.047		☻	☻	☻		☹			☻		☹				☻		☻	☹	☹					☻		☹	
	SNGX1205ZNN-F67	G	8	0.031	0.047		☻	☻	☻		☹			☻		☹		☻				☻	☹	☹					☻		☹	
	SNHX1205ZNN-K88	H	8	0.031	0.047																						☻	☻				
	SNMX1205ZNN-F57	M	8	0.031	0.047		☻	☻	☻											☻	☻	☻	☹	☹								
	XNGX1205ZNN-F67	G	2	0.039	0.157	☻				☻		☻	☻				☻	☻	☻						☻	☻							☻

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

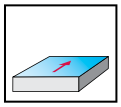
M4003 mm

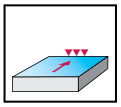
SD .. 09T3AZN; SDHX09T3AZR

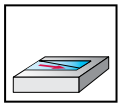




– 4 cutting edges per indexable insert







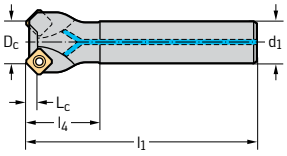






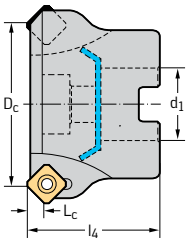
	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-020-A20-02-4.5	20	20	35	110	4.5	2	0.32	2	SD .. 09T3AZN SDHX09T3AZR
M4003-025-A25-03-4.5	25	25	35	110	4.5	3	0.47	3	
M4003-032-A32-04-4.5	32	32	35	110	4.5	4	0.74	4	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-032-B16-04-4.5	32	16	40		4.5	4	0.27	4	SD .. 09T3AZN SDHX09T3AZR
M4003-032-B16-05-4.5	32	16	40		4.5	5	0.27	5	
M4003-040-B16-04-4.5	40	16	40		4.5	4	0.36	4	
M4003-040-B16-06-4.5	40	16	40		4.5	6	0.29	6	
M4003-050-B22-06-4.5	50	22	40		4.5	6	0.51	6	
M4003-050-B22-08-4.5	50	22	40		4.5	8	0.51	8	
M4003-063-B22-07-4.5	63	22	40		4.5	7	0.68	7	
M4003-063-B22-10-4.5	63	22	40		4.5	10	0.67	10	
M4003-080-B27-08-4.5	80	27	50		4.5	8	1.24	8	
M4003-080-B27-12-4.5	80	27	50		4.5	12	1.13	12	
M4003-100-B32-09-4.5	100	32	50		4.5	9	2.02	9	
M4003-100-B32-14-4.5	100	32	50		4.5	14	1.87	14	

Bodies and assembly parts are included in the scope of delivery

D 2

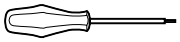
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

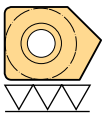
Assembly parts

	D_c [mm]	20–100
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm

Accessories

	D_c [mm]	20–100
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT09T3AZN-F57	G	4	0.3	1.4		☺	☺	☺		☹			☺		☹		☺				☺	☹	☹						☺		☹	
	SDGT09T3AZN-G77	G	4	0.3	1.2						☺					☺																	
	SDHT09T3AZN-G88	H	4	0.3	1.2																							☺	☺				
	SDMT09T3AZN-D57	M	4	0.3	1.2		☺	☺	☺		☹			☺		☹				☺	☺	☺	☹	☹						☺		☹	
	SDMT09T3AZN-F57	M	4	0.3	1.4		☺	☺	☺		☹				☹	☹						☺	☹	☹							☹	☹	
	SDMW09T3AZN-A57	M	4	0.3	1.2			☹	☹									☺					☹	☹									
	SDGW09T3AZR-A88	G	1	0.3	1.2																						☹						
	SDGW09T304-A88	G	1	0.4																							☹						
	SDHX09T3AZR-A88	H	1	0.5	5.6	☺				☺		☺	☺				☺	☺	☺						☺	☺							☺
	SDHT09T304-G88	H	4	0.4																								☺	☺				
	SDHT09T308-G88	H	4	0.8																								☺	☺				
	SDMT09T304-F57	M	4	0.4				☺	☺		☹					☹							☹	☹								☹	
	SDMT09T308-F57	M	4	0.8			☺	☺	☺		☹			☺	☹	☹		☺				☺	☹	☹						☺	☹	☹	
	SDMT09T312-F57	M	4	1.2				☺	☺		☹					☹							☹	☹								☹	
	SDMT09T316-F57	M	4	1.6				☺	☺		☹					☹							☹	☹								☹	
	SDMT09T320-F57	M	4	2				☺	☺		☹			☺	☹	☹							☹	☹						☺	☹	☹	
	SDMT09T308-D51	M	4	0.8			☺	☺	☺		☹					☹						☺	☹	☹								☹	
	SDMT09T308-D57	M	4	0.8			☺	☺	☺		☹			☺		☹				☺		☺	☹	☹						☺		☹	
	SDMW09T308-A57	M	4	0.8			☺	☹	☹													☺	☹	☹									
	SDMW09T320-A57	M	4	2				☹			☹					☹				☺	☺		☹									☹	

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

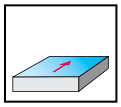
M4003 inch

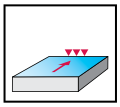
SD .. 09T3AZN; SDHX09T3AZR

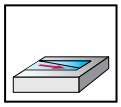


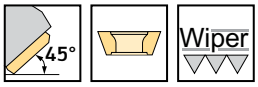


– 4 cutting edges per indexable insert





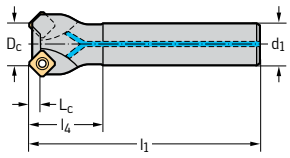




	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

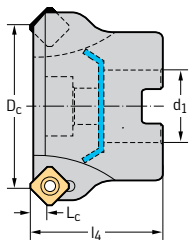
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003,019-A19-02-4.5	0.750	0.750	1.378	4.331	0.177	2	0.644	2	SD .. 09T3AZN SDHX09T3AZR
M4003,026-A26-03-4.5	1.000	1.000	1.378	4.331	0.177	3	1.078	3	



Cylindrical shank

M4003,031-B13-04-4.5	1.250	0.500	1.575		0.177	4	0.507	4	SD .. 09T3AZN SDHX09T3AZR
M4003,038-B19-04-4.5	1.500	0.750	1.575		0.177	4	0.743	4	
M4003,051-B19-06-4.5	2.000	0.750	1.575		0.177	6	1.142	6	
M4003,064-B26-07-4.5	2.500	1.000	1.969		0.177	7	1.881	7	
M4003,076-B26-08-4.5	3.000	1.000	1.969		0.177	8	2.553	8	
M4003,102-B38-09-4.5	4.000	1.500	2.48		0.177	9	6.352	9	



Shell mill mount DIN 138 transverse keyway

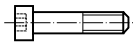
Bodies and assembly parts are included in the scope of delivery

D 2

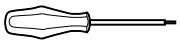
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

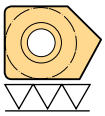
Assembly parts

	D_c [inch]	0.75–2	1.25	2.5–3	4
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1.475 lbs	FS2266 (T10IP) 1.475 lbs	FS2266 (T10IP) 1.475 lbs	FS2266 (T10IP) 1.475 lbs
	Clamping screw for arbor-mounted tools		FS1527	FS1519	FS1583

Accessories

	D_c [inch]	0.75–4
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT09T3AZN-F57	G	4	0.012	0.055		☺	☺	☺		☹			☺		☹		☺				☺	☹	☹					☺		☹	
	SDGT09T3AZN-G77	G	4	0.012	0.047						☺					☺															☺	
	SDHT09T3AZN-G88	H	4	0.012	0.047																							☺	☺				
	SDMT09T3AZN-D57	M	4	0.012	0.047		☺	☺	☺		☹			☺		☹				☺	☺	☺	☹	☹						☺		☹	
	SDMT09T3AZN-F57	M	4	0.012	0.055		☺	☺	☺		☹				☹	☹						☺	☹	☹							☹	☹	
	SDMW09T3AZN-A57	M	4	0.012	0.047			☹	☹									☺					☹	☹										
	SDGW09T3AZR-A88	G	1	0.012	0.047																						☺							
	SDGW09T304-A88	G	1	0.016																							☺							
	SDHX09T3AZR-A88	H	1	0.020	0.22	☺				☺		☺	☺				☺	☺	☺						☺	☺								☺
	SDHT09T304-G88	H	4	0.016																								☺	☺				
	SDHT09T308-G88	H	4	0.031																								☺	☺				
	SDMT09T304-F57	M	4	0.016				☺	☺		☹					☹							☹	☹								☹	
	SDMT09T308-F57	M	4	0.031			☺	☺	☺		☹			☺	☹	☹		☺				☺	☹	☹						☺	☹	☹	
	SDMT09T312-F57	M	4	0.047				☺	☺		☹					☹							☹	☹								☹	
	SDMT09T316-F57	M	4	0.063				☺	☺		☹					☹							☹	☹								☹	
	SDMT09T320-F57	M	4	0.079				☺	☺		☹			☺	☹	☹							☹	☹						☺	☹	☹	
	SDMT09T308-D51	M	4	0.031			☺	☺	☺		☹					☹						☺	☹	☹								☹	
	SDMT09T308-D57	M	4	0.031			☺	☺	☺		☹			☺		☹				☺		☺	☹	☹						☺		☹	
	SDMW09T308-A57	M	4	0.031			☺	☹	☹													☺	☹	☹									
	SDMW09T320-A57	M	4	0.079				☹			☹					☹				☺	☺		☹									☹	

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

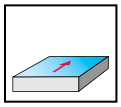
M4003 mm

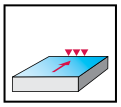
SD .. 1204AZN; SDHX1204AZR

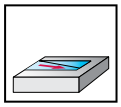




– 4 cutting edges per indexable insert







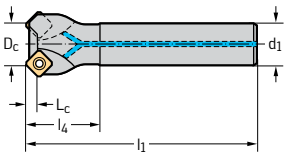






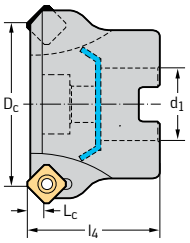
	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



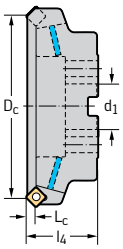
Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-025-A25-02-6.5	25	25	35	110	6.5	2	0.5	2	SD .. 1204AZN SDHX1204AZR



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-040-B16-04-6.5	40	16	40		6.5	4	0.36	4	SD .. 1204AZN SDHX1204AZR
M4003-050-B22-04-6.5	50	22	40		6.5	4	0.5	4	
M4003-050-B22-05-6.5	50	22	40		6.5	5	0.51	5	
M4003-063-B22-05-6.5	63	22	40		6.5	5	0.58	5	
M4003-063-B22-07-6.5	63	22	40		6.5	7	0.65	7	
M4003-080-B27-06-6.5	80	27	50		6.5	6	1.19	6	
M4003-080-B27-09-6.5	80	27	50		6.5	9	1.28	9	
M4003-100-B32-07-6.5	100	32	50		6.5	7	2.05	7	
M4003-100-B32-11-6.5	100	32	50		6.5	11	2.02	11	
M4003-125-B40-08-6.5	125	40	63		6.5	8	3.43	8	
M4003-125-B40-13-6.5	125	40	63		6.5	13	3.39	13	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-160-B40-09-6.5	160	40	63		6.5	9	4.34	9	SD .. 1204AZN SDHX1204AZR
M4003-160-B40-15-6.5	160	40	63		6.5	15	4.29	15	

Bodies and assembly parts are included in the scope of delivery

D 2

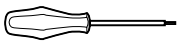
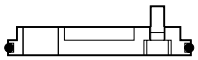
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

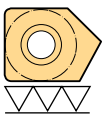
Assembly parts

	D_c [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT1204AZN-F57	G	4	0.3	1.8		😀	😐	😐		😟			😐		😟		😀				😐	😟	😟						😐		😟	
	SDGT1204AZN-G77	G	4	0.3	1.4						😐					😐																	
	SDHT1204AZN-G88	H	4	0.3	1.4																							😀	😐				
	SDMT1204AZN-D57	M	4	0.3	1.4		😀	😐	😐		😟			😐		😟		😀		😐		😐	😟	😟						😐		😟	
	SDMT1204AZN-F57	M	4	0.3	1.8		😀	😐	😐		😟				😟	😟						😐	😟	😟							😟	😟	
	SDMW1204AZN-A57	M	4	0.3	1.4		😐	😟	😟									😀				😐	😟	😟									
	SDHX1204AZR-A88	H	1	0.5	7.5	😀				😊		😀	😊				😀	😀	😀						😊	😊								😀
	SDGW120408-A88	G	1	0.8																							😐						
	SDHT120408-G88	H	4	0.8																								😀	😐				
	SDMT120408-D51	M	4	0.8			😀	😐	😐		😟					😟						😐	😟	😟									😟	
	SDMT120408-D57	M	4	0.8			😀	😐	😐		😟			😐		😟				😐		😐	😟	😟						😐		😟	
	SDMT120408-F57	M	4	0.8			😀	😐	😐		😟			😐	😟	😟		😀				😐	😟	😟						😐	😟	😟	
	SDMT120412-F57	M	4	1.2				😐	😐		😟					😟							😟	😟								😟	
	SDMT120416-F57	M	4	1.6				😐	😐		😟					😟							😟	😟								😟	
	SDMT120420-F57	M	4	2				😐	😐		😟					😟							😟	😟								😟	
	SDMT120425-F57	M	4	2.5				😐	😐		😟			😐	😟	😟							😟	😟						😐	😟	😟	
	SDMW120408-A57	M	4	0.8			😐	😟	😟													😐	😟	😟									
	SDMW120425-A57	M	4	2.5				😟			😟					😟				😐	😐		😟									😟	

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😀 → Good = 😐 → Moderate = 😟

😀 😐 😟 / ★ = New addition to the product range

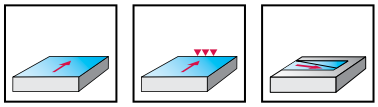
Face milling cutters

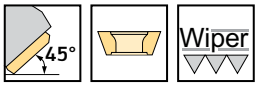
M4003 inch

SD .. 1204AZN; SDHX1204AZR



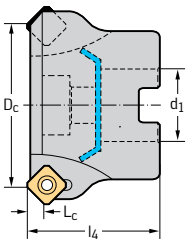
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003,051-B19-04-6.5	2.000	0.750	1.575	0.256	4	1.065	4	SD .. 1204AZN SDHX1204AZR
M4003,064-B26-05-6.5	2.500	1.000	1.969	0.256	5	1.885	5	
M4003,076-B26-06-6.5	3.000	1.000	1.969	0.256	6	2.712	6	
M4003,102-B38-07-6.5	4.000	1.500	2.48	0.256	7	6.894	7	
M4003,127-B38-08-6.5	5.000	1.500	2.48	0.256	8	8.263	8	
M4003,152-B38-09-6.5	6.000	1.500	2.48	0.256	9	11.433	9	

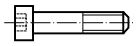
Bodies and assembly parts are included in the scope of delivery

D 2

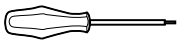
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

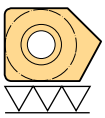
Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools	FS1523	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT1204AZN-F57	G	4	0.012	0.071		☻	☻	☻		☹			☻		☹		☻				☻	☹	☹						☻		☹	
	SDGT1204AZN-G77	G	4	0.012	0.055						☻					☻																☻	
	SDHT1204AZN-G88	H	4	0.012	0.055																							☻	☻				
	SDMT1204AZN-D57	M	4	0.012	0.055		☻	☻	☻		☹			☻		☹		☻		☻		☻	☹	☹						☻		☹	
	SDMT1204AZN-F57	M	4	0.012	0.071		☻	☻	☻		☹				☹	☹						☻	☹	☹							☹	☹	
	SDMW1204AZN-A57	M	4	0.012	0.055		☻	☹	☹									☻				☻	☹	☹									
	SDHX1204AZR-A88	H	1	0.020	0.297	☻				☻		☻	☻				☻	☻	☻						☻	☻								☻
	SDGW120408-A88	G	1	0.031																							☻						
	SDHT120408-G88	H	4	0.031																								☻	☻				
	SDMT120408-D51	M	4	0.031			☻	☻	☻		☹					☹						☻	☹	☹								☹	
	SDMT120408-D57	M	4	0.031			☻	☻	☻		☹			☻		☹				☻		☻	☹	☹						☻		☹	
	SDMT120408-F57	M	4	0.031			☻	☻	☻		☹			☻	☹	☹		☻				☻	☹	☹						☻	☹	☹	
	SDMT120412-F57	M	4	0.047				☻	☻		☹					☹							☹	☹								☹	
	SDMT120416-F57	M	4	0.063				☻	☻		☹					☹							☹	☹								☹	
	SDMT120420-F57	M	4	0.079				☻	☻		☹					☹							☹	☹								☹	
	SDMT120425-F57	M	4	0.098				☻	☻		☹			☻	☹	☹							☹	☹						☻	☹	☹	
	SDMW120408-A57	M	4	0.031			☻	☹	☹													☻	☹	☹									
	SDMW120425-A57	M	4	0.098				☹			☹					☹				☻	☻		☹									☹	

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☹

☻ ☻ ☹ / ★ = New addition to the product range

Heptagon face milling cutters

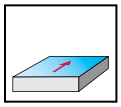
M3024 mm

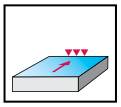
XN . U0705 ..; XNGX0705ANN

Walter BLAXX



– 14 cutting edges per indexable insert





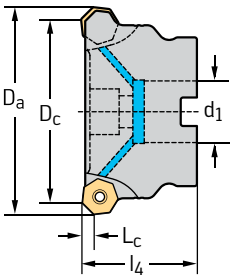




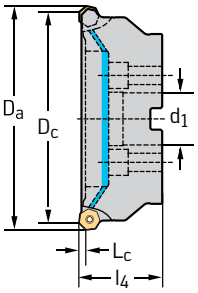


	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-040-B16-03-04	40	49.8	16	40	4	3	0.32	3	XN . U0705 .. XNGX0705ANN
M3024-050-B22-04-04	50	59.8	22	40	4	4	0.53	4	
M3024-050-B22-05-04	50	59.8	22	40	4	5	0.46	5	
M3024-063-B22-05-04	63	72.8	22	40	4	5	0.82	5	
M3024-063-B22-06-04	63	72.8	22	40	4	6	0.77	6	
M3024-080-B27-06-04	80	89.8	27	50	4	6	1.21	6	
M3024-080-B27-07-04	80	89.8	27	50	4	7	1.44	7	
M3024-100-B32-07-04	100	109.8	32	50	4	7	2.71	7	
M3024-100-B32-08-04	100	109.8	32	50	4	8	2.66	8	
M3024-125-B40-08-04	125	134.8	40	63	4	8	3.4	8	
M3024-125-B40-10-04	125	134.8	40	63	4	10	4.28	10	
M3024-160-B40-09-04	160	169.8	40	63	4	9	6.61	9	XN . U0705 .. XNGX0705ANN
M3024-160-B40-12-04	160	169.8	40	63	4	12	5.65	12	

Bodies and assembly parts are included in the scope of delivery

D 2

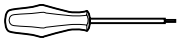
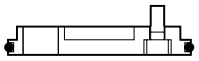
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

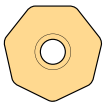
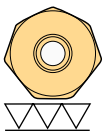
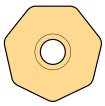
Assembly parts

	D_c [mm]	40–160
	Shim for indexable insert	AP800-XN0705 H81
	Clamping screw for shim	FS2068 (SW 3.5)
	Clamping screw for indexable insert Tightening torque	FS2279 (T15IP) 3 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-3.5 (SW 3.5)	ISO2936-3.5 (SW 3.5)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	XNGU0705ANN-F57	G	14	0.8	1.1		😀	😐	😐		☹			😐		☹					😐	☹	☹			😐		☹	
	XNGX0705ANN-F67	G	2	0.8	5.7	😀				😀		😀	😀				😀	😀	😀					😀	😀					😀
	XNMU070508-F57	M	14	0.8			😀	😐	😐		☹			😐		☹					😐	☹	☹			😐		☹	
	XNMU0705ANN-F27	M	14	0.8	1.1		😀	😐	😐											😐	😐	☹	☹						
	XNMU0705ANN-F57	M	14	0.8	1.1		😀	😐	😐		☹			😐		☹					😐	☹	☹			😐		☹	
	XNMU0705ANN-F67	M	14	0.8	1.1		😀	😐						😐	☹						😐	☹				😐	☹		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😀 → Good = 😐 → Moderate = ☹

Heptagon face milling cutters

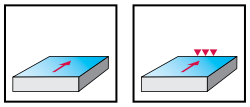
M3024 inch

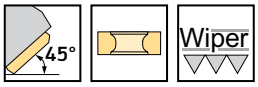
XN . U0705 ..; XNGX0705ANN

Walter BLAXX



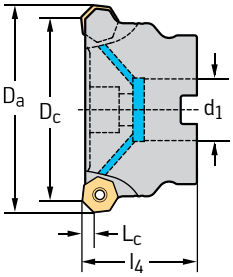
– 14 cutting edges per indexable insert





	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3024,051-B19-04-04	2.000	2.386	0.750	1.575	0.157	4	1.102	4	XN . U0705 .. XNGX0705ANN
M3024,064-B26-06-04	2.500	2.886	1.000	1.575	0.157	6	1.812	6	
M3024,076-B26-07-04	3.000	3.386	1.000	1.969	0.157	7	3.02	7	
M3024,102-B31-08-04	4.000	4.386	1.250	1.969	0.157	8	6.468	8	
M3024,127-B38-10-04	5.000	5.386	1.500	2.48	0.157	10	9.85	10	
M3024,152-B38-12-04	6.000	6.386	1.500	2.48	0.157	12	15.668	12	

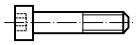
Bodies and assembly parts are included in the scope of delivery

D 2

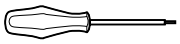
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

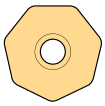
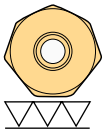
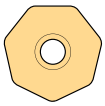
Assembly parts

	D_c [inch]	2	2.5–3	4	5–6
	Shim for indexable insert	AP800-XN0705 H81	AP800-XN0705 H81	AP800-XN0705 H81	AP800-XN0705 H81
	Clamping screw for shim	FS2068 (SW 3.5)	FS2068 (SW 3.5)	FS2068 (SW 3.5)	FS2068 (SW 3.5)
	Clamping screw for indexable insert Tightening torque	FS2279 (T15IP) 2.213 lbs	FS2279 (T15IP) 2.213 lbs	FS2279 (T15IP) 2.213 lbs	FS2279 (T15IP) 2.213 lbs
	Clamping screw for arbor-mounted tools	FS1523	FS1519	FS1339	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Key for shim screw	ISO2936-3.5 (SW 3.5)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	XNGU0705ANN-F57	G	14	0.031	0.043		☻	☻	☻		☻			☻		☻					☻	☻	☻			☻		☻	
	XNGX0705ANN-F67	G	2	0.031	0.224	☻				☻		☻	☻				☻	☻	☻					☻	☻				☻
	XNMU070508-F57	M	14	0.031			☻	☻	☻		☻			☻		☻					☻	☻	☻			☻		☻	
	XNMU0705ANN-F27	M	14	0.031	0.043		☻	☻	☻											☻	☻	☻	☻						
	XNMU0705ANN-F57	M	14	0.031	0.043		☻	☻	☻		☻			☻		☻					☻	☻	☻			☻		☻	
	XNMU0705ANN-F67	M	14	0.031	0.043		☻	☻						☻	☻						☻	☻				☻	☻		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

☻ ☻ ☻ / ★ = New addition to the product range

Heptagon face milling cutters

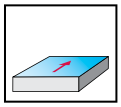
M3024 mm

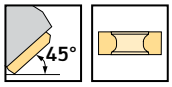
XN . U0906 ..; XNGX0906ANN

Walter BLAXX



– 14 cutting edges per indexable insert

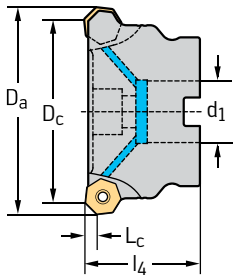




	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

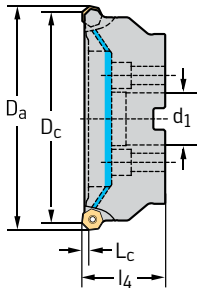
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-063-B22-05-06	63	75.86	22	40	6	5	0.61	5	XN . U0906 .. XNGX0906ANN
M3024-080-B27-06-06	80	92.86	27	50	6	6	1.42	6	
M3024-100-B32-07-06	100	112.86	32	50	6	7	2.74	7	
M3024-125-B40-08-06	125	137.86	40	63	6	8	3.39	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-160-B40-09-06	160	172.86	40	63	6	9	6.49	9	XN . U0906 .. XNGX0906ANN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

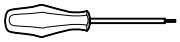
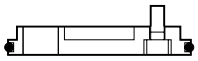
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

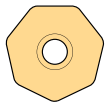
Assembly parts

	D_c [mm]	63–160
	Shim for indexable insert	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 5 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC				M HC				K HC					S HC				
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G
	XNMU090612-F57	M	14	1.2	☺	😐		☹				☹			😐	☹					☹
	XNMU0906ANN-F27	M	14	0.8	☺	😐	😐						😐	😐	😐	☹	☹				
	XNMU0906ANN-F57	M	14	0.8	☺	😐		☹	😐	😐		☹			😐	☹		😐	😐		☹
	XNMU0906ANN-F67	M	14	0.8	☺	😐					☹				😐	☹				☹	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Heptagon face milling cutters

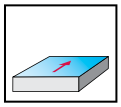
M3024 inch

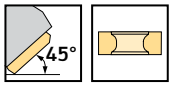
XN . U0906 ..; XNGX0906ANN

Walter BLAXX



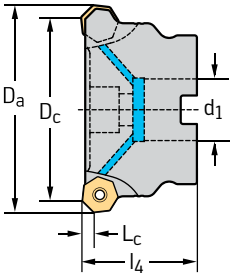
– 14 cutting edges per indexable insert





	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3024,064-B26-05-06	2.500	3.006	1.000	1.575	0.236	5	1.797	5	XN . U0906 .. XNGX0906ANN
M3024,076-B26-06-06	3.000	3.506	1.000	1.969	0.236	6	2.879	6	
M3024,102-B31-07-06	4.000	4.506	1.250	1.969	0.236	7	6.182	7	
M3024,127-B38-08-06	5.000	5.506	1.500	2.48	0.236	8	9.844	8	
M3024,152-B38-09-06	6.000	6.506	1.500	2.48	0.236	9	15.684	9	

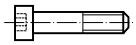
Bodies and assembly parts are included in the scope of delivery

D 2

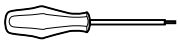
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

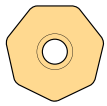
Assembly parts

	D_c [inch]	2.5	3	4	5–6
	Shim for indexable insert	AP800-XN0906 H81	AP800-XN0906 H81	AP800-XN0906 H81	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)	FS2091 (SW 5)	FS2091 (SW 5)	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 3.688 lbs	FS2112 (T20IP) 3.688 lbs	FS2112 (T20IP) 3.688 lbs	FS2112 (T20IP) 3.688 lbs
	Clamping screw for arbor-mounted tools	FS1586	FS1519	FS1339	FS1583

Accessories

	D_c [inch]	2.5–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW 5)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	XNMU090612-F57	M	14	0.047	☺	😐		☹				☹			😐	☹					☹
	XNMU0906ANN-F27	M	14	0.031	☺	😐	😐						😐	😐	😐	☹	☹				
	XNMU0906ANN-F57	M	14	0.031	☺	😐		☹	😐	😐		☹			😐	☹		😐	😐		☹
	XNMU0906ANN-F67	M	14	0.031	☺	😐					☹				😐	☹				☹	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Heavy Duty Face Mill

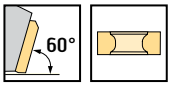
M3016 mm

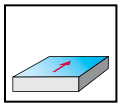
LNMX201012R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

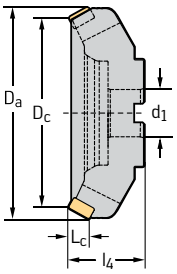




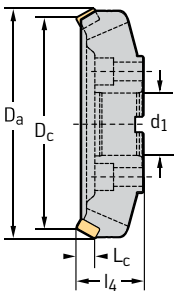
	P	M	K	N	S	H	O
M3016	●●	●	●●		●		

Tool

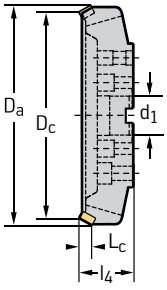
Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3016-125-B40-06-16	125	143.6	40	63	16	6	5.15	6	LNMX201012R
M3016-160-B40-07-16	160	178.6	40	63	16	7	6.38	7	LNMX201012R
M3016-200-B60-09-16	200	218.6	60	63	16	9	11.35	9	
M3016-250-B60-11-16	250	268.6	60	63	16	11	16	11	
M3016-315-B60-13-16	315	333.6	60	80	16	13	32	13	LNMX201012R



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

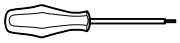
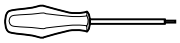
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

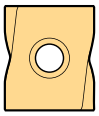
Assembly parts

	D_c [mm]	125–315
	Clamping screw for indexable insert Tightening torque	FS2090 (T20IP) 6.4 Nm
	Clamping screw for stop piece Tightening torque	FS2081 (T15IP) 4 Nm
	Stop piece	FR753

Accessories

	D_c [mm]	125–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for stop piece	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for insert screw	FS2048 (T20IP)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for stop piece	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	LNMX201012R-F27T	M	4	1.2		☹	☹				☹	☹	
	LNMX201012R-F57T	M	4	1.2	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D 2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Heptagon face milling cutters

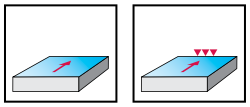
F4045 mm

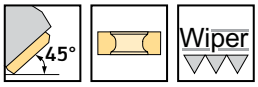
XNHF0705 ..; XNHX0705ANN

Xtra·tec®



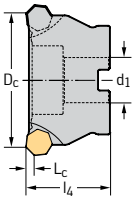
– 14 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4045			●●			●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4045.B27,063.Z09,04	63	27	50	4	9	0.94	9	XNHF0705 .. XNHX0705ANN
F4045.B27,080.Z11,04	80	27	50	4	11	1.48	11	
F4045.B32,100.Z14,04	100	32	50	4	14	2.69	14	
F4045.B40,125.Z18,04	125	40	63	4	18	4.02	18	

Bodies and assembly parts are included in the scope of delivery

D 2

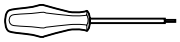
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

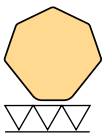
Assembly parts

	D_c [mm]	63–125
	Clamping wedge	FK374
	Clamping screw for clamping wedge Tightening torque	FS2134 (T15IP) 6 Nm

Accessories

	D_c [mm]	63–125
	Torque T-handle	FS2041
	Interchangeable blade for clamping wedge	FS2047 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	K WAK15	K WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	H HC WHH15X
	XNHF070508-D27	H	14	0.8		☺					☺		☺			
	XNHF070508-D57	H	14	0.8		☺		☺			☺		☺		☹	
	XNHF070508-D67	H	14	0.8					☺				☺			
	XNMF070508-D27	M	14	0.8		☺		☺			☺		☺		☹	
	XNMF070508-F57	M	14	0.8							☺	☺				
	XNHF0705ANN-D27	H	14	0.8	1.1	☺					☺		☺			
	XNHF0705ANN-D57	H	14	0.8	1.1	☺	☺				☺		☺	☹		
	XNHF0705ANN-D67	H	14	0.8	1.1				☺							
	XNHX0705ANN-D67	H	2	0.8	5.8				☺	☺						☺

XNHX0705ANN-D67 wiper insert only in combination with XNHF070508 . .

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Heptagon face milling cutters

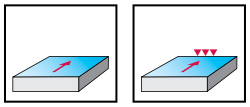
F4045 mm

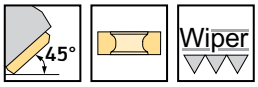
XNHF0906 ..; XNHX0906ANN

Xtra·tec®



– 14 cutting edges per indexable insert

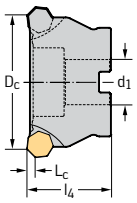




	P	M	K	N	S	H	O
F4045			●●			●	

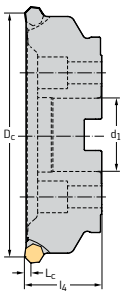
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4045.B32,100.Z12,06	100	32	50	6	12	2.77	12	XNHF0906 .. XNHX0906ANN
F4045.B40,125.Z16,06	125	40	63	6	16	3.99	16	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4045.B40,160.Z20,06	160	40	63	6	20	6.37	20	XNHF0906 .. XNHX0906ANN



Shell mill mount DIN 138 transverse keyway

D 2

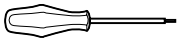
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

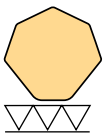
New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	100	125–160
	Clamping wedge		FK375
	Clamping screw for clamping wedge		FS2157 (T25IP) 6 Nm

Accessories

	D_c [mm]	100	125–160
	Torque T-handle		FS2041
	Interchangeable blade for clamping wedge		FS2049 (T25IP)
	Screwdriver		FS1487 (T25IP)

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	H HC WHH15X
	XNHF090612-D27	H	14	1.2		☺	☺				☹		☹	☹		
	XNHF090612-D57	H	14	1.2		☺		☹			☹		☹		☹	
	XNMF090612-D27	M	14	1.2		☺	☹				☹	☹	☹	☹		
	XNMF090612-D57	M	14	1.2			☹				☹	☹		☹		
	XNMF090612-F57	M	14	1.2		☺					☹		☹			
	XNHF0906ANN-D27	H	14	0.8	1.4	☺					☹		☹			
	XNHF0906ANN-D57	H	14	0.8	1.4	☺	☹	☹			☹		☹	☹	☹	
	XNHX0906ANN-D67	H	2	0.6	7.5				☹	☹						☹

XNHX0906ANN-D67 wiper insert only in combination with XNHF090612...

HC = Coated carbide

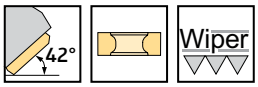
D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☒

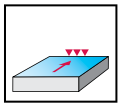
☺ ☹ ☒ / ★ = New addition to the product range

Octagonal Finishing Face Mill
M2025 / M2026 mm
ONHF050408

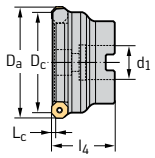
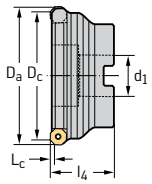
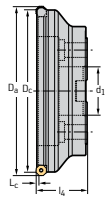




– 16 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2025			●●			●	
M2026			●●			●	

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z*	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M2025-080-B27-12-03	80	88	27	50	3	12	1.46	9	ONHF050408
 Shell mill mount DIN 138 transverse keyway	M2025-100-B32-15-03	100	108	32	50	3	15	1.97	12	ONHF050408
	M2025-125-B40-18-03	125	133	40	63	3	18	4.16	15	
	M2025-160-B40-21-03	160	168	40	63	3	21	5.1	18	
 Shell mill mount DIN 138 transverse keyway	M2026-200-B60-27-03	200	208	60	63	3	27	9.29	24	ONHF050408
	M2026-250-B60-33-03	250	258	60	63	3	33	15.22	30	

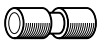
*Example: Z = 9 + 3 (9 roughing inserts + 3 wiper cutting edges) | Bodies and assembly parts are included in the scope of delivery

D 2

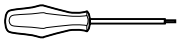
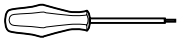
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

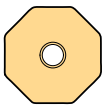
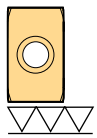
Assembly parts

	Type	ONHF050408
	Clamping wedge	FK379
	Clamping screw for clamping wedge Tightening torque	K24-111 (T15IP) 6.5 Nm
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2.5 Nm

Accessories

	Type	ONHF050408
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for clamping wedge	FS2047 (T15IP)
	Screwdriver for clamping screw	FS1486 (T20IP)
	Screwdriver for clamping wedge	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	K HC WAK15	K HC WHH15X	K HC WKP25S	H HC WHH15X
	ONHF050408-F67	H	16	0.8		☺	☺	☺	☺	😐	☺
	P45424-1-G67	G	4		8	☺		☺	☺		☺
	P45424-2-G67	G	4		15	☺		☺	☺		☺

HC = Coated carbide

D 2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

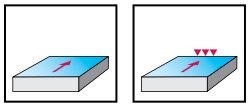
Face milling cutters for light metals

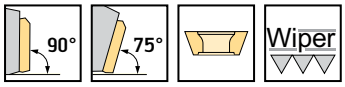
F2250 mm

SPH . 1204 . DR



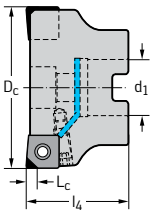
– Adjustable runout
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F2250				●●			

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2250.B22,063.Z05,03	63	22	40	3	5	0.43	5	SPH . 1204 . DR
F2250.B27,080.Z06,03	80	27	50	3	6	0.78	6	
F2250.B32,100.Z07,03	100	32	50	3	7	1.3	7	

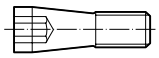
Pre-balanced tools | D_c 63–100 mm, basic body made of steel; *Approach angle κ = 75° (EDR) / κ = 90° (PDR) | Bodies and assembly parts are included in the scope of delivery

D 2

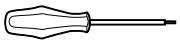
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

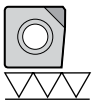
Assembly parts

	D_c [mm]	63–100
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Countersunk screw Tightening torque	FS1148 (SW 2.5) 3.5 Nm
	Balancing screw Tightening torque	FS1145 (SW 2.5) 3.5 Nm

Accessories

	D_c [mm]	63–100
	Screwdriver for indexable insert	FS228 (T20)
	ISO 2936 key: Tapered/balancing screw	ISO2936-2.5 (SW 2.5)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	N DP WCD10
	SPHW1204EDR-A88	H	1	1.5	☻
	SPHW1204PDR-A88	H	1	1.5	☻
	SPHX1204PDR-A88	H	1	3.5	☻

SPHX1204PDR-A88 wiper insert only in combination with SPHW1204PDR-A88 . .

DP = Polycrystalline diamond

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

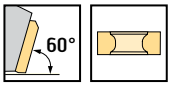
☻ 😐 ☹ / ★ = New addition to the product range

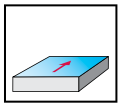
Heavy Duty Face Mill

F2260 mm



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

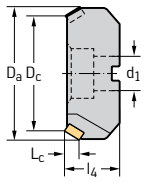




	P	M	K	N	S	H	O
F2260	●		●●				

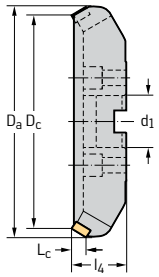
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2260.B.100.Z06,11	100	113	32	50	11	6	2.17	6	LNMU150812
F2260.B.125.Z08,11	125	138	40	63	11	8	3.54	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2260.B.160.Z10,11	160	173	40	63	11	10	5.43	10	LNMU150812
F2260.B.200.Z12,11	200	213	60	63	11	12	10.82	12	
F2260.B.250.Z14,11	250	263	60	63	11	14	15.6	14	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

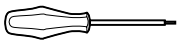
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	100–250
	Clamping screw for indexable insert Tightening torque	FS1009 (T20) 5 Nm

Accessories

	D_c [mm]	100–250
	Screwdriver for indexable insert	FS228 (T20)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	LNMU150812-F57T	M	4	1.2	☺	😐	😐	☹	☹	☺	😐	☹	☹	☹
	LNMU150812T-F27T	M	4	1.2	😐	☹	☹				😐	☹	☹	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

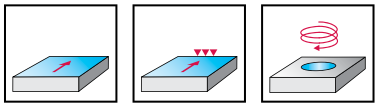
Face milling cutters

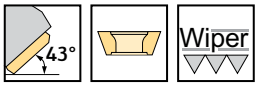
F2010 mm

OD .. 0605 ..; ODHX0605ZZR

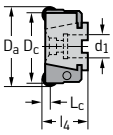
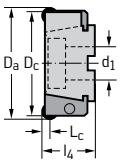
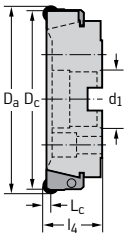
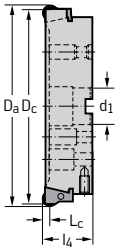


– Adjustable runout
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,04.R592M	80	90	27	50	4	6	1.22	6	OD .. 0605 .. ODHX0605ZZR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,04.R592M	100	110	32	50	4	7	1.82	7	OD .. 0605 .. ODHX0605ZZR
	F2010.B.125.Z08,04.R592M	125	135	40	63	4	8	3.72	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,04.R592M	160	170	40	63	4	10	5.53	10	OD .. 0605 .. ODHX0605ZZR
	F2010.B.200.Z12,04.R592M	200	210	60	63	4	12	8.08	12	
	F2010.B.250.Z12,04.R592M	250	260	60	63	4	12	15.55	12	
	F2010.B.250.Z16,04.R592M	250	260	60	63	4	16	16.3	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,04.R592M	315	325	60	80	4	14	27.5	14	OD .. 0605 .. ODHX0605ZZR
	F2010.B.315.Z18,04.R592M	315	325	60	80	4	18	27.5	18	

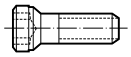
Bodies and assembly parts are included in the scope of delivery

D 2

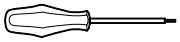
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

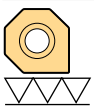
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR592M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	ODHX0605ZZN... Cartridge: Finishing insert	FR681M
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Interchangeable blade	FS2051 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ODHT060512-F57	H	8	1.2				☻	☻	☹			☹						☹	☹					☹	
	ODHW060516-A57	H	8	1.6										☺												
	ODMT060512-D57	M	8	1.2				☻	☻	☹	☻		☹				☻		☹	☹			☻		☹	
	ODMW060508-A57	M	8	0.8			☻	☹	☹						☺		☻	☻	☹	☹						
	ODMW060508T-A27	M	8	0.8			☻	☹	☹								☻	☻	☹	☹						
	ODHT0605ZZN-F57	H	8	0.8	1.6		☺	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHT0605ZZN-G77	H	8	0.8	1.6					☻			☻												☻	
	ODHT0605ZZN-G88	H	8	0.8	1.6																☺	☻				
	ODHW0605ZZN-A57	H	8	0.8	1.6		☻	☹	☹						☺			☻	☹	☹						
	ODMT0605ZZN-D57	M	8	0.8	1.6		☺	☻	☻	☹	☻	☹	☹				☻	☻	☹	☹			☻	☹	☹	
	ODMT0605ZZN-F57	M	8	0.8	1.6		☺	☻	☻	☹	☻		☹					☻	☹	☹			☻		☹	
	ODHX0605ZZR-A57	H	1	0.8	9.4	☺									☺	☺										☺

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

☺ ☻ ☹ / ★ = New addition to the product range

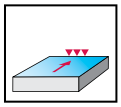
Face milling cutters

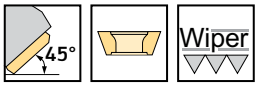
F2010 mm

ODHX0605ZZN

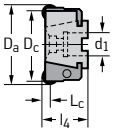
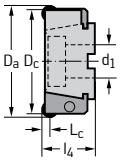
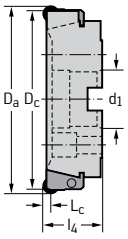
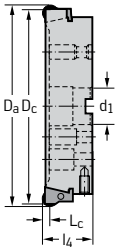


– Adjustable runout
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●	●●				

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,02.R681M	80	90	27	50	2	6	1.28	6	ODHX0605ZZN
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,02.R681M	100	110	32	50	2	7	1.87	7	ODHX0605ZZN
	F2010.B.125.Z08,02.R681M	125	135	40	63	2	8	3.7	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,02.R681M	160	170	40	63	2	10	5.68	10	ODHX0605ZZN
	F2010.B.200.Z12,02.R681M	200	210	60	63	2	12	9.8	12	
	F2010.B.250.Z16,02.R681M	250	260	60	63	2	16	16.13	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18,02.R681M	315	325	60	80	2	18	27.54	18	ODHX0605ZZN

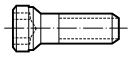
Bodies and assembly parts are included in the scope of delivery

D 2

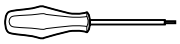
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

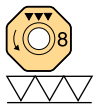
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR681M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	H HC WHH15X
	ODHX0605ZZN-A57	H	8	6	☺					☺	☺			☺
	ODHX0605ZZN-A88	H	8	6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

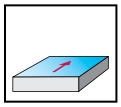
Face milling cutters

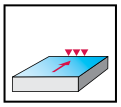
F2010 mm

SD .. 1204AZN; SDHX1204AZR



– Adjustable runout
– 4 cutting edges per indexable insert



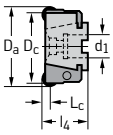
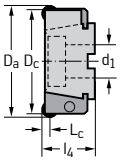
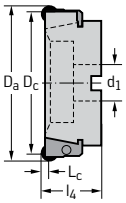
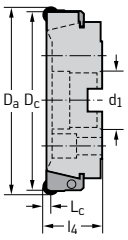








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,06.R758M	80	94	27	50	6	6	1.2	6	SD .. 1204AZN SDHX1204AZR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,06.R758M	100	114	32	50	6	7	1.8	7	SD .. 1204AZN SDHX1204AZR
	F2010.B.125.Z08,06.R758M	125	139	40	63	6	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,06.R758M	160	174	40	63	6	10	5.5	10	SD .. 1204AZN SDHX1204AZR
	F2010.B.200.Z12,06.R758M	200	214	60	63	6	12	8.3	12	
	F2010.B.250.Z12,06.R758M	250	264	60	63	6	12	14.7	12	
	F2010.B.250.Z16,06.R758M	250	264	60	63	6	16	14.6	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,06.R758M	315	329	60	80	6	14	26.3	14	SD .. 1204AZN SDHX1204AZR
	F2010.B.315.Z18,06.R758M	315	329	60	80	6	18	26.2	18	

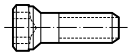
Bodies and assembly parts are included in the scope of delivery

D 2

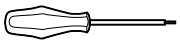
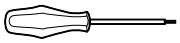
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

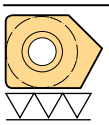
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR758M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT1204AZN-F57	G	4	0.3	1.8		☺	😐	😐		☹			😐		☹		☺				😐	☹	☹						😐		☹	
	SDGT1204AZN-G77	G	4	0.3	1.4						☹					☹																	
	SDHT1204AZN-G88	H	4	0.3	1.4																							☺	😐				
	SDMT1204AZN-D57	M	4	0.3	1.4		☺	😐	😐		☹			😐		☹		☺		😐		😐	☹	☹						😐		☹	
	SDMT1204AZN-F57	M	4	0.3	1.8		☺	😐	😐		☹				☹	☹						😐	☹	☹							☹	☹	
	SDMW1204AZN-A57	M	4	0.3	1.4		😐	☹	☹									☺				😐	☹	☹									
	SDGW120408-A88	G	1	0.8																						😐							
	SDHT120408-G88	H	4	0.8																								☺	😐				
	SDMT120408-D51	M	4	0.8			☺	😐	😐		☹					☹						😐	☹	☹								☹	
	SDMT120408-D57	M	4	0.8			☺	😐	😐		☹			😐		☹				😐		😐	☹	☹						😐		☹	
	SDMT120408-F57	M	4	0.8			☺	😐	😐		☹			😐	☹	☹		☺				😐	☹	☹						😐	☹	☹	
	SDMT120412-F57	M	4	1.2				😐	😐		☹					☹							☹	☹								☹	
	SDMT120416-F57	M	4	1.6				😐	😐		☹					☹							☹	☹								☹	
	SDMT120420-F57	M	4	2				😐	😐		☹					☹							☹	☹								☹	
	SDMT120425-F57	M	4	2.5				😐	😐		☹			😐	☹	☹							☹	☹						😐	☹	☹	
	SDMW120408-A57	M	4	0.8			😐	☹	☹													😐	☹	☹									
	SDMW120425-A57	M	4	2.5				☹			☹					☹				😐	😐		☹									☹	
	SDHX1204AZR-A88	H	1	0.5	7.5	☺				☺		☺	☺				☺	☺	☺						☺	☺								☺

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

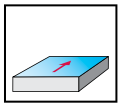
Face milling cutters

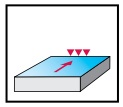
F2010 mm

SN . X1205 ..; XNGX1205ANN



– Adjustable runout
– 8 cutting edges per indexable insert

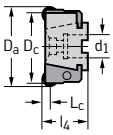
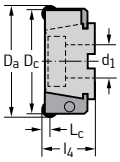
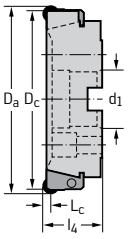
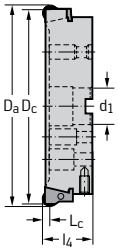








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,06.R720M	80	94	27	50	6.5	6	1.36	6	SN . X1205 .. XNGX1205ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,06.R720M	100	114	32	50	6.5	7	1.97	7	SN . X1205 .. XNGX1205ANN
	F2010.B.125.Z08,06.R720M	125	139	40	63	6.5	8	3.62	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,06.R720M	160	174	40	63	6.5	10	5.74	10	SN . X1205 .. XNGX1205ANN
	F2010.B.200.Z12,06.R720M	200	214	60	63	6.5	12	9.78	12	
	F2010.B.250.Z12,06.R720M	250	264	60	63	6.5	12	16.55	12	
	F2010.B.250.Z16,06.R720M	250	264	60	63	6.5	16	16.2	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,06.R720M	315	329	60	80	6.5	14	27.53	14	SN . X1205 .. XNGX1205ANN
	F2010.B.315.Z18,06.R720M	315	329	60	80	6.5	18	28	18	

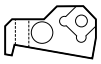
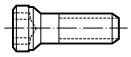
Bodies and assembly parts are included in the scope of delivery

D 2

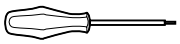
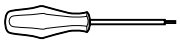
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

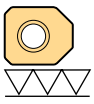
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR720M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Cartridge: XNGX1205ANN-F67 finish insert	FR730M
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1.2			☺	😐	😐			😐		😐															😐			
	SNMX120512-D27	M	8	1.2			☺	😐	😐												😐	😐	😐									
	SNMX120520-D27	M	8	2			☺	😐	😐												😐	😐	😐									
	SNMX120512-F27	M	8	1.2			☺	😐	😐														😐									
	SNMX120512-F57	M	8	1.2			☺	😐	😐			😐		😐	😐						😐	😐	😐						😐	😐		
	SNMX120520-F57	M	8	2			☺	😐	😐			😐		😐	😐						😐	😐	😐						😐	😐		
	SNMX120512-F67	M	8	1.2			☺	😐	😐			😐		😐	😐			☺				😐	😐						😐	😐		
	SNGX1205ANN-F27	G	8	0.8	1.5		☺	😐	😐													😐	😐								
	SNGX1205ANN-F57	G	8	0.8	1.5		☺	😐	😐			😐		😐		😐					😐		😐	😐					😐			
	SNGX1205ANN-F67	G	8	0.8	1.5		☺	😐	😐			😐		😐		😐		☺				😐	😐						😐			
	SNHX1205ANN-K88	H	8	0.8	1.5																					☺	😐				
	SNMX1205ANN-F27	M	8	0.8	1.5		☺	😐	😐													😐	😐								
	SNMX1205ANN-F57	M	8	0.8	1.5		☺	😐	😐											😐		😐	😐								
	SNMX1205ANN-F67	M	8	0.8	1.5		☺	😐	😐									☺				😐	😐								
	XNGX1205ANN-F67	G	2	1.2	4.7	☺				☺		☺	☺				☺	☺	☺						☺	☺						☺

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😣

☺ 😐 😣 / ★ = New addition to the product range

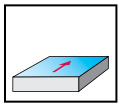
Face milling cutters

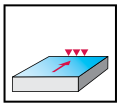
F2010 mm

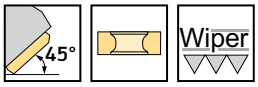
XN . U0705 ..; XNGX0705ANN



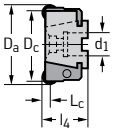
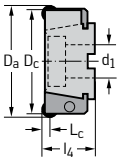
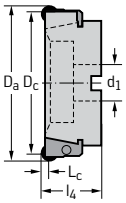
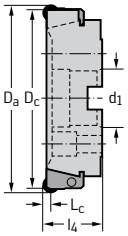
– Adjustable runout
– 14 cutting edges per indexable insert







	P	M	K	N	S	H	O
F2010	●●	●●	●●		●●		

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,04.R759M	80	90	27	50	4	6	1.2	6	XN . U0705 .. XNGX0705ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,04.R759M	100	110	32	50	4	7	1.8	7	XN . U0705 .. XNGX0705ANN
	F2010.B.125.Z08,04.R759M	125	135	40	63	4	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,04.R759M	160	170	40	63	4	10	5.5	10	XN . U0705 .. XNGX0705ANN
	F2010.B.200.Z12,04.R759M	200	210	60	63	4	12	8.3	12	
	F2010.B.250.Z12,04.R759M	250	260	60	63	4	12	14.7	12	
	F2010.B.250.Z16,04.R759M	250	260	60	63	4	16	16.37	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,04.R759M	315	325	60	80	4	14	26.3	14	XN . U0705 .. XNGX0705ANN
	F2010.B.315.Z18,04.R759M	315	325	60	80	4	18	26.2	18	

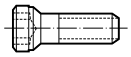
Bodies and assembly parts are included in the scope of delivery

D 2

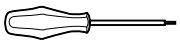
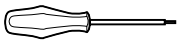
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

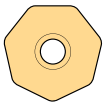
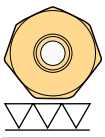
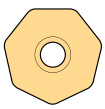
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR759M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	XNGU0705ANN-F57	G	14	0.8	1.1		☻	☻	☻		☠			☻		☠					☻	☠	☠			☻		☠	
	XNGX0705ANN-F67	G	2	0.8	5.7	☻				☻		☻	☻				☻	☻	☻					☻	☻				☻
	XNMU070508-F57	M	14	0.8			☻	☻	☻		☠			☻		☠					☻	☠	☠			☻		☠	
	XNMU0705ANN-F27	M	14	0.8	1.1		☻	☻	☻											☻	☻	☠	☠						
	XNMU0705ANN-F57	M	14	0.8	1.1		☻	☻	☻		☠			☻		☠					☻	☠	☠			☻		☠	
	XNMU0705ANN-F67	M	14	0.8	1.1		☻	☻						☻	☠						☻	☠				☻	☠		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☠

☻ 😐 ☠ / ★ = New addition to the product range

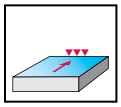
Face milling cutters

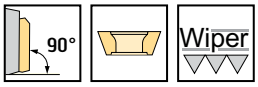
F2010 mm

P2903-2R



– Adjustable runout
– 3 cutting edges per indexable insert

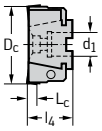




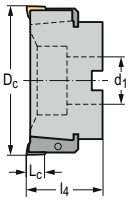
	P	M	K	N	S	H	O
F2010	●●	●	●●			●	

Tool

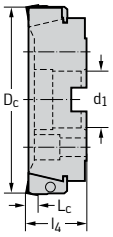
Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2010.B.080.Z06,09.R500M	80		27	50	9	6	1.14	6	P2903-2R
F2010.B.100.Z07,09.R500M	100		32	50	9	7	1.15	7	P2903-2R
F2010.B.125.Z08,09.R500M	125		40	63	9	8	3.31	8	
F2010.B.160.Z10,09.R500M	160		40	63	9	10	5.27	10	P2903-2R
F2010.B.200.Z12,09.R500M	200		60	63	9	12	9.5	12	
F2010.B.250.Z12,09.R500M	250		60	63	9	12	16.25	12	
F2010.B.250.Z16,09.R500M	250		60	63	9	16	16.5	16	
F2010.B.315.Z14,09.R500M	315		60	80	9	14	27.63	14	P2903-2R
F2010.B.315.Z18,09.R500M	315		60	80	9	18	27.35	18	



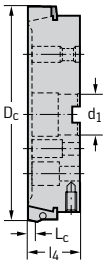
Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

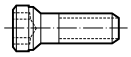
Bodies and assembly parts are included in the scope of delivery

D 2

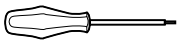
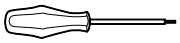
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR500M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS244 (T15) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS229 (T15)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2009 (T15)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	N HW WK10	H HC WHH15X
	P2903-2R	A	3	3.5	☺	☺	☺	☺	☺	☺	☺	☺	☺	😐	☺

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

High-feed milling cutter

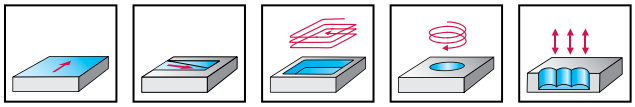
M5008 mm

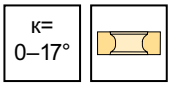
ENMX08T316R

Xtra·tec® XT



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
M5008-016-T14-02-01	10.1	16	14.5	25		1	2.9	2	0.03	2	ENMX08T316R
M5008-020-T18-03-01	14.1	20	18.5	30		1	2.9	3	0.06	3	
M5008-020-T18-04-01	14.1	20	18.5	30		1	2.9	4	0.06	4	
M5008-025-T22-04-01	19.1	25	22	35		1	2.9	4	0.09	4	
M5008-025-T22-05-01	19.1	25	22	35		1	2.9	5	0.1	5	
M5008-030-T28-04-01	24.1	30	28	40		1	2.9	4	0.18	4	
M5008-030-T28-05-01	24.1	30	28	40		1	2.9	5	0.17	5	
M5008-032-T28-05-01	26.1	32	28	40		1	2.9	5	0.17	5	
M5008-032-T28-06-01	26.1	32	28	40		1	2.9	6	0.19	6	
M5008-035-T28-05-01	29.1	35	28	40		1	2.9	5	0.2	5	
M5008-035-T28-06-01	29.1	35	28	40		1	2.9	6	0.2	6	
M5008-040-T36-06-01	34.1	40	36	40		1	2.9	6	0.33	6	
M5008-040-T36-08-01	34.1	40	36	40		1	2.9	8	0.35	8	
M5008-042-T36-06-01	36.1	42	36	40		1	2.9	6	0.34	6	
M5008-042-T36-08-01	36.1	42	36	40		1	2.9	8	0.33	8	
Cylindrical modular											
M5008-016-TC08-02-01	10.1	16	14.5	25		1	2.9	2	0.03	2	ENMX08T316R
M5008-020-TC10-03-01	14.1	20	18.5	30		1	2.9	3	0.06	3	
M5008-020-TC10-04-01	14.1	20	18.5	30		1	2.9	4	0.04	4	
M5008-025-TC12-04-01	19.1	25	22	35		1	2.9	4	0.08	4	
M5008-025-TC12-05-01	19.1	25	22	35		1	2.9	5	0.08	5	
M5008-030-TC16-04-01	24.1	30	28	40		1	2.9	4	0.16	4	
M5008-030-TC16-05-01	24.1	30	28	40		1	2.9	5	0.16	5	
M5008-032-TC16-05-01	26.1	32	28	40		1	2.9	5	0.18	5	
M5008-032-TC16-06-01	26.1	32	28	40		1	2.9	6	0.17	6	
M5008-035-TC16-05-01	29.1	35	28	40		1	2.9	5	0.19	5	
M5008-035-TC16-06-01	29.1	35	28	40		1	2.9	6	0.21	6	
M5008-040-TC16-06-01	34.1	40	28	40		1	2.9	6	0.22	6	
M5008-040-TC16-08-01	34.1	40	28	40		1	2.9	8	0.23	8	
M5008-042-TC16-06-01	36.1	42	28	40		1	2.9	6	0.27	6	
M5008-042-TC16-08-01	36.1	42	28	40		1	2.9	8	0.25	8	
Cylindrical shank											
M5008-016-A16-02-01	10	16	16	30	100	1	2.9	2	0.14	2	ENMX08T316R
M5008-020-A20-03-01	14.1	20	20	50	130	1	2.9	3	0.27	3	
M5008-020-A20-04-01	14.1	20	20	50	130	1	2.9	4	0.28	4	
M5008-025-A25-04-01	19.1	25	25	60	140	1	2.9	4	0.32	4	
M5008-025-A25-05-01	19.1	25	25	60	140	1	2.9	5	0.49	5	
M5008-032-A32-05-01	26.1	32	32	70	150	1	2.9	5	0.84	5	
M5008-032-A32-06-01	26.1	32	32	70	150	1	2.9	6	0.83	6	

Bodies and assembly parts are included in the scope of delivery

D2

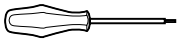
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

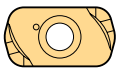
Assembly parts

	D_a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_a [mm]	16	20	25	30–35	40–42	50–66
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX08T316R-D27	M	4	1.6	☹	☺	😐	😐	☹	😐		☹	😐	😐	☹	☹	😐		☹	☺
	ENMX08T316R-F47	M	4	1.6		☺	😐	😐	☹	😐	☹	☹		😐	☹	☹	😐	☹	☹	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

High-feed milling cutter

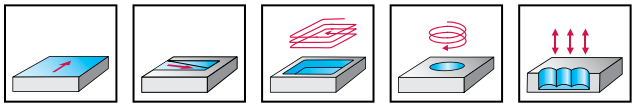
M5008 mm

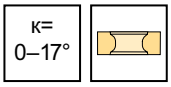
ENMX08T316R

Xtra·tec® XT



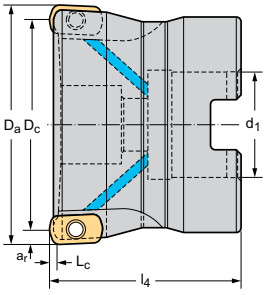
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M5008-032-B16-05-01	26.1	32	16	40		1	2.9	5	0.25	5	ENMX08T316R
M5008-032-B16-06-01	26.1	32	16	40		1	2.9	6	0.27	6	
M5008-035-B16-05-01	29.1	35	16	40		1	2.9	5	0.14	5	
M5008-035-B16-06-01	29.1	35	16	40		1	2.9	6	0.27	6	
M5008-040-B16-06-01	34.1	40	16	40		1	2.9	6	0.18	6	
M5008-040-B16-08-01	34.1	40	16	40		1	2.9	8	0.34	8	
M5008-042-B16-06-01	36.1	42	16	40		1	2.9	6	0.34	6	
M5008-042-B16-08-01	36.1	42	16	40		1	2.9	8	0.23	8	
M5008-050-B22-07-01	44.1	50	22	40		1	2.9	7	0.44	7	
M5008-050-B22-09-01	44.1	50	22	40		1	2.9	9	0.47	9	
M5008-052-B22-07-01	46.1	52	22	40		1	2.9	7	0.32	7	
M5008-052-B22-09-01	46.1	52	22	40		1	2.9	9	0.38	9	
M5008-063-B22-08-01	57.1	63	22	40		1	2.9	8	0.49	8	
M5008-063-B22-10-01	57.1	63	22	40		1	2.9	10	0.51	10	
M5008-066-B27-08-01	60.1	66	27	50		1	2.9	8	0.95	8	
M5008-066-B27-10-01	60.1	66	27	50		1	2.9	10	0.97	10	

Bodies and assembly parts are included in the scope of delivery

D 2

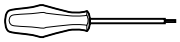
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

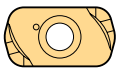
Assembly parts

	D_a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_a [mm]	16	20	25	30–35	40–42	50–66
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P					M			K				S			H
						HC					HC			HC				HC			HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G	WHH15X
	ENMX08T316R-D27	M	4	1.6	☹	☺	😐	😐	☹	😐		☹	😐	😐	☹	☹	😐		☹	😐
	ENMX08T316R-F47	M	4	1.6		☺	😐	😐	☹	😐	☹	☹		😐	☹	☹	😐	☹	☹	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

High-feed milling cutter

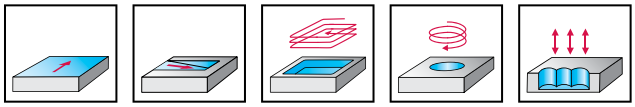
M5008 inch

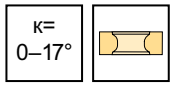
ENMX08T316R

Xtra·tec® XT



– 4 cutting edges per indexable insert

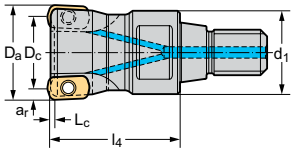




	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

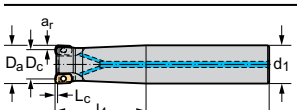
Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
M5008,015-T14-02-01	0.394	0.625	0.571	0.984		0.039	0.114	2	0.084	2	ENMX08T316R
M5008,019-T18-03-01	0.516	0.750	0.728	1.181		0.039	0.114	3	0.099	3	
M5008,026-T22-04-01	0.768	1.000	0.866	1.378		0.039	0.114	4	0.201	4	
M5008,026-T22-05-01	0.768	1.000	0.866	1.378		0.039	0.114	5	0.218	5	
M5008,031-T28-05-01	1.016	1.250	1.102	1.575		0.039	0.114	5	0.408	5	
M5008,031-T28-06-01	1.016	1.250	1.102	1.575		0.039	0.114	6	0.397	6	
M5008,038-T36-06-01	1.268	1.500	1.417	1.575		0.039	0.114	6	0.705	6	
M5008,038-T36-08-01	1.268	1.500	1.417	1.575		0.039	0.114	8	0.69	8	



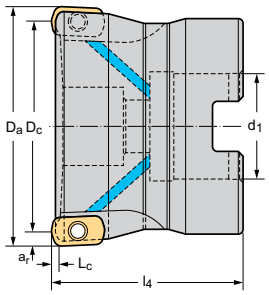
ScrewFit

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
M5008,015-A15-02-01	0.394	0.625	0.625	1.000	4.000	0.039	0.114	2	0.315	2	ENMX08T316R
M5008,015-A15-02-01-L	0.394	0.625	0.625	1.250	4.000	0.039	0.114	2	0.282	2	
M5008,019-A19-03-01	0.516	0.750	0.750	1.000	5.000	0.039	0.114	3	0.542	3	
M5008,019-A19-03-01-L	0.516	0.750	0.750	2.000	5.000	0.039	0.114	3	0.516	3	
M5008,026-A26-04-01	0.768	1.000	1.000	1.000	5.500	0.039	0.114	4	1.107	4	
M5008,026-A26-04-01-L	0.768	1.000	1.000	2.500	6.000	0.039	0.114	4	1.160	4	
M5008,026-A26-05-01	0.768	1.000	1.000	1.000	5.500	0.039	0.114	5	1.096	5	
M5008,026-A26-05-01-L	0.768	1.000	1.000	2.500	6.000	0.039	0.114	5	1.160	5	



Cylindrical shank

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
M5008,038-B19-06-01	1.268	1.500	0.750	1.500		0.039	0.114	6	0.69	6	ENMX08T316R
M5008,038-B19-08-01	1.268	1.500	0.750	1.500		0.039	0.114	8	0.384	8	
M5008,051-B19-07-01	1.768	2.000	0.750	1.500		0.039	0.114	7	0.591	7	
M5008,051-B19-09-01	1.768	2.000	0.750	1.500		0.039	0.114	9	0.584	9	
M5008,064-B26-08-01	2.268	2.500	1.000	1.577		0.039	0.114	8	1.166	8	
M5008,064-B26-10-01	2.268	2.500	1.000	1.577		0.039	0.114	10	1.146	10	
★ M5008,076-B26-12-01	2.768	3.000	1.000	2.000		0.039	0.114	12	2.161	12	



Shell mill mount DIN 138 transverse keyway

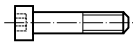
Bodies and assembly parts are included in the scope of delivery

D 2

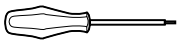
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

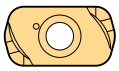
Assembly parts

	D_a [inch]	0.625–1.25	1.5–2	2.5–3
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0.885 lbs	FS1454 (T8IP) 0.885 lbs	FS1454 (T8IP) 0.885 lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1519

Accessories

	D_a [inch]	0.625	0.75	1	1.25	1.5	2–3
	Torque screwdriver, analog	FS2002	FS2002	FS2002	FS2002	FS2002	FS2002
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX08T316R-D27	M	4	0.063	☹	☺	😐	😐	☹	😐		☹	😐	😐	☹	☹	😐		☹	😐
	ENMX08T316R-F47	M	4	0.063		☺	😐	😐	☹	😐	☹	☹		😐	☹	☹	😐	☹	☹	

HC = Coated carbide

D2

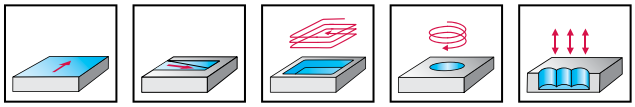
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

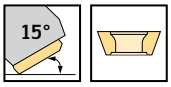
High-feed milling cutter

M4002 mm



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
M4002-020-T18-02-01	8.4	20	18.5	30		1	5.7	2	0.07	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-T22-02-01.5	8.3	25	22	40		1.5	8.4	2	0.11	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-T22-03-01	13.4	25	22	35		1	5.7	3	0.12	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002-032-T28-03-01.5	15.3	32	28	40		1.5	8.4	3	0.17	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-T28-04-01	20.4	32	28	40		1	5.7	4	0.2	4	SD .. 06T2 .. SDM . 06T2ZDR
M4002-035-T28-03-01.5	18.3	35	28	40		1.5	8.4	3	0.18	3	SD .. 09T3 .. SDMX0904ZDR
M4002-040-T36-04-01.5	23.3	40	36	40		1.5	8.4	4	0.31	4	
M4002-042-T36-03-01.5	25.3	42	36	40		1.5	8.4	3	0.32	3	
Cylindrical modular											
M4002-020-TC10-02-01	8.4	20	18.5	30		1	5.7	2	0.06	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-TC12-02-01.5	8.09	25	22	40		1.5	8.4	2	0.09	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-TC12-03-01	13.4	25	22	35		1	5.7	3	0.11	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002-032-TC16-03-01.5	15.09	32	28	40		1.5	8.4	3	0.16	3	SD .. 09T3 .. SDMX0904ZDR
M4002-035-TC16-03-01.5	18.09	35	28	40		1.5	8.4	3	0.18	3	
M4002-035-TC16-04-01	23.4	35	28	40		1	5.7	4	0.21	4	SD .. 06T2 .. SDM . 06T2ZDR
Cylindrical shank											
M4002-020-A20-02-01	8.4	20	20	30	200	1	5.7	2	0.45	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-A25-03-01	13.4	25	25	35	200	1	5.7	3	0.76	3	
M4002-032-A32-04-01	20.4	32	32	40	250	1	5.7	4	1.5	4	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

D 2

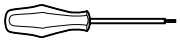
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4															☺	☹			
	SDMT06T204-D57	M	4	0.4		☺	☹	☹	☠	☹		☠		☹	☹	☹	☠	☠			☹		☠
	SDMT06T204-F57	M	4	0.4		☺	☹	☹	☠	☹	☠	☠	☺			☹	☠	☠			☹	☠	☠
	SDMT06T208-F57	M	4	0.8			☹	☹	☠			☠					☠	☠					☠
	SDMT06T212-F57	M	4	1.2			☹	☹	☠	☹	☠	☠					☠	☠			☹	☠	☠
	SDMW06T204-A57	M	4	0.4		☹	☠	☠								☹	☠	☠					
	SDHT09T308-G88	H	4	0.8															☺	☹			
	SDMT09T308-D57	M	4	0.8		☺	☹	☹	☠	☹		☠		☹		☹	☠	☠			☹		☠
	SDMT09T308-F57	M	4	0.8		☺	☹	☹	☠	☹	☠	☠	☺			☹	☠	☠			☹	☠	☠
	SDMT09T312-F57	M	4	1.2			☹	☹	☠			☠					☠	☠					☠
	SDMT09T316-F57	M	4	1.6			☹	☹	☠			☠					☠	☠					☠
	SDMT09T320-F57	M	4	2			☹	☹	☠	☹	☠	☠					☠	☠			☹	☠	☠
	SDMW09T308-A57	M	4	0.8		☹	☠	☠								☹	☠	☠					
	SDMW09T320-A57	M	4	2			☠		☠			☠		☹	☹		☠						☠
	SDMT06T2ZDR-D57	M	4	0.4	1.2		☹	☹	☠			☠					☠	☠					☠
	SDMT09T3ZDR-D57	M	4	0.8	1.2		☹	☹	☠			☠					☠	☠					☠
	SDMX0904ZDR-E27	M	4	1	0.8		☹	☹	☠	☹	☠	☠					☠	☠			☹	☠	☠
	SDMX0904ZDR-E57	M	4	1	0.8		☹		☠	☠	☠	☠					☠				☠	☠	☠

For SD..120425 indexable inserts, the circumference of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☠

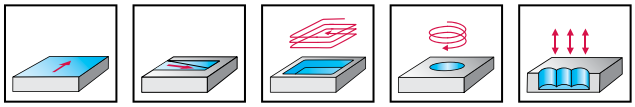
☺ ☹ ☠ / ★ = New addition to the product range

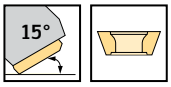
High-feed milling cutter

M4002 mm



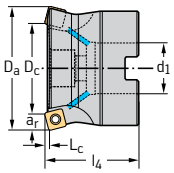
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M4002-040-B16-05-01	28.4	40	16	40		1	5.7	5	0.22	5	SD .. 06T2 .. SDM . 06T2ZDR
M4002-042-B16-04-01.5	25.3	42	16	40		1.5	8.4	4	0.2	4	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-04-02	27.2	50	22	40		2	11.4	4	0.29	4	SD .. 1204 .. SDMX1205ZDR
M4002-050-B22-05-01.5	33.3	50	22	40		1.5	8.4	5	0.3	5	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-05-02	27.2	50	22	40		2	11.4	5	0.31	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-04-01.5	35.3	52	22	40		1.5	8.4	4	0.37	4	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-04-02	29.2	52	22	40		2	11.4	4	0.32	4	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-05-01.5	35.3	52	22	40		1.5	8.4	5	0.34	5	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-05-02	29.2	52	22	40		2	11.4	5	0.35	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-06-01	40.4	52	22	40		1	5.7	6	0.41	6	SD .. 06T2 .. SDM . 06T2ZDR
M4002-063-B22-05-02	40.2	63	22	40		2	11.4	5	0.4	5	SD .. 1204 .. SDMX1205ZDR
M4002-063-B22-06-01.5	46.3	63	22	50		1.5	8.4	6	0.6	6	SD .. 09T3 .. SDMX0904ZDR
M4002-063-B22-06-02	40.2	63	22	40		2	11.4	6	0.46	6	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-05-01.5	49.3	66	27	50		1.5	8.4	5	0.72	5	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-05-02	43.2	66	27	50		2	11.4	5	0.57	5	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-06-01.5	49.3	66	27	50		1.5	8.4	6	0.79	6	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-06-02	43.2	66	27	50		2	11.4	6	0.59	6	SD .. 1204 .. SDMX1205ZDR
M4002-080-B27-06-02	57.2	80	27	50		2	11.4	6	0.95	6	
M4002-080-B27-08-02	57.2	80	27	50		2	11.4	8	0.98	8	
M4002-085-B27-05-02	62.2	85	27	50		2	11.4	5	1.09	5	
M4002-085-B27-06-02	62.2	85	27	50		2	11.4	6	0.98	6	
M4002-085-B27-08-02	62.2	85	27	50		2	11.4	8	1	8	
M4002-100-B32-07-02	77.2	100	32	60		2	11.4	7	2.01	7	
M4002-100-B32-09-02	77.2	100	32	60		2	11.4	9	2	9	
M4002-125-B40-08-02	102.2	125	40	60		2	11.4	8	2.89	8	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

D2

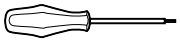
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4		☺	☺	☺	☺										☺	☺			
	SDMT06T204-D57	M	4	0.4		☺	☺	☺	☹	☺		☹		☺	☺	☺	☹	☹			☺		☹
	SDMT06T204-F57	M	4	0.4		☺	☺	☺	☹	☺	☹	☹	☺			☺	☹	☹			☺	☹	☹
	SDMT06T208-F57	M	4	0.8			☺	☺	☹			☹					☹	☹					☹
	SDMT06T212-F57	M	4	1.2			☺	☺	☹	☺	☹	☹					☹	☹			☺	☹	☹
	SDMW06T204-A57	M	4	0.4		☺	☹	☹								☺	☹	☹					
	SDHT09T308-G88	H	4	0.8															☺	☺			
	SDMT09T308-D57	M	4	0.8		☺	☺	☺	☹	☺		☹		☺		☺	☹	☹			☺		☹
	SDMT09T308-F57	M	4	0.8		☺	☺	☺	☹	☺	☹	☹	☺			☺	☹	☹			☺	☹	☹
	SDMT09T312-F57	M	4	1.2			☺	☺	☹			☹					☹	☹					☹
	SDMT09T316-F57	M	4	1.6			☺	☺	☹			☹					☹	☹					☹
	SDMT09T320-F57	M	4	2			☺	☺	☹	☺	☹	☹					☹	☹			☺	☹	☹
	SDMW09T308-A57	M	4	0.8		☺	☹	☹								☺	☹	☹					
	SDMW09T320-A57	M	4	2			☹		☹			☹		☺	☺		☹						☹
	SDMT06T2ZDR-D57	M	4	0.4	1.2		☺	☺	☹			☹					☹	☹					☹
	SDMT09T3ZDR-D57	M	4	0.8	1.2		☺	☺	☹			☹					☹	☹					☹
	SDMX0904ZDR-E27	M	4	1	0.8		☺	☺	☹	☺	☹	☹					☹	☹			☺	☹	☹
	SDMX0904ZDR-E57	M	4	1	0.8		☺		☹	☹	☹	☹					☹				☹	☹	☹

For SD..120425 indexable inserts, the circumference of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

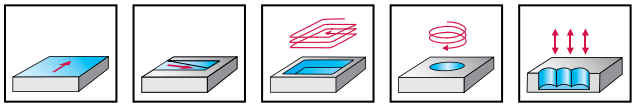
☺ 😐 ☹ / ★ = New addition to the product range

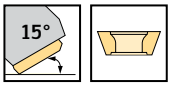
High-feed milling cutter

M4002 inch



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
ScrewFit											
M4002,026-T22-02-01.5	0.339	1.000	0.866	1.575		0.059	0.330	2	0.024	2	SD .. 09T3 .. SDMX0904ZDR
M4002,026-T22-03-01	0.543	1.000	0.866	1.378		0.039	0.224	3	0.243	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002,031-T28-03-01.5	0.593	1.250	1.102	1.575		0.059	0.330	3	0.359	3	SD .. 09T3 .. SDMX0904ZDR
M4002,038-T36-04-01.5	0.843	1.500	1.417	1.575		0.059	0.330	4	0.648	4	
Cylindrical shank											
M4002,019-A19-02-01	0.291	0.750	0.750	1.181	7.874	0.039	0.224	2	0.915	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002,026-A26-03-01	0.543	1.000	1.000	1.378	7.874	0.039	0.224	3	1.658	3	
M4002,031-A31-04-01	0.795	1.250	1.250	1.575	9.843	0.039	0.224	4	3.241	4	
Shell mill mount DIN 138 transverse keyway											
M4002,051-B19-04-02	1.094	2.000	0.750	1.575		0.079	0.45	4	0.763	4	SD .. 1204 .. SDMX1205ZDR
M4002,051-B19-05-01.5	1.337	2.000	0.750	1.575		0.059	0.330	5	0.787	5	SD .. 09T3 .. SDMX0904ZDR
M4002,051-B19-07-01	1.543	2.000	0.750	1.575		0.039	0.224	7	0.847	7	SD .. 06T2 .. SDM . 06T2ZDR
M4002,064-B19-05-02	1.594	2.500	0.750	1.969		0.079	0.45	5	0.992	5	SD .. 1204 .. SDMX1205ZDR
M4002,076-B26-06-02	2.094	3.000	1.000	1.969		0.079	0.45	6	2.551	6	
M4002,102-B38-07-02	3.094	4.000	1.500	2.48		0.079	0.45	7	6.085	7	

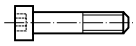
*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

D2

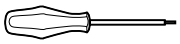
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.664 lbs	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools	FS1523	FS1523	FS1523

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	FS2002	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT09T308-G88	H	4	0.031															☺	😐			
	SDMT09T308-D57	M	4	0.031		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹			😐		☹
	SDMT09T308-F57	M	4	0.031		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMT09T312-F57	M	4	0.047			😐	😐	☹			☹					☹	☹					☹
	SDMT09T316-F57	M	4	0.063			😐	😐	☹			☹					☹	☹					☹
	SDMT09T320-F57	M	4	0.079			😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMW09T308-A57	M	4	0.031		☺	☹	☹								😐	☹	☹					
	SDMW09T320-A57	M	4	0.079			☹		☹			☹		😐	😐		☹						☹
	SDHT06T204-G88	H	4	0.016															☺	😐			
	SDMT06T204-D57	M	4	0.016		☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹			😐		☹
	SDMT06T204-F57	M	4	0.016		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMT06T208-F57	M	4	0.031			😐	😐	☹			☹					☹	☹					☹
	SDMT06T212-F57	M	4	0.047			😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMW06T204-A57	M	4	0.016		😐	☹	☹								😐	☹	☹					
	SDHT120408-G88	H	4	0.031															☺	😐			
	SDMT120408-D57	M	4	0.031		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹			😐		☹
	SDMT120408-F57	M	4	0.031		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMT120412-F57	M	4	0.047			😐	😐	☹			☹					☹	☹					☹
	SDMT120416-F57	M	4	0.063			😐	😐	☹			☹					☹	☹					☹
	SDMT120420-F57	M	4	0.079			😐	😐	☹			☹					☹	☹					☹
	SDMT120425-F57	M	4	0.098			😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMW120408-A57	M	4	0.031		😐	☹	☹								😐	☹	☹					
	SDMW120425-A57	M	4	0.098			☹		☹			☹		😐	😐		☹						☹
	SDMT09T3ZDR-D57	M	4	0.031	0.048		😐	😐	☹			☹					☹	☹					☹
	SDMX0904ZDR-E27	M	4	0.039	0.031		😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMX0904ZDR-E57	M	4	0.039	0.031		😐		☹	☹	☹	☹					☹				☹	☹	☹
	SDMT06T2ZDR-D57	M	4	0.016	0.047		😐	😐	☹			☹					☹	☹					☹
	SDMT1204ZDR-D57	M	4	0.031	0.071		😐	😐	☹			☹					☹	☹					☹
	SDMX1205ZDR-E27	M	4	0.079	0.047		😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMX1205ZDR-E57	M	4	0.079	0.047		😐		☹	☹	☹	☹					☹				☹	☹	☹

For SD..120425 indexable inserts, the circumference of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

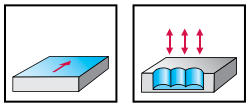
High-Feed-Milling Cutter

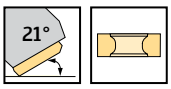
F4030 mm

Xtra·tec®



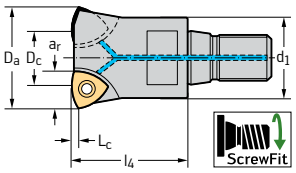
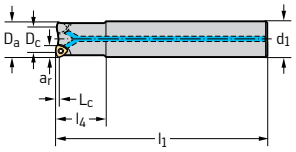
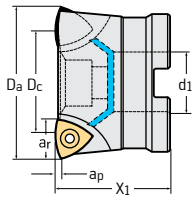
– f_z up to 3.5 mm
– 6 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4030	●●	●●	●●		●●		

Tool

	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
 ScrewFit	F4030.T22,025.Z02,01	13.4	25	22	35		1	6	2	0.11	2	P23696-1 . 0
	F4030.T28,032.Z03,01	20.4	32	28	40		1	7	3	0.2	3	
	F4030.T28,035.Z03,01	23.4	35	28	40		1	7	3	0.24	3	
	F4030.T36,040.Z04,01	28.4	40	36	40		1	7	4	0.33	4	
	F4030.T45,050.Z04,02	32	50	45	45		2	10	4	0.51	4	P23696-2 . 0
ScrewFit												
 Cylindrical shank	F4030.Z25,025.Z02,01	13.4	25	25	35	200	1	6	2	0.74	2	P23696-1 . 0
	F4030.Z32,032.Z03,01	20.4	32	32	40	250	1	7	3	1.47	3	
 Shell mill mount DIN 138 transverse keyway	F4030.B22,050.Z05,01	38.4	50	22	40		1	7	5	0.33	5	P23696-1 . 0
	F4030.B22,052.Z04,01	40.4	52	22	40		1	7	4	0.37	4	
	F4030.B22,063.Z05,02	45	63	22	50		2	10	5	0.72	5	P23696-2 . 0
	F4030.B27,066.Z04,02	48	66	27	50		2	10	4	0.88	4	
	F4030.B27,080.Z05,02	62	80	27	50		2	10	5	1.29	5	
	F4030.B27,080.Z06,02	62	80	27	50		2	10	6	1.26	6	
	F4030.B32,100.Z07,02	82	100	32	50		2	10	7	2.47	7	

Pre-balanced tools | Bodies and assembly parts are included in the scope of delivery

D2

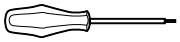
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	P23696-1 . 0	P23696-2 . 0
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm	FS1495 (T20IP) 5 Nm

Accessories

	Type	P23696-1 . 0	P23696-2 . 0
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	P23696-1.0	M	6	1.2	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	☹
	P23696-2.0	M	6	1.6	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

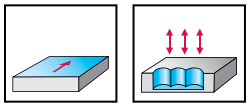
High-Feed-Milling Cutter

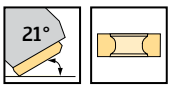
F4030 inch

Xtra·tec®



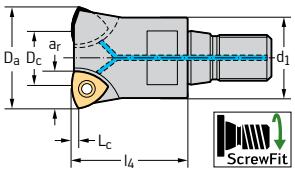
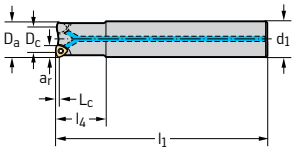
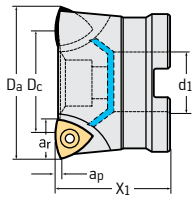
– f_z up to 3.5 mm
– 6 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4030	●●	●●	●●		●●		

Tool

	Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4030.UT22,026.Z02,01	0.543	1.000	0.866	1.378		0.039	0.236	2	0.258	2	P23696-1 . 0
	F4030.UT28,031.Z03,01	0.793	1.250	1.102	1.575		0.039	0.276	3	0.441	3	
	F4030.UT36,038.Z03,01	1.043	1.500	1.417	1.575		0.039	0.276	3	0.772	3	
	F4030.UT45,051.Z04,02	1.291	2.000	1.772	1.772		0.079	0.394	4	1.153	4	P23696-2 . 0
ScrewFit												
 Cylindrical shank	F4030.UZ19,026.Z02,01	0.543	1.000	0.750	2.000	8.000	0.039	0.276	2	0.948	2	P23696-1 . 0
	F4030.UZ26,031.Z03,01	0.793	1.250	1.000	3.000	10.000	0.039	0.374	3	2.138	3	
	F4030.UZ31,038.Z03,01	1.043	1.500	1.250	3.000	10.000	0.039	0.236	3	3.444	3	
Cylindrical shank												
 Shell mill mount DIN 138 transverse keyway	F4030.UB19,051.Z05,01	1.543	2.000	0.750	1.575		0.039	0.276	5	1.299	5	P23696-1 . 0
	F4030.UB26,064.Z05,02	1.791	2.500	1.000	1.969		0.079	0.394	5	1.556	5	P23696-2 . 0
	F4030.UB26,076.Z05,02	2.173	3.000	1.000	1.969		0.079	0.394	5	2.436	5	
	F4030.UB26,076.Z06,02	2.173	3.000	1.000	1.969		0.079	0.394	6	2.361	6	
	★ F4030.UB26,076.Z07,02	2.173	3.000	1.000	1.969		0.079	0.394	7	1.956	7	
	F4030.UB38,102.Z07,02	3.291	4.000	1.500	2.480		0.079	0.394	7	6.975	7	
Shell mill mount DIN 138 transverse keyway												

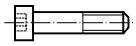
Pre-balanced tools | Bodies and assembly parts are included in the scope of delivery

D2

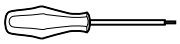
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	P23696-1 . 0	P23696-2 . 0
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 2.95 lbs	FS1495 (T20IP) 3.688 lbs
	Clamping screw for arbor-mounted tools	FS1523	FS1523

Accessories

	Type	P23696-1 . 0	P23696-2 . 0
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	P23696-1.0	M	6	0.047	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	☹
	P23696-2.0	M	6	0.063	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	☹

HC = Coated carbide

D2

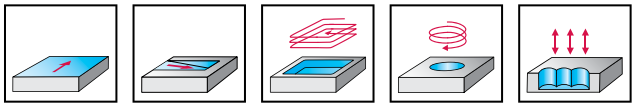
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

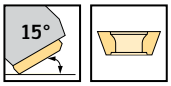
High-Feed-Milling Cutter

F2330 mm



– f_z up to 3.5 mm
– 3 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2330	●●	●●	●●		●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
F2330.T18,020.Z02,01	10	20	18.5	30		1	8	2	0.05	2	P2633 . R10 P26379-R10
F2330.T22,025.Z03,01	15	25	22	35		1	8	3	0.1	3	
F2330.T28,032.Z03,01.5	18	32	28	40		1.5	11	3	0.2	3	P2633 . R14 P26379-R14
F2330.T28,035.Z03,01.5	21	35	28	40		1.5	11	3	0.21	3	
F2330.T36,040.Z03,01.5	26	40	36	40		1.5	11	3	0.37	3	
F2330.T36,042.Z03,01.5	28	42	36	40		1.5	11	3	0.38	3	
Cylindrical shank											
F2330.Z20,020.Z02,01	10	20	20	30	200	1	8	2	0.45	2	P2633 . R10 P26379-R10
F2330.Z25,025.Z03,01	15	25	25	35	200	1	8	3	0.76	3	
F2330.Z32,032.Z03,01.5	18	32	32	40	250	1.5	11	3	1.48	3	P2633 . R14 P26379-R14
Shell mill mount DIN 138 transverse keyway											
F2330.B.052.Z03,02	32	52	22	40		2	16	3	0.36	3	P2633 . R25 P26379-R25
F2330.B.052.Z05,01.5	38	52	22	40		1.5	11	5	0.41	5	P2633 . R14 P26379-R14
F2330.B.066.Z04,02	46	66	27	50		2	16	4	0.72	4	P2633 . R25 P26379-R25
F2330.B.066.Z06,01.5	52	66	27	50		1.5	11	6	0.78	6	P2633 . R14 P26379-R14
F2330.B.085.Z05,02	65	85	27	50		2	16	5	1.01	5	P2633 . R25 P26379-R25
F2330.B.085.Z07,01.5	71	85	27	50		1.5	11	7	0.96	7	P2633 . R14 P26379-R14
F2330.B22,050.Z04,01.5	30	50	22	40		1.5	11	4	0.31	4	
F2330.B22,063.Z05,01.5	49	63	22	50		1.5	11	5	0.69	5	

The actual cutting edge diameter is 51.3 mm where D_a = 52 mm, 65.3 mm where D_a = 66 and 84.3 mm where D_a = 85 | *Da measured using P26325-R25 master insert with 0.8 mm radius | Bodies and assembly parts are included in the scope of delivery

D2

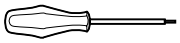
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 0.8 Nm	FS359 (T15) 2.5 Nm	FS1030 (T20) 5 Nm

Accessories

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)
	Torque T-handle			FS2041
	Torque screwdriver, analog	FS2001	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P				M		K			S	
						HC				HC		HC			HC
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	P26335R10	M	3	0.8		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26337R10	M	3	0.8		☹	☹	☹		☹		☹	☹		☹
	P26339R10	M	3	0.8		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26379-R10	M	3	0.8				☹		☹					☹
	P26335R14	M	3	1.2	😐	☹	☹	☹	☹	☹	😐	☹	☹	☹	☹
	P26337R14	M	3	1.2		☹	☹	☹		☹		☹	☹		☹
	P26339R14	M	3	1.2		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26379-R14	M	3	1.2		☹	☹	☹		☹		☹	☹		☹
	P26335R25	M	3	2	😐	☹	☹	☹	☹	☹	😐	☹	☹	☹	☹
	P26337R25	M	3	2	😐	☹	☹	☹		☹	😐	☹	☹		☹
	P26339R25	M	3	2		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26379-R25	M	3	2		☹	☹	☹		☹		☹	☹		☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

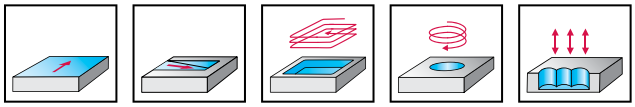
☺ 😐 ☹ / ★ = New addition to the product range

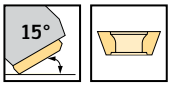
High-Feed-Milling Cutter

F2330 inch



– f_z up to 3.5 mm
– 3 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2330	●●	●●	●●		●●		

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
ScrewFit											
F2330.UT18,019.Z02,01	0.356	0.750	0.728	1.181		0.039	0.311	2	0.181	2	P2633 . R10 P26379-R10
F2330.UT22,026.Z03,01	0.606	1.000	0.866	1.378		0.039	0.311	3	0.276	3	
F2330.UT28,031.Z03,01.5	0.699	1.250	1.102	1.575		0.059	0.437	3	0.483	3	P2633 . R14 P26379-R14
F2330.UT36,038.Z03,01.5	0.949	1.500	1.417	1.575		0.059	0.437	3	0.809	3	
DIN 1835 B											
F2330.UW15,019.Z02,01	0.356	0.750	0.625	1.840	3.750	0.039	0.311	2	0.353	2	P2633 . R10 P26379-R10
F2330.UW19,026.Z03,01	0.606	1.000	0.750	2.087	4.130	0.039	0.311	3	0.522	3	
F2330.UW26,031.Z03,01.5	0.699	1.250	1.000	2.087	4.380	0.059	0.437	3	0.908	3	P2633 . R14 P26379-R14
F2330.UW31,038.Z03,01.5	0.949	1.500	1.250	2.087	4.380	0.059	0.437	3	0.750	3	
Cylindrical shank											
F2330.UZ15,019.Z02,01	0.356	0.750	0.625	2.000	8.000	0.039	0.311	2	0.802	2	P2633 . R10 P26379-R10
F2330.UZ19,026.Z03,01	0.606	1.000	0.750	2.000	8.000	0.039	0.311	3	1.078	3	
F2330.UZ26,031.Z03,01.5	0.699	1.250	1.000	3.000	10.000	0.059	0.437	3	1.984	3	P2633 . R14 P26379-R14
F2330.UZ31,038.Z03,01.5	0.949	1.500	1.250	3.000	10.000	0.059	0.437	3	3.219	3	
Shell mill mount DIN 138 transverse keyway											
F2330.UB19,051.Z05,01.5	1.562	2.000	0.750	1.575		0.059	0.437	5	1.118	5	P2633 . R14 P26379-R14
F2330.UB19,064.Z05,01.5	2.060	2.500	0.750	1.575		0.059	0.437	5	2.172	5	
F2330.UB26,064.Z04,02	2.060	2.500	1.000	1.969		0.079	0.634	4	1.587	4	P2633 . R25 P26379-R25
F2330.UB26,076.Z05,02	2.060	3.000	1.000	1.969		0.079	0.634	5	2.615	5	
F2330.UB26,076.Z06,01.5	2.060	3.000	1.000	1.969		0.059	0.437	6	2.681	6	P2633 . R14 P26379-R14
F2330.UB38,102.Z06,02	3.213	4.000	1.500	2.48		0.079	0.634	6	5.600	6	P2633 . R25 P26379-R25

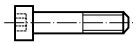
Bodies and assembly parts are included in the scope of delivery

D2

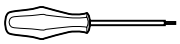
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 0.59 lbs	FS359 (T15) 1.844 lbs	FS1030 (T20) 3.688 lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1519

Accessories

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)
	Torque T-handle			FS2042
	Torque screwdriver, analog	FS2002	FS2004	
	Torque screwdriver, digital	FS2248	FS2248	
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P				M		K			S	
						HC				HC		HC			HC
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	P26335R10	M	3	0.031		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26337R10	M	3	0.031		☹	☹	☹		☹		☹	☹		☹
	P26339R10	M	3	0.031		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26379-R10	M	3	0.031				☹		☹					☹
	P26335R14	M	3	0.047	😐	☹	☹	☹	☹	☹	😐	☹	☹	☹	☹
	P26337R14	M	3	0.047		☹	☹	☹		☹		☹	☹		☹
	P26339R14	M	3	0.047		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26379-R14	M	3	0.047		☹	☹	☹		☹		☹	☹		☹
	P26335R25	M	3	0.079	😐	☹	☹	☹	☹	☹	😐	☹	☹	☹	☹
	P26337R25	M	3	0.079	😐	☹	☹	☹		☹	😐	☹	☹		☹
	P26339R25	M	3	0.079		☹	☹	☹	☹	☹		☹	☹	☹	☹
	P26379-R25	M	3	0.079		☹	☹	☹		☹		☹	☹		☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

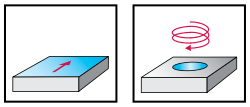
High-Feed-Milling Cutter

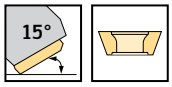
F2010 mm

P2633 . R25; P26379-R25

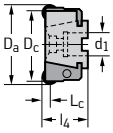
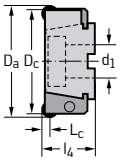
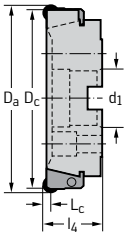
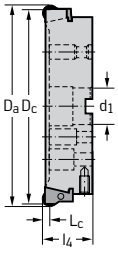


– f_z up to 3.5 mm
– 3 cutting edges per indexable insert, adjustable runout





	P	M	K	N	S	H	O
F2010	●●	●●	●●		●●		

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,02.R729M	70	87	27	50	2	6	1.24	6	P2633 . R25 P26379-R25
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,02.R729M	90	107	32	50	2	7	1.8	7	P2633 . R25 P26379-R25
	F2010.B.125.Z08,02.R729M	115	132	40	63	2	8	3.62	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,02.R729M	150	167	40	63	2	10	5.62	10	P2633 . R25 P26379-R25
	F2010.B.200.Z12,02.R729M	190	207	60	63	2	12	10	12	
	F2010.B.250.Z12,02.R729M	240	257	60	63	2	12	16.13	12	
	F2010.B.250.Z16,02.R729M	240	257	60	63	2	16	16.22	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,02.R729M	305	322.15	60	80	2	14	26.3	14	P2633 . R25 P26379-R25
	F2010.B.315.Z18,02.R729M	305	322.15	60	80	2	18	27.2	18	

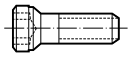
Bodies and assembly parts are included in the scope of delivery

D2

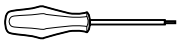
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	70–305
	Cartridge for tool body	FR729M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	70–305
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	P26335R25	M	3	2	☺	😐	😐	😐	😐	😐	☺	😐	😐	😐	😐
	P26337R25	M	3	2	☺	😐	😐	😐		😐	☺	😐	😐		😐
	P26339R25	M	3	2		😐	😐	😐	😐	😐		😐	😐	😐	😐
	P26379-R25	M	3	2		😐	😐	😐		😐		😐	😐		😐

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😐

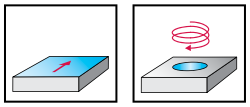
High-Feed-Milling Cutter

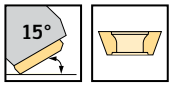
F2010 mm

SD .. 1204 ..; SDMX1205ZDR

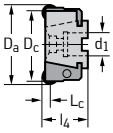
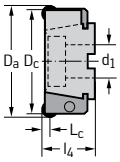
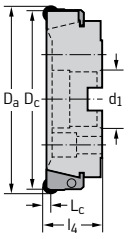
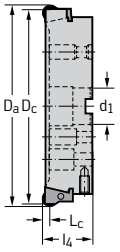


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R755M	69.93	93	27	50	2	6	1.3	6	SD .. 1204 .. SDMX1205ZDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R755M	89.93	113	32	50	2	7	1.9	7	SD .. 1204 .. SDMX1205ZDR
	F2010.B.125.Z08,08.R755M	114.93	138	40	63	2	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R755M	149.93	173	40	63	2	10	5.6	10	SD .. 1204 .. SDMX1205ZDR
	F2010.B.200.Z12,08.R755M	189.93	213	60	63	2	12	9.89	12	
	F2010.B.250.Z12,08.R755M	239.93	263	60	63	2	12	14.8	12	
	F2010.B.250.Z16,08.R755M	239.93	263	60	63	2	16	14.6	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R755M	304.93	328	60	80	2	14	26.3	14	SD .. 1204 .. SDMX1205ZDR
	F2010.B.315.Z18,08.R755M	304.93	328	60	80	2	18	26.2	18	

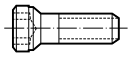
*Measured using SDM.120408 | Bodies and assembly parts are included in the scope of delivery

D2

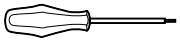
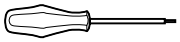
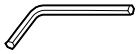
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	69.93–304.93
	Cartridge for tool body	FR755M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	69.93–304.93
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	α °	b mm	P HC				M HC			K HC						N DP	N HC	N HW	S HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	SDGW120408-A88	G	1	15°															😐					
	SDHT120408-G88	H	4	15°																🙂	😐			
	SDMT120408-D51	M	4	15°		🙂	😐	😐	😕			😕				😐	😕	😕						😕
	SDMT120408-D57	M	4	15°		🙂	😐	😐	😕	😐		😕		😐		😐	😕	😕				😐		😕
	SDMT120408-F57	M	4	15°		🙂	😐	😐	😕	😐	😕	😕	🙂			😐	😕	😕				😐	😕	😕
	SDMT120412-F57	M	4	15°			😐	😐	😕			😕					😕	😕						😕
	SDMT120416-F57	M	4	15°			😐	😐	😕			😕					😕	😕						😕
	SDMT120420-F57	M	4	15°			😐	😐	😕			😕					😕	😕						😕
	SDMT120425-F57	M	4	15°			😐	😐	😕	😐	😕	😕					😕	😕				😐	😕	😕
	SDMW120408-A57	M	4	15°		😐	😕	😕								😐	😕	😕						
	SDMW120425-A57	M	4	15°			😕		😕			😕		😐	😐		😕							😕
	SDMT1204ZDR-D57	M	4	15°	1.8		😐	😐	😕			😕					😕	😕						😕
	SDMX1205ZDR-E27	M	4	15°	1.2		😐	😐	😕	😕	😕	😕					😕	😕				😐	😕	😕
	SDMX1205ZDR-E57	M	4	15°	1.2		😐		😕	😕	😕	😕					😕					😕	😕	😕

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the cartridge must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = 😕

Shoulder milling cutters

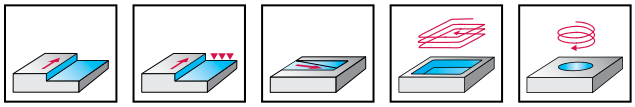
M5130 mm

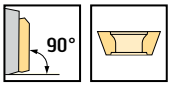
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M5130-010-T09-02-05	10	9.7	20		5	2	0.02	2	AC .. 0602 .. R
M5130-012-T09-03-05	12	9.7	20		5	3	0.02	3	
M5130-016-T14-03-05	16	14.5	25		5	3	0.04	3	
M5130-016-T14-04-05	16	14.5	25		5	4	0.04	4	
M5130-020-T18-04-05	20	18.5	25		5	4	0.05	4	
M5130-020-T18-05-05	20	18.5	25		5	5	0.06	5	
M5130-025-T22-05-05	25	22	30		5	5	0.11	5	
M5130-025-T22-07-05	25	22	30		5	7	0.1	7	
M5130-032-T28-06-05	32	28	35		5	6	0.19	6	
M5130-032-T28-08-05	32	28	35		5	8	0.2	8	
M5130-040-T36-07-05	40	36	35		5	7	0.34	7	
M5130-040-T36-10-05	40	36	35		5	10	0.35	10	
Cylindrical modular									
M5130-010-TC06-02-05	10	9.7	20		5	2	0.02	2	AC .. 0602 .. R
M5130-012-TC06-03-05	12	9.7	20		5	3	0.02	3	
M5130-016-TC08-03-05	16	14.5	25		5	3	0.04	3	
M5130-016-TC08-04-05	16	14.5	25		5	4	0.04	4	
M5130-020-TC10-04-05	20	18.5	25		5	4	0.06	4	
M5130-020-TC10-05-05	20	18.5	25		5	5	0.06	5	
M5130-025-TC12-05-05	25	22	30		5	5	0.1	5	
M5130-025-TC12-07-05	25	22	30		5	7	0.1	7	
M5130-032-TC16-06-05	32	28	35		5	6	0.19	6	
M5130-032-TC16-08-05	32	28	35		5	8	0.2	8	
M5130-040-TC16-07-05	40	28	35		5	7	0.24	7	
M5130-040-TC16-10-05	40	28	35		5	10	0.27	10	
DIN 1835 B									
M5130-010-W10-02-05	10	10	16	60	5	2	0.03	2	AC .. 0602 .. R
M5130-010-W16-02-05	10	16	30	80	5	2	0.09	2	
M5130-012-W12-03-05	12	12	19	65	5	3	0.05	3	
M5130-012-W16-03-05	12	16	30	80	5	3	0.09	3	
M5130-016-W16-03-05	16	16	21	70	5	3	0.09	3	
M5130-016-W16-04-05	16	16	21	70	5	4	0.11	4	
M5130-020-W20-04-05	20	20	24	75	5	4	0.16	4	
M5130-020-W20-05-05	20	20	24	75	5	5	0.16	5	
M5130-025-W25-05-05	25	25	26	85	5	5	0.3	5	
M5130-025-W25-07-05	25	25	26	85	5	7	0.29	7	

Bodies and assembly parts are included in the scope of delivery

D 2

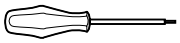
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

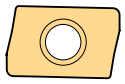
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0.5 Nm

Accessories

	D_c [mm]	10	12	14–63	16	20	25	32	40
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	ACGT060204R-G65	G	2	0.4	0.9	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	ACGT060204R-M85	G	2	0.4	0.9												☺	😐		
	ACMT060202R-G55	M	2	0.2	1		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-G55	M	2	0.4	0.9	☺	😐	😐	☹	😐	☹	☺	😐	😐	😐	😐			😐	☹
	ACMT060208R-G55	M	2	0.8	0.8		😐	😐	☹		☹				😐	😐				☹
	ACMT060212R-G55	M	2	1.2	0.6		😐	😐	☹		☹				😐	😐				☹
	ACMT060216R-G55	M	2	1.6	0.1		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-K55	M	2	0.4	0.9		☺	☺	😐	☺	😐				😐	😐			☺	😐

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Shoulder milling cutters

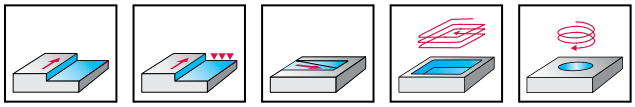
M5130 mm

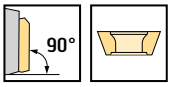
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

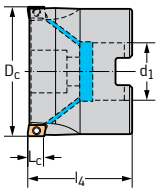
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-A10-02-05	10	10	16	60	5	2	0.03	2	AC .. 0602 .. R
M5130-010-A16-02-05	10	16	30	80	5	2	0.1	2	
M5130-012-A12-03-05	12	12	19	70	5	3	0.05	3	
M5130-012-A16-03-05	12	16	30	80	5	3	0.11	3	
M5130-014-A16-03-05	14	16	30	80	5	3	0.12	3	
M5130-016-A16-03-05	16	16	21	90	5	3	0.12	3	
M5130-016-A16-04-05	16	16	21	90	5	4	0.13	4	
M5130-018-A16-03-05	18	16	21	90	5	3	0.13	3	
M5130-020-A20-04-05	20	20	24	110	5	4	0.24	4	
M5130-020-A20-05-05	20	20	24	110	5	5	0.24	5	
M5130-022-A20-04-05	22	20	24	110	5	4	0.26	4	
M5130-025-A25-05-05	25	25	26	120	5	5	0.42	5	
M5130-025-A25-07-05	25	25	26	120	5	7	0.42	7	



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-032-B16-06-05	32	16	40		5	6	0.14	6	AC .. 0602 .. R
M5130-032-B16-08-05	32	16	40		5	8	0.14	8	
M5130-040-B16-07-05	40	16	40		5	7	0.27	7	
M5130-040-B16-10-05	40	16	40		5	10	0.27	10	
M5130-050-B22-09-05	50	22	40		5	9	0.53	9	
M5130-050-B22-12-05	50	22	40		5	12	0.53	12	
M5130-063-B22-11-05	63	22	40		5	11	0.76	11	
M5130-063-B22-14-05	63	22	40		5	14	0.69	14	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

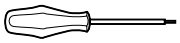
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

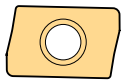
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0.5 Nm

Accessories

	D_c [mm]	10	12	14–63	16	20	25	32	40
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	ACGT060204R-G65	G	2	0.4	0.9	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	ACGT060204R-M85	G	2	0.4	0.9												☺	😐		
	ACMT060202R-G55	M	2	0.2	1		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-G55	M	2	0.4	0.9	☺	😐	😐	☹	😐	☹	☺	😐	😐	😐	😐			😐	☹
	ACMT060208R-G55	M	2	0.8	0.8		😐	😐	☹		☹				😐	😐				☹
	ACMT060212R-G55	M	2	1.2	0.6		😐	😐	☹		☹				😐	😐				☹
	ACMT060216R-G55	M	2	1.6	0.1		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-K55	M	2	0.4	0.9		☺	☺	😐	☺	😐				😐	😐			☺	😐

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

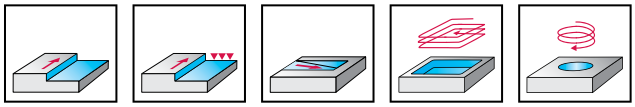
M5130 inch

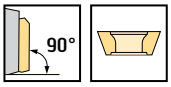
AC .. 0602 .. R

Xtra·tec® XT

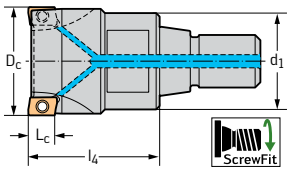
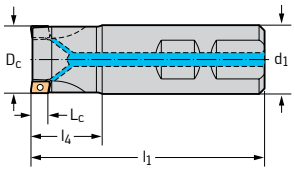
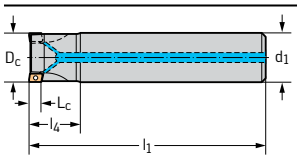
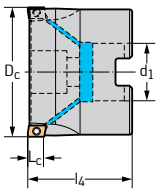


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5130,013-T09-03-05	0.500	0.382	0.787		0.197	3	0.049	3	AC .. 0602 .. R
	M5130,015-T14-03-05	0.625	0.571	0.984		0.197	3	0.071	3	
	M5130,015-T14-04-05	0.625	0.571	0.984		0.197	4	0.099	4	
	M5130,019-T18-04-05	0.750	0.728	0.984		0.197	4	0.11	4	
	M5130,019-T18-05-05	0.750	0.728	0.984		0.197	5	0.132	5	
	M5130,026-T22-05-05	1.000	0.866	1.181		0.197	5	0.254	5	
	M5130,026-T22-07-05	1.000	0.866	1.181		0.197	7	0.265	7	
	M5130,031-T28-06-05	1.250	1.102	1.378		0.197	6	0.421	6	
	M5130,031-T28-08-05	1.250	1.102	1.378		0.197	8	0.443	8	
	M5130,038-T36-07-05	1.500	1.417	1.378		0.197	7	0.765	7	
	M5130,038-T36-10-05	1.500	1.417	1.378		0.197	10	0.789	10	
 DIN 1835 B	M5130,013-W13-03-05	0.500	0.500	0.700	2.281	0.197	3	0.108	3	AC .. 0602 .. R
	M5130,015-W15-03-05	0.625	0.625	0.750	2.656	0.197	3	0.225	3	
	M5130,015-W15-04-05	0.625	0.625	0.750	2.656	0.197	4	0.198	4	
	M5130,019-W19-04-05	0.750	0.750	0.945	2.781	0.197	4	0.300	4	
	M5130,019-W19-05-05	0.750	0.750	0.945	2.781	0.197	5	0.302	5	
	M5130,026-W26-05-05	1.000	1.000	1.000	3.281	0.197	5	0.626	5	
	M5130,026-W26-07-05	1.000	1.000	1.000	3.281	0.197	7	0.642	7	
 Cylindrical shank	M5130,013-A13-03-05	0.500	0.500	0.750	2.531	0.197	3	0.119	3	AC .. 0602 .. R
	M5130,015-A15-03-05	0.625	0.625	0.750	3.566	0.197	3	0.315	3	
	M5130,015-A15-04-05	0.625	0.625	0.750	3.566	0.197	4	0.278	4	
	M5130,019-A19-04-05	0.750	0.750	1.000	4.250	0.197	4	0.461	4	
	M5130,019-A19-05-05	0.750	0.750	1.000	4.250	0.197	5	0.463	5	
	M5130,026-A26-05-05	1.000	1.000	1.000	4.750	0.197	5	0.963	5	
	M5130,026-A26-07-05	1.000	1.000	1.000	4.750	0.197	7	0.963	7	
 Shell mill mount DIN 138 transverse keyway	M5130,051-B19-09-05	2.000	0.750	1.575		0.197	9	1.248	9	AC .. 0602 .. R
	M5130,051-B19-12-05	2.000	0.750	1.575		0.197	12	0.911	12	
	M5130,064-B26-11-05	2.500	1.000	1.575		0.197	11	1.444	11	
	M5130,064-B26-14-05	2.500	1.000	1.575		0.197	14	1.457	14	

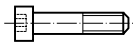
Bodies and assembly parts are included in the scope of delivery

D 2

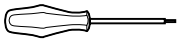
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

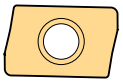
Assembly parts

	D_c [inch]	0.5–1.5	2	2.5
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0.369 lbs	FS2560 (T6IP) 0.369 lbs	FS2560 (T6IP) 0.369 lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	0.5	0.625	0.75	1	1.25	1.5	2–2.5
	Torque screwdriver, analog	FS2002	FS2002	FS2002	FS2002	FS2002	FS2002	FS2002
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	ACGT060204R-G65	G	2	0.016	0.035	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	ACGT060204R-M85	G	2	0.016	0.035												☺	😐		
	ACMT060202R-G55	M	2	0.008	0.039		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-G55	M	2	0.016	0.035	☺	😐	😐	☹	😐	☹	☺	😐	😐	😐	😐			😐	☹
	ACMT060208R-G55	M	2	0.031	0.031		😐	😐	☹		☹				😐	😐				☹
	ACMT060212R-G55	M	2	0.047	0.022		😐	😐	☹		☹				😐	😐				☹
	ACMT060216R-G55	M	2	0.063	0.002		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-K55	M	2	0.016	0.035		☺	☺	😐	☺	😐				😐	😐			☺	😐

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

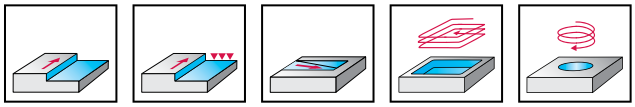
M5130 mm

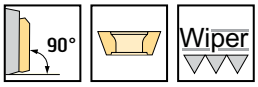
BC .. 0903 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M5130-016-T14-02-09	16	14.5	25		9	2	0.03	2	BC .. 0903 .. R
M5130-020-T18-02-09	20	18.5	30		9	2	0.05	2	
M5130-020-T18-03-09	20	18.5	30		9	3	0.05	3	
M5130-025-T22-03-09	25	22	35		9	3	0.09	3	
M5130-025-T22-04-09	25	22	35		9	4	0.11	4	
M5130-032-T28-04-09	32	28	40		9	4	0.18	4	
M5130-032-T28-05-09	32	28	40		9	5	0.19	5	
Cylindrical modular									
M5130-016-TC08-02-09	16	14.5	25		9	2	0.04	2	BC .. 0903 .. R
M5130-020-TC10-02-09	20	18.5	30		9	2	0.05	2	
M5130-020-TC10-03-09	20	18.5	30		9	3	0.06	3	
M5130-025-TC12-03-09	25	22	35		9	3	0.1	3	
M5130-025-TC12-04-09	25	22	35		9	4	0.09	4	
M5130-032-TC16-04-09	32	28	40		9	4	0.17	4	
M5130-032-TC16-05-09	32	28	40		9	5	0.18	5	
DIN 1835 B									
M5130-016-W16-02-09	16	16	41	90	9	2	0.12	2	BC .. 0903 .. R
M5130-020-W20-02-09	20	20	39	90	9	3	0.18	3	
M5130-020-W20-03-09	20	20	39	90	9	3	0.18	3	
M5130-025-W25-04-09	25	25	43	100	9	4	0.31	4	
M5130-032-W32-05-09	32	32	49	110	9	5	0.59	5	
Cylindrical shank									
M5130-016-A16-02-09	16	16	41	180	9	2	0.25	2	BC .. 0903 .. R
M5130-018-A16-02-09	18	16	41	180	9	2	0.27	2	
M5130-020-A20-02-09	20	20	39	200	9	2	0.44	2	
M5130-020-A20-03-09	20	20	39	200	9	3	0.44	3	
M5130-022-A20-03-09	22	20	39	200	9	3	0.48	3	
M5130-025-A25-03-09	25	25	43	200	9	3	0.73	3	
M5130-025-A25-04-09	25	25	43	200	9	4	0.68	4	
Shell mill mount DIN 138 transverse keyway									
M5130-032-B16-03-09	32	16	40		9	3	0.25	3	BC .. 0903 .. R
M5130-032-B16-06-09	32	16	40		9	6	0.12	6	
M5130-040-B16-04-09	40	16	40		9	4	0.32	4	
M5130-040-B16-06-09	40	16	40		9	6	0.21	6	
M5130-040-B16-07-09	40	16	40		9	7	0.35	7	
M5130-050-B22-05-09	50	22	40		9	5	0.32	5	
M5130-050-B22-07-09	50	22	40		9	7	0.49	7	

Bodies and assembly parts are included in the scope of delivery

D 2

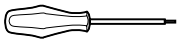
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

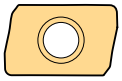
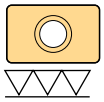
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	16	18–63	20	25	32
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																										
	BCGT090304R-G55	G	2		☺	😐	😐		😵			😐		😵		☺			😐	😐	😐						😐		😵	
	BCGT090304R-K85	G	2																					☺	😐				
	BCMT090302R-G55	M	2			😐	😐		😵					😵						😐	😐								😵	
	BCMT090304R-G55	M	2		☺	😐	😐		😵			😐	😵	😵		☺		😐	😐	😐	😐						😐	😵	😵	
	BCMT090308R-G55	M	2			😐	😐		😵				😵	😵						😐	😐							😵	😵	
	BCMT090312R-G55	M	2			😐	😐		😵					😵						😐	😐								😵	
	BCMT090316R-G55	M	2			😐	😐		😵				😵	😵						😐	😐							😵	😵	
	BCMT090320R-G55	M	2			😐	😐		😵				😵	😵						😐	😐							😵	😵	
	BCMT090304R-F55	M	2		☺	😐	😐		😵				😵	😵		☺		😐	😐	😐	😐							😵	😵	
	BCMT090304R-K55	M	2			☺	☺		😐			☺		😐						😐	😐						☺		😐	
	BCGX0903PDR-G55	G	2	☺				★		☺	★				☺	☺					★	☺							☺

If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked
R (body) = r (indexable insert) – 1 mm
BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😵

☺ 😐 😵 / ★ = New addition to the product range

Shoulder milling cutters

M5130 mm

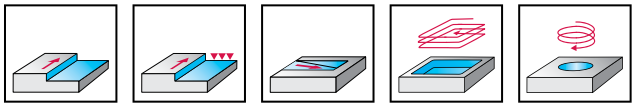
BC .. 0903 .. R

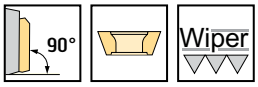
Xtra·tec® XT





– 2 cutting edges per indexable insert

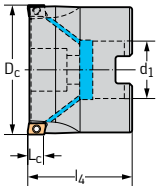




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-050-B22-08-09	50	22	40		9	8	0.48	8	BC .. 0903 .. R
M5130-063-B22-07-09	63	22	40		9	7	0.63	7	
M5130-063-B22-11-09	63	22	40		9	11	0.64	11	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

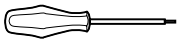
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

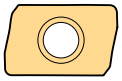
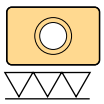
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	16	18–63	20	25	32
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																										
	BCGT090304R-G55	G	2		●	●	●		●			●		●		●			●	●	●						●		●	
	BCGT090304R-K85	G	2																					●	●				
	BCMT090302R-G55	M	2			●	●		●					●						●	●								
	BCMT090304R-G55	M	2		●	●	●		●			●	●	●		●		●	●	●	●						●	●	●	
	BCMT090308R-G55	M	2			●	●		●				●	●						●	●							●	●	
	BCMT090312R-G55	M	2			●	●		●					●						●	●								●	
	BCMT090316R-G55	M	2			●	●		●				●	●						●	●							●	●	
	BCMT090320R-G55	M	2			●	●		●				●	●						●	●							●	●	
	BCMT090304R-F55	M	2		●	●	●		●				●	●		●		●	●	●	●							●	●	
	BCMT090304R-K55	M	2			●	●		●			●		●						●	●						●		●	
	BCGX0903PDR-G55	G	2	●				●		●	●				●	●	●					●	●							●

If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked
R (body) = r (indexable insert) – 1 mm
BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ● → Good = ● → Moderate = ●

● ● ● / ★ = New addition to the product range

Shoulder milling cutters

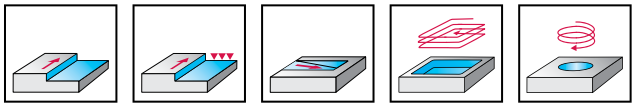
M5130 inch

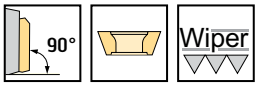
BC .. 0903 .. R

Xtra·tec® XT



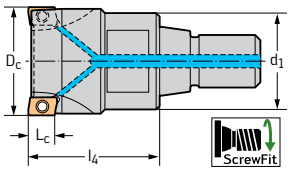
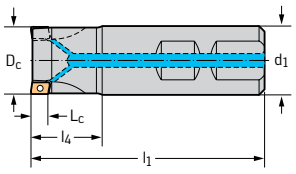
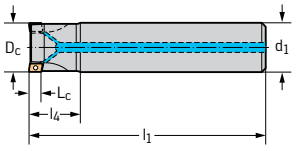
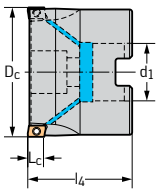
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	★ M5130,019-T18-03-09	0.750	0.728	1.181		0.354	3	0.117	3	BC .. 0903 .. R
	★ M5130,026-T22-04-09	1.000	0.866	1.378		0.354	4	0.218	4	
	★ M5130,031-T28-04-09	1.250	1.102	1.378		0.354	4	0.357	4	
	★ M5130,038-T36-07-09	1.500	1.417	1.575		0.354	7	0.730	7	
 DIN 1835 B	★ M5130,013-W15-01-09	0.500	0.625	0.827	2.732	0.354	1	0.185	1	BC .. 0903 .. R
	M5130,015-W15-02-09	0.625	0.625	0.945	2.851	0.354	2	0.227	2	
	M5130,019-W19-03-09	0.750	0.750	1.535	3.567	0.354	3	0.351	3	
	M5130,026-W26-03-09	1.000	1.000	1.181	3.462	0.354	3	0.624	3	
	M5130,026-W26-04-09	1.000	1.000	1.181	3.462	0.354	4	0.626	4	
	★ M5130,031-W31-05-09	1.250	1.250	1.417	3.698	0.354	5	1.071	5	
	★ M5130,038-W31-06-09	1.500	1.250	1.417	3.698	0.354	6	1.102	6	
 Cylindrical shank	★ M5130,013-A15-01-09	0.500	0.625	1.250	6.250	0.354	1	0.465	1	BC .. 0903 .. R
	M5130,015-A15-02-09	0.625	0.625	1.630	7.000	0.354	2	0.54	2	
	M5130,019-A19-02-09	0.750	0.750	1.630	8.000	0.354	2	0.866	2	
	M5130,019-A19-03-09	0.750	0.750	1.630	8.000	0.354	3	0.869	3	
	M5130,026-A26-03-09	1.000	1.000	1.750	8.000	0.354	3	1.583	3	
	★ M5130,026-A26-04-09	1.000	1.000	1.750	8.000	0.354	4	1.594	4	
 Shell mill mount DIN 138 transverse keyway	★ M5130,038-B19-04-09	1.500	0.750	1.575		0.354	4	0.337	4	BC .. 0903 .. R
	★ M5130,038-B19-07-09	1.500	0.750	1.575		0.354	7	0.39	7	
	M5130,051-B19-05-09	2.000	0.750	1.575		0.354	5	0.756	5	
	M5130,051-B19-08-09	2.000	0.750	1.575		0.354	8	0.809	8	

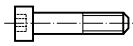
Bodies and assembly parts are included in the scope of delivery

D 2

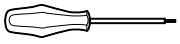
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

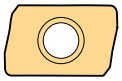
Assembly parts

	D_c [inch]	0.5–1.25	1.5	2
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 0.885 lbs	FS2576 (T8IP) 0.885 lbs	FS2576 (T8IP) 0.885 lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1523

Accessories

	D_c [inch]	0.5–2	0.75	1	1.25	1.5
	Torque screwdriver, analog	FS2002	FS2002	FS2002	FS2002	FS2002
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																				😐						
	BCGT090304R-G55	G	2		🙂	😐	😐			😵		😐			😵	🙂			😐	😐	😐						😐		😵	
	BCGT090304R-K85	G	2																					🙂	😐				
	BCMT090302R-G55	M	2			😐	😐			😵					😵					😐	😐								😵	
	BCMT090304R-G55	M	2		🙂	😐	😐			😵		😐	😵		😵	🙂		😐	😐	😐	😐						😐	😵	😵	
	BCMT090308R-G55	M	2			😐	😐			😵			😵		😵					😐	😐								😵	
	BCMT090312R-G55	M	2			😐	😐			😵					😵					😐	😐								😵	
	BCMT090316R-G55	M	2			😐	😐			😵			😵		😵					😐	😐								😵	
	BCMT090320R-G55	M	2			😐	😐			😵			😵		😵					😐	😐								😵	
	BCMT090304R-F55	M	2		🙂	😐	😐			😵			😵		😵	🙂		😐	😐	😐	😐								😵	
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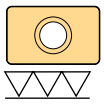
	BCGX0903PDR-G55	G	2	🙂				😐		🙂	😐				🙂	🙂	🙂					😐	🙂							🙂

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked
R (body) = r (indexable insert) – 1 mm
BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = 😵

😐 😐 😵 / ★ = New addition to the product range

Shoulder milling cutters

M5130 mm

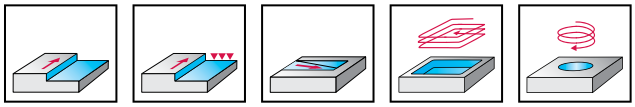
BC .. 1204 .. R

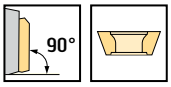
Xtra·tec® XT



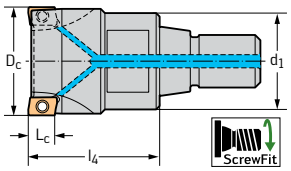
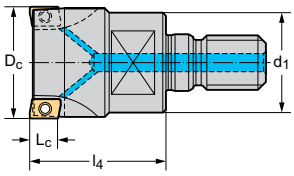
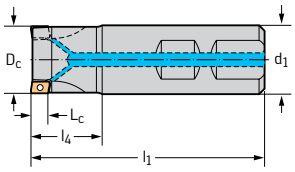
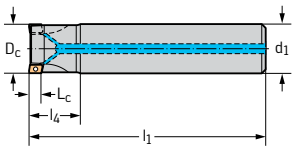
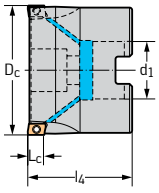


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-025-T22-03-12	25	22	35		12	3	0.1	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	28	40		12	3	0.17	3	
	M5130-032-T28-04-12	32	28	40		12	4	0.18	4	
	M5130-040-T36-03-12	40	36	40		12	3	0.33	3	
	M5130-040-T36-05-12	40	36	40		12	5	0.32	5	
	M5130-040-T36-06-12	40	36	40		12	6	0.32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	22	35		12	3	0.1	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	28	40		12	3	0.16	3	
	M5130-032-TC16-04-12	32	28	40		12	4	0.17	4	
	M5130-040-TC16-03-12	40	28	40		12	3	0.21	3	
	M5130-040-TC16-06-12	40	28	40		12	6	0.22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0.3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0.53	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0.56	4	
	M5130-040-W32-05-12	40	32	49	110	12	5	0.65	5	
	M5130-040-W32-06-12	40	32	49	110	12	6	0.68	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0.45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0.71	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0.68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1.44	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1.42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1.57	5	
	M5130-040-A40-04-12	40	40	44	250	12	4	2.25	4	
 Shell mill mount DIN 138 transverse keyway	M5130-040-B16-03-12	40	16	40		12	3	0.17	3	BC .. 1204 .. R
	M5130-040-B16-04-12	40	16	40		12	4	0.18	4	
	M5130-040-B16-05-12	40	16	40		12	5	0.19	5	
	M5130-040-B16-06-12	40	16	40		12	6	0.33	6	
	M5130-050-B22-03-12	50	22	40		12	3	0.32	3	
	M5130-050-B22-04-12	50	22	40		12	4	0.3	4	
	M5130-050-B22-06-12	50	22	40		12	6	0.46	6	

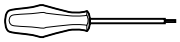
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

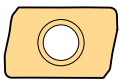
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80	25	32	40
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC				M HC			K HC					N DP	N HC	N HW	S HC		
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	BCGT120408R-B85	G	1													●					
	BCGT120408R-G55	G	2	☺	●	●	☹	●		☹			●	●	●				●		☹
	BCHT120404R-K85	H	2														☺	●			
	BCHT120408R-K85	H	2														☺	●			
	BCHT120412R-K85	H	2														☺	●			
	BCHT120416R-K85	H	2														☺	●			
	BCHT120420R-K85	H	2														☺	●			
	BCHT120425R-K85	H	2														☺	●			
	BCHT120430R-K85	H	2														☺	●			
	BCHT120440R-K85	H	2														☺	●			
	BCMT120404R-G55	M	2		●	●	☹			☹				●	●						☹
	BCMT120408R-G55	M	2	☺	●	●	☹	●	☹	☹	☺	●	●	●	●				●	☹	☹
	BCMT120412R-G55	M	2		●	●	☹		☹	☹				●	●					☹	☹
	BCMT120416R-G55	M	2		●	●	☹		☹	☹				●	●					☹	☹
	BCMT120420R-G55	M	2		●	●	☹		☹	☹				●	●					☹	☹
	BCMT120425R-G55	M	2		●	●	☹			☹				●	●						☹
	BCMT120430R-G55	M	2		●	●	☹		☹	☹				●	●					☹	☹
	BCMT120432R-G55	M	2		●	●	☹			☹				●	●						☹
	BCMT120440R-G55	M	2		●	●	☹		☹	☹				●	●					☹	☹
	BCMT120408R-F55	M	2	☺	●	●	☹			☹	☺	●	●	●	●						☹
	BCMT120408R-K55	M	2		☺	☺	●	☺		●				●	●				☺		●

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ● → Moderate = ☹

☺ ● ☹ / ★ = New addition to the product range

Shoulder milling cutters

M5130 mm

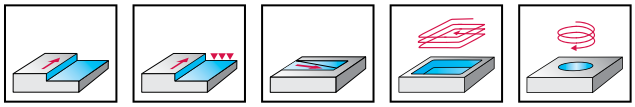
BC .. 1204 .. R

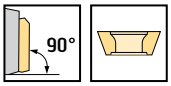
Xtra·tec® XT





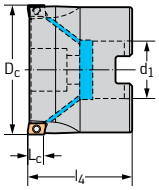
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-050-B22-07-12	50	22	40		12	7	0.31	7	BC .. 1204 .. R
M5130-063-B22-04-12	63	22	40		12	4	0.66	4	
M5130-063-B22-05-12	63	22	40		12	5	0.48	5	
M5130-063-B22-07-12	63	22	40		12	7	0.72	7	
M5130-063-B22-08-12	63	22	40		12	8	0.51	8	
M5130-063-B27-04-12	63	27	50		12	4	0.66	4	
M5130-063-B27-05-12	63	27	50		12	5	0.67	5	
M5130-063-B27-07-12	63	27	50		12	7	0.93	7	
M5130-063-B27-08-12	63	27	50		12	8	0.71	8	
M5130-080-B27-05-12	80	27	50		12	5	1.12	5	
M5130-080-B27-06-12	80	27	50		12	6	1.15	6	
M5130-080-B27-08-12	80	27	50		12	8	1.02	8	
M5130-080-B27-09-12	80	27	50		12	9	1.21	9	

Bodies and assembly parts are included in the scope of delivery

D 2

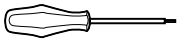
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

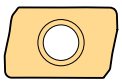
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80	25	32	40
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1													☹					
	BCGT120408R-G55	G	2	☺	☹	☹	😠	☹		😠			☹	☹	☹				☹		😠
	BCHT120404R-K85	H	2														☺	☹			
	BCHT120408R-K85	H	2														☺	☹			
	BCHT120412R-K85	H	2														☺	☹			
	BCHT120416R-K85	H	2														☺	☹			
	BCHT120420R-K85	H	2														☺	☹			
	BCHT120425R-K85	H	2														☺	☹			
	BCHT120430R-K85	H	2														☺	☹			
	BCHT120440R-K85	H	2														☺	☹			
	BCMT120404R-G55	M	2		☹	☹	😠			☹				☹	☹						😠
	BCMT120408R-G55	M	2	☺	☹	☹	😠	☹	😠	😠	☺	☹	☹	☹	☹				☹	😠	😠
	BCMT120412R-G55	M	2		☹	☹	😠		😠	😠				☹	☹					😠	😠
	BCMT120416R-G55	M	2		☹	☹	😠		😠	😠				☹	☹					😠	😠
	BCMT120420R-G55	M	2		☹	☹	😠		😠	😠				☹	☹					😠	😠
	BCMT120425R-G55	M	2		☹	☹	😠			😠				☹	☹						😠
	BCMT120430R-G55	M	2		☹	☹	😠		😠	😠				☹	☹					😠	😠
	BCMT120432R-G55	M	2		☹	☹	😠			😠				☹	☹						😠
	BCMT120440R-G55	M	2		☹	☹	😠		😠	😠				☹	☹					😠	😠
	BCMT120408R-F55	M	2	☺	☹	☹	😠			😠	☺	☹	☹	☹	☹						😠
	BCMT120408R-K55	M	2		☺	☺	☹	☺		☹				☹	☹				☺		☹

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = 😠

☺ ☹ 😠 / ★ = New addition to the product range

Shoulder milling cutters

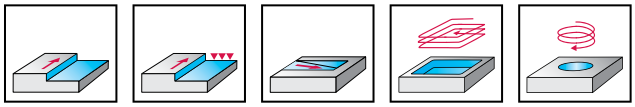
M5130 inch

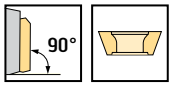
BC .. 1204 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
ScrewFit									
M5130,026-T22-03-12	1.000	0.866	1.378		0.472	3	0.187	3	BC .. 1204 .. R
★ M5130,026-T22-04-12	1.000	0.866	1.378		0.472	4	0.196	4	
M5130,031-T28-03-12	1.250	1.102	1.575		0.472	3	0.351	3	
M5130,031-T28-04-12	1.250	1.102	1.575		0.472	4	0.412	4	
M5130,038-T36-06-12	1.500	1.417	1.575		0.472	6	0.710	6	
M5130,051-T45-06-12	2.000	1.772	1.575		0.472	6	1.074	6	
M5130,051-T45-07-12	2.000	1.772	1.575		0.472	7	1.076	7	
DIN 1835 B									
M5130,019-W19-02-12	0.750	0.750	1.024	3.059	0.472	2	0.291	2	BC .. 1204 .. R
★ M5130,026-W19-03-12	1.000	0.750	0.945	3.366	0.472	3	0.359	3	
M5130,026-W26-03-12	1.000	1.000	1.339	3.280	0.472	3	0.604	3	
★ M5130,031-W26-04-12	1.250	1.000	1.417	3.701	0.472	4	0.723	4	
★ M5130,031-W26-05-12	1.250	1.000	1.417	3.701	0.472	5	0.728	5	
M5130,031-W31-04-12	1.250	1.250	1.417	3.697	0.472	4	1.071	4	
★ M5130,031-W31-05-12	1.250	1.250	1.417	3.701	0.472	5	1.047	5	
★ M5130,038-W31-04-12	1.500	1.250	1.730	4.011	0.472	4	1.268	4	
★ M5130,038-W31-06-12	1.500	1.250	1.730	4.011	0.472	6	1.294	6	
Cylindrical shank									
M5130,019-A19-02-12	0.750	0.750	1.030	7.530	0.472	2	0.816	2	BC .. 1204 .. R
★ M5130,026-A19-03-12	1.000	0.750	1.500	8.000	0.472	3	0.908	3	
★ M5130,026-A26-02-12	1.000	1.000	1.500	8.000	0.472	2	1.603	2	
M5130,026-A26-03-12	1.000	1.000	1.500	8.000	0.472	3	1.572	3	
★ M5130,031-A31-03-12	1.250	1.250	1.630	10.000	0.472	3	3.146	3	
M5130,031-A31-04-12	1.250	1.250	1.630	10.000	0.472	4	3.142	4	
★ M5130,038-A31-04-12	1.500	1.250	1.630	10.000	0.472	4	3.318	4	
Shell mill mount DIN 138 transverse keyway									
M5130,038-B19-05-12	1.500	0.750	1.500		0.472	5	0.340	5	BC .. 1204 .. R
M5130,038-B19-06-12	1.500	0.750	1.500		0.472	6	0.326	6	
M5130,051-B19-04-12	2.000	0.750	1.575		0.472	4	0.644	4	
M5130,051-B19-06-12	2.000	0.750	1.575		0.472	6	1.131	6	
M5130,051-B19-07-12	2.000	0.750	1.575		0.472	7	1.129	7	
M5130,064-B26-05-12	2.500	1.000	1.575		0.472	5	1.208	5	
★ M5130,064-B26-07-12	2.500	1.000	1.575		0.472	7	1.228	7	
M5130,064-B26-08-12	2.500	1.000	1.575		0.472	8	1.202	8	
M5130,076-B26-06-12	3.000	1.000	2.000		0.472	6	2.606	6	
M5130,076-B26-08-12	3.000	1.000	2.000		0.472	8	2.205	8	
M5130,076-B26-09-12	3.000	1.000	2.000		0.472	9	2.593	9	
★ M5130,102-B38-12-12	4.000	1.500	2.500		0.472	12	6.162	12	

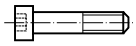
Bodies and assembly parts are included in the scope of delivery

D 2

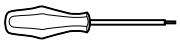
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

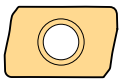
Assembly parts

	D_c [inch]	0.75–1.25	1.5	2	2.5	3	4–5
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1523	FS1519	FS1519	FS1583

Accessories

	D_c [inch]	0.75–5	1	1.25	1.5	2
	Torque screwdriver, analog	FS2004	FS2004	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1													●					
	BCGT120408R-G55	G	2	●	●	●	○	●		○			●	●	●				●		○
	BCHT120404R-K85	H	2														●	●			
	BCHT120408R-K85	H	2														●	●			
	BCHT120412R-K85	H	2														●	●			
	BCHT120416R-K85	H	2														●	●			
	BCHT120420R-K85	H	2														●	●			
	BCHT120425R-K85	H	2														●	●			
	BCHT120430R-K85	H	2														●	●			
	BCHT120440R-K85	H	2														●	●			
	BCMT120404R-G55	M	2		●	●	○			○				●	●						○
	BCMT120408R-G55	M	2	●	●	●	○	●	○	○	●	●	●	●	●				●	○	○
	BCMT120412R-G55	M	2		●	●	○		○	○				●	●					○	○
	BCMT120416R-G55	M	2		●	●	○		○	○				●	●					○	○
	BCMT120420R-G55	M	2		●	●	○		○	○				●	●					○	○
	BCMT120425R-G55	M	2		●	●	○			○				●	●						○
	BCMT120430R-G55	M	2		●	●	○		○	○				●	●					○	○
	BCMT120432R-G55	M	2		●	●	○			○				●	●						○
	BCMT120440R-G55	M	2		●	●	○		○	○				●	●					○	○
	BCMT120408R-F55	M	2	●	●	●	○			○	●	●	●	●	●						○
	BCMT120408R-K55	M	2		●	●	●	●		●				●	●				●		●

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ● → Good = ◐ → Moderate = ○

● ◐ ○ / ★ = New addition to the product range

Shoulder milling cutters

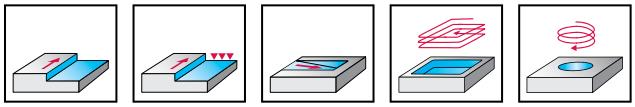
M5130 inch

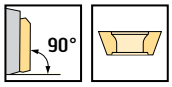
BC .. 1204 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

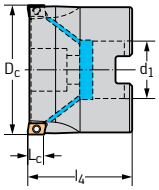




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
★ M5130,127-B38-14-12	5.000	1.500	2.500		0.472	14	8.499	14	BC .. 1204 .. R



Shell mill mount DIN 138 transverse keyway

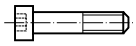
Bodies and assembly parts are included in the scope of delivery

D 2

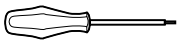
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

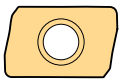
Assembly parts

	D_c [inch]	0.75–1.25	1.5	2	2.5	3	4–5
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1523	FS1519	FS1519	FS1583

Accessories

	D_c [inch]	0.75–5	1	1.25	1.5	2
	Torque screwdriver, analog	FS2004	FS2004	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1													☻					
	BCGT120408R-G55	G	2	☻	☻	☻	☒	☻		☒			☻	☻	☻				☻		☒
	BCHT120404R-K85	H	2														☻	☻			
	BCHT120408R-K85	H	2														☻	☻			
	BCHT120412R-K85	H	2														☻	☻			
	BCHT120416R-K85	H	2														☻	☻			
	BCHT120420R-K85	H	2														☻	☻			
	BCHT120425R-K85	H	2														☻	☻			
	BCHT120430R-K85	H	2														☻	☻			
	BCHT120440R-K85	H	2														☻	☻			
	BCMT120404R-G55	M	2		☻	☻	☒			☒				☻	☻						☒
	BCMT120408R-G55	M	2	☻	☻	☻	☒	☻	☒	☒	☻	☻	☻	☻	☻				☻	☒	☒
	BCMT120412R-G55	M	2		☻	☻	☒		☒	☒				☻	☻					☒	☒
	BCMT120416R-G55	M	2		☻	☻	☒		☒	☒				☻	☻					☒	☒
	BCMT120420R-G55	M	2		☻	☻	☒		☒	☒				☻	☻					☒	☒
	BCMT120425R-G55	M	2		☻	☻	☒			☒				☻	☻						☒
	BCMT120430R-G55	M	2		☻	☻	☒		☒	☒				☻	☻					☒	☒
	BCMT120432R-G55	M	2		☻	☻	☒			☒				☻	☻						☒
	BCMT120440R-G55	M	2		☻	☻	☒		☒	☒				☻	☻					☒	☒
	BCMT120408R-F55	M	2	☻	☻	☻	☒			☒	☻	☻	☻	☻	☻						☒
	BCMT120408R-K55	M	2		☻	☻	☻	☻		☻				☻	☻				☻		☻

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☒

☻ 😐 ☒ / ★ = New addition to the product range

Shoulder milling cutters

M5130 mm

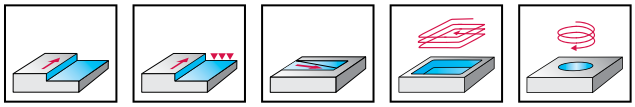
BC .. 1605 .. R

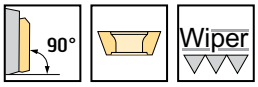
Xtra·tec® XT





– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M5130-032-T28-03-15	32	28	40		15	3	0.16	3	BC .. 1605 .. R
M5130-040-T36-03-15	40	36	40		15	3	0.31	3	
M5130-040-T36-04-15	40	36	40		15	4	0.31	4	
M5130-050-T45-03-15	50	45	40		15	3	0.45	3	
M5130-050-T45-05-15	50	45	40		15	5	0.43	5	
M5130-050-T45-06-15	50	45	40		15	6	0.49	6	
Cylindrical modular									
M5130-032-TC16-03-15	32	28	40		15	3	0.15	3	BC .. 1605 .. R
M5130-040-TC16-03-15	40	28	40		15	3	0.24	3	
M5130-040-TC16-04-15	40	28	40		15	4	0.2	4	
DIN 1835 B									
M5130-025-W25-02-15	25	25	43	100	15	2	0.3	2	BC .. 1605 .. R
M5130-032-W32-03-15	32	32	49	110	15	3	0.57	3	
Cylindrical shank									
M5130-025-A25-02-15	25	25	38	200	15	2	0.67	2	BC .. 1605 .. R
M5130-028-A25-02-15	28	25	38	200	15	2	0.7	2	
M5130-032-A32-03-15	32	32	39	250	15	3	1.43	3	
M5130-035-A32-03-15	35	32	39	250	15	3	1.46	3	
Shell mill mount DIN 138 transverse keyway									
M5130-040-B16-03-15	40	16	40		15	3	0.15	3	BC .. 1605 .. R
M5130-040-B16-04-15	40	16	40		15	4	0.17	4	
M5130-042-B16-03-15	42	16	40		15	3	0.17	3	
M5130-050-B22-03-15	50	22	40		15	3	0.42	3	
M5130-050-B22-05-15	50	22	40		15	5	0.41	5	
M5130-050-B22-06-15	50	22	40		15	6	0.4	6	
M5130-054-B22-03-15	54	22	40		15	3	0.5	3	
M5130-063-B22-04-15	63	22	40		15	4	0.42	4	

Bodies and assembly parts are included in the scope of delivery

D 2

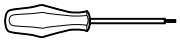
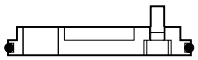
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

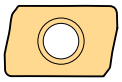
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2.5 Nm	FS2300 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	32	40	50	160
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)					FS936 SET KOMPLETT
	Gasket					O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G51	G	2	2			☻	☻		☻					☻						☻	☻							☻	
	BCGT160508R-G55	G	2	2		☻	☻	☻		☻			☻		☻		☻			☻	☻	☻					☻		☻	
	BCHT160508R-K85	H	2	2																				☻	☻				
	BCHT160512R-K85	H	2	1.7																				☻	☻				
	BCHT160516R-K85	H	2	1.7																				☻	☻				
	BCHT160520R-K85	H	2	1.5																				☻	☻				
	BCHT160525R-K85	H	2	1.4																				☻	☻				
	BCHT160530R-K85	H	2	1.2																				☻	☻				
	BCHT160540R-K85	H	2	1.1																				☻	☻				
	BCMT160508R-F55	M	2	2		☻	☻	☻		☻				☻	☻		☻		☻	☻	☻	☻						☻	☻	
	BCMT160508R-G55	M	2	2		☻	☻	☻		☻			☻	☻	☻		☻		☻	☻	☻	☻					☻	☻	☻	
	BCMT160512R-G55	M	2	1.7			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160516R-G55	M	2	1.5			☻	☻		☻				☻	☻						☻	☻						☻	☻	
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	BCMT160525R-G55	M	2	1.4			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160530R-G55	M	2	1.2			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160532R-G55	M	2	1.1			☻	☻		☻					☻						☻	☻							☻	
	BCMT160540R-G55	M	2	1.1			☻	☻		☻				☻	☻						☻	☻						☻	☻	
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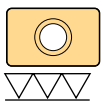
	BCMT160560R-G55	M	2	0.1			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160508R-G55W	M	2	2						☻				☻	☻													☻	☻	
	BCMT160516R-G55W	M	2	1.5						☻				☻	☻													☻	☻	
	BCMT160530R-G55W	M	2	1.2						☻				☻	☻													☻	☻	
	BCMT160508R-K55	M	2	2			☻	☻		☻			☻	☻	☻						☻	☻					☻	☻	☻	
	BCGX1605PDR-G55	G	2	8	☻			☻		☻	☻					☻	☻	☻					☻	☻						☻

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

M5130 mm

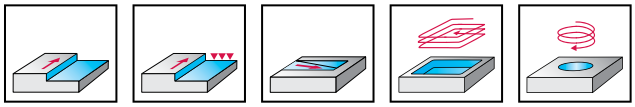
BC .. 1605 .. R

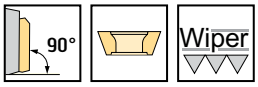
Xtra·tec® XT





– 2 cutting edges per indexable insert

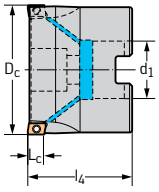




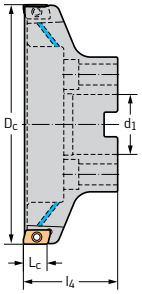
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-063-B22-06-15	63	22	40		15	6	0.44	6	BC .. 1605 .. R
M5130-063-B22-07-15	63	22	40		15	7	0.45	7	
M5130-063-B27-04-15	63	27	50		15	4	0.61	4	
M5130-063-B27-06-15	63	27	50		15	6	0.64	6	
M5130-063-B27-07-15	63	27	50		15	7	0.86	7	
M5130-066-B27-04-15	66	27	50		15	4	0.88	4	
M5130-080-B27-05-15	80	27	50		15	5	1.14	5	
M5130-080-B27-07-15	80	27	50		15	7	0.96	7	
M5130-080-B27-08-15	80	27	50		15	8	0.97	8	
M5130-085-B27-05-15	85	27	50		15	5	1.03	5	
M5130-100-B32-05-15	100	32	50		15	5	1.58	5	
M5130-100-B32-08-15	100	32	50		15	8	1.62	8	
M5130-125-B40-07-15	125	40	63		15	7	3.97	7	
M5130-125-B40-10-15	125	40	63		15	10	2.67	10	
M5130-160-B40-08-15	160	40	63		15	8	3.69	8	BC .. 1605 .. R
M5130-160-B40-12-15	160	40	63		15	12	3.02	12	



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

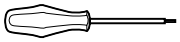
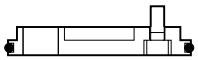
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

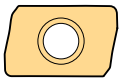
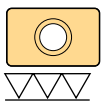
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2.5 Nm	FS2300 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	32	40	50	160
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)					FS936 SET KOMPLETT
	Gasket					O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G51	G	2	2			☻	☻		☻					☻						☻	☻							☻	
	BCGT160508R-G55	G	2	2		☻	☻	☻		☻			☻		☻		☻			☻	☻	☻					☻		☻	
	BCHT160508R-K85	H	2	2																				☻	☻				
	BCHT160512R-K85	H	2	1.7																				☻	☻				
	BCHT160516R-K85	H	2	1.7																				☻	☻				
	BCHT160520R-K85	H	2	1.5																				☻	☻				
	BCHT160525R-K85	H	2	1.4																				☻	☻				
	BCHT160530R-K85	H	2	1.2																				☻	☻				
	BCHT160540R-K85	H	2	1.1																				☻	☻				
	BCMT160508R-F55	M	2	2		☻	☻	☻		☻				☻	☻		☻		☻	☻	☻	☻						☻	☻	
	BCMT160508R-G55	M	2	2		☻	☻	☻		☻			☻	☻	☻		☻		☻	☻	☻	☻					☻	☻	☻	
	BCMT160512R-G55	M	2	1.7			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160516R-G55	M	2	1.5			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160520R-G55	M	2	1.5			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160525R-G55	M	2	1.4			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160530R-G55	M	2	1.2			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160532R-G55	M	2	1.1			☻	☻		☻					☻						☻	☻							☻	
	BCMT160540R-G55	M	2	1.1			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160550R-G55	M	2	0.7			☻	☻		☻					☻						☻	☻							☻	
	BCMT160560R-G55	M	2	0.1			☻	☻		☻				☻	☻						☻	☻						☻	☻	
	BCMT160508R-G55W	M	2	2						☻				☻	☻													☻	☻	
	BCMT160516R-G55W	M	2	1.5						☻				☻	☻													☻	☻	
	BCMT160530R-G55W	M	2	1.2						☻				☻	☻													☻	☻	
	BCMT160508R-K55	M	2	2			☻	☻		☻			☻	☻	☻						☻	☻					☻	☻	☻	
	BCGX1605PDR-G55	G	2	8	☻			☻		☻	☻				☻	☻	☻				☻	☻							☻

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

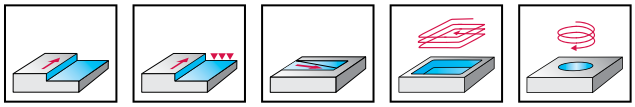
M5130 inch

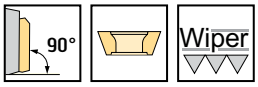
BC .. 1605 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
ScrewFit									
M5130,038-T36-03-15	1.500	1.417	1.500		0.591	3	0.661	3	BC .. 1605 .. R
M5130,038-T36-04-15	1.500	1.417	1.500		0.591	4	0.701	4	
★ M5130,051-T45-03-15	2.000	1.772	1.575		0.591	3	0.974	3	
M5130,051-T45-06-15	2.000	1.772	1.575		0.591	6	1.016	6	
DIN 1835 B									
★ M5130,026-W19-02-15	1.000	0.750	1.85	3.878	0.591	2	0.419	2	BC .. 1605 .. R
M5130,026-W26-02-15	1.000	1.000	1.850	4.131	0.591	2	0.719	2	
M5130,031-W31-03-15	1.250	1.250	1.500	3.781	0.591	3	1.012	3	
★ M5130,038-W31-03-15	1.500	1.250	1.730	4.011	0.591	3	1.243	3	
M5130,038-W31-04-15	1.500	1.250	1.730	4.008	0.591	4	1.261	4	
Cylindrical shank									
★ M5130,026-A19-02-15	1.000	0.750	1.496	7.996	0.591	2	0.902	2	BC .. 1605 .. R
M5130,026-A26-02-15	1.000	1.000	1.850	8.350	0.591	2	1.607	2	
M5130,031-A31-03-15	1.250	1.250	1.500	9.87	0.591	3	3.201	3	
Shell mill mount DIN 138 transverse keyway									
M5130,051-B19-03-15	2.000	0.750	1.575		0.591	3	1.034	3	BC .. 1605 .. R
M5130,051-B19-05-15	2.000	0.750	1.575		0.591	5	0.661	5	
M5130,051-B19-06-15	2.000	0.750	1.575		0.591	6	1.082	6	
M5130,064-B26-04-15	2.500	1.000	1.575		0.591	4	1.096	4	
M5130,064-B26-06-15	2.500	1.000	1.575		0.591	6	1.146	6	
M5130,064-B26-07-15	2.500	1.000	1.575		0.591	7	1.131	7	
M5130,076-B26-05-15	3.000	1.000	2.000		0.591	5	2.502	5	
M5130,076-B26-07-15	3.000	1.000	2.000		0.591	7	2.008	7	
M5130,076-B26-08-15	3.000	1.000	2.000		0.591	8	2.297	8	
M5130,102-B38-05-15	4.000	1.500	2.500		0.591	5	5.269	5	
M5130,102-B38-08-15	4.000	1.500	2.500		0.591	8	6.041	8	
M5130,127-B38-07-15	5.000	1.500	2.500		0.591	7	7.542	7	
M5130,127-B38-10-15	5.000	1.500	2.500		0.591	10	8.201	10	
M5130,152-B38-08-15	6.000	1.500	2.500		0.591	8	10.437	8	
M5130,152-B38-12-15	6.000	1.500	2.500		0.591	12	10.229	12	

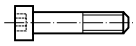
Bodies and assembly parts are included in the scope of delivery

D 2

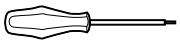
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

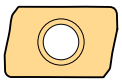
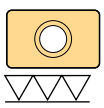
Assembly parts

	D_c [inch]	1	1.25–1.5	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 1.844 lbs	FS2300 (T15IP) 2.581 lbs	FS1461 (T15IP) 1.844 lbs	FS2300 (T15IP) 2.581 lbs	FS2300 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools			FS1523	FS1519	FS1583

Accessories

	D_c [inch]	1–6	1.5	2
	Torque screwdriver, analog	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G51	G	2	0.079																									
	BCGT160508R-G55	G	2	0.079																									
	BCHT160508R-K85	H	2	0.079																									
	BCHT160512R-K85	H	2	0.067																									
	BCHT160516R-K85	H	2	0.067																									
	BCHT160520R-K85	H	2	0.059																									
	BCHT160525R-K85	H	2	0.055																									
	BCHT160530R-K85	H	2	0.047																									
	BCHT160540R-K85	H	2	0.043																									
	BCMT160508R-F55	M	2	0.079																									
	BCMT160508R-G55	M	2	0.079																									
	BCMT160512R-G55	M	2	0.067																									
	BCMT160516R-G55	M	2	0.059																									
	BCMT160520R-G55	M	2	0.059																									
	BCMT160525R-G55	M	2	0.055																									
	BCMT160530R-G55	M	2	0.047																									
	BCMT160532R-G55	M	2	0.043																									
	BCMT160540R-G55	M	2	0.043																									
	BCMT160550R-G55	M	2	0.028																									
	BCMT160560R-G55	M	2	0.004																									
	BCMT160508R-G55W	M	2	0.079																									
	BCMT160516R-G55W	M	2	0.059																									
	BCMT160530R-G55W	M	2	0.047																									
	BCMT160508R-K55	M	2	0.079																									
	BCGX1605PDR-G55	G	2	0.315																									

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

M5137 mm

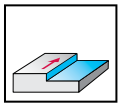
TNMU11T3...

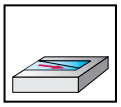
Xtra·tec® XT

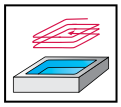


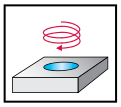


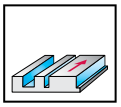
– 6 cutting edges per indexable insert

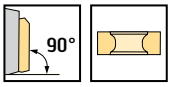






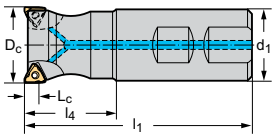






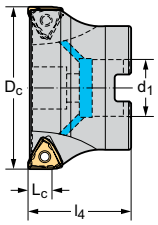
	P	M	K	N	S	H	O
M5137	●●	●	●●		●		

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-025-W25-03-05	25	25	40	96	5	3	0.29	3	TNMU11T3...
M5137-032-W32-04-05	32	32	40	101	5	4	0.53	4	
M5137-032-W32-05-05	32	32	40	101	5	5	0.53	5	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-040-B16-05-05	40	16	40		5	5	0.19	5	TNMU11T3...
M5137-040-B16-06-05	40	16	40		5	6	0.19	6	
M5137-050-B22-06-05	50	22	40		5	6	0.29	6	
M5137-050-B22-08-05	50	22	40		5	8	0.43	8	
M5137-063-B22-07-05	63	22	40		5	7	0.48	7	
M5137-063-B22-09-05	63	22	40		5	9	0.69	9	

Bodies and assembly parts are included in the scope of delivery

D 2

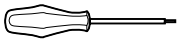
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

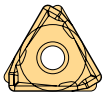
Assembly parts

	D_c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0.9 Nm

Accessories

	D_c [mm]	25–63
	Torque screwdriver, analog	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G27	M	6	0.4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T308R-G27	M	6	0.8	0.8		😐		☹	☹		☹		☹
	TNMU11T304R-G57	M	6	0.4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

M5137 inch

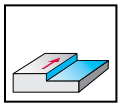
TNMU11T3...

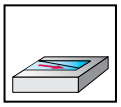
Xtra·tec® XT

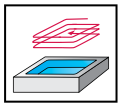


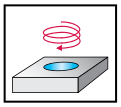


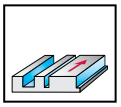
– 6 cutting edges per indexable insert

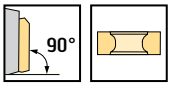






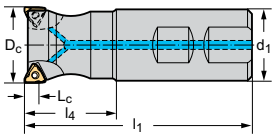






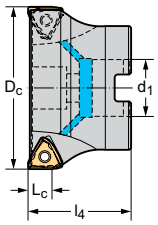
	P	M	K	N	S	H	O
M5137	●●	●	●●		●		

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
★ M5137,026-W19-03-05	1.000	0.750	1.181	3.212	0.197	3	0.353	3	TNMU11T3...
M5137,026-W26-03-05	1.000	1.000	1.181	3.462	0.197	3	0.639	3	
★ M5137,031-W26-04-05	1.250	1.000	1.181	3.462	0.197	4	0.705	4	
★ M5137,031-W26-05-05	1.250	1.000	1.181	3.462	0.197	5	0.683	5	
M5137,031-W31-04-05	1.250	1.250	1.181	3.462	0.197	4	1.014	4	
M5137,031-W31-05-05	1.250	1.250	1.181	3.462	0.197	5	0.992	5	



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5137,038-B19-05-05	1.500	0.750	1.500		0.197	5	0.331	5	TNMU11T3...
M5137,038-B19-06-05	1.500	0.750	1.500		0.197	6	0.617	6	
M5137,051-B19-06-05	2.000	0.750	1.500		0.197	6	0.728	6	
M5137,051-B19-08-05	2.000	0.750	1.500		0.197	8	0.728	8	
M5137,064-B26-07-05	2.500	1.000	1.500		0.197	7	1.759	7	
M5137,064-B26-09-05	2.500	1.000	1.500		0.197	9	1.146	9	

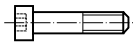
Bodies and assembly parts are included in the scope of delivery

D 2

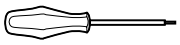
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

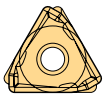
Assembly parts

	D_c [inch]	1–1.25	1.5–2	2.5
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0.664 lbs	FS2061 (T7IP) 0.664 lbs	FS2061 (T7IP) 0.664 lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	1–2.5
	Torque screwdriver, analog	FS2002
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G27	M	6	0.016	0.039	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T308R-G27	M	6	0.031	0.030		😐		☹	☹		☹		☹
	TNMU11T304R-G57	M	6	0.016	0.039	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

M5137 mm

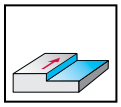
TNMU1605...

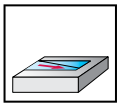
Xtra·tec® XT

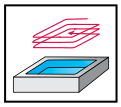


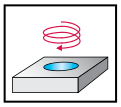


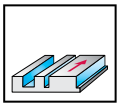
– 6 cutting edges per indexable insert

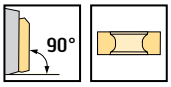








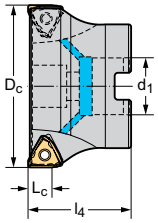




	P	M	K	N	S	H	O
M5137	●●	●	●●		●		

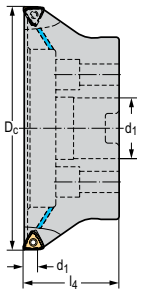
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-050-B22-04-08	50	22	40	8	4	0.26	4	TNMU1605...
M5137-050-B22-05-08	50	22	40	8	5	0.25	5	
M5137-063-B22-05-08	63	22	40	8	5	0.66	5	
M5137-063-B22-07-08	63	22	40	8	7	0.57	7	
M5137-080-B27-07-08	80	27	50	8	7	0.9	7	
M5137-080-B27-09-08	80	27	50	8	9	0.91	9	
M5137-100-B32-08-08	100	32	50	8	8	2.42	8	
M5137-100-B32-11-08	100	32	50	8	11	1.62	11	
M5137-125-B40-11-08	125	40	63	8	11	3.23	11	
M5137-125-B40-13-08	125	40	63	8	13	3.42	13	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-160-B40-12-08	160	40	63	8	12	4.48	12	TNMU1605...
M5137-160-B40-14-08	160	40	63	8	14	4.5	14	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

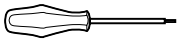
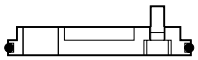
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

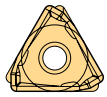
Assembly parts

	D_c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU160508R-G27	M	6	0.8	1.6	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160512R-G27	M	6	1.2	1.3		😐		☹	☹		☹		☹
	TNMU160516R-G27	M	6	1.6	0.9		😐		☹	☹		☹		☹
	TNMU160508R-G57	M	6	0.8	1.6	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Shoulder milling cutters

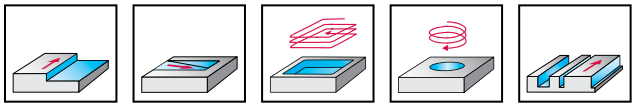
M5137 inch

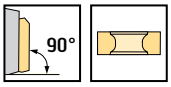
TNMU1605...

Xtra·tec® XT



– 6 cutting edges per indexable insert

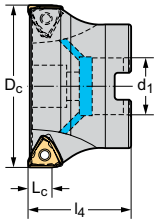




	P	M	K	N	S	H	O
M5137	●●	●	●●		●		

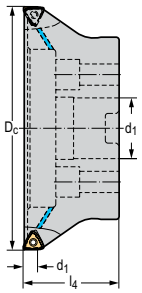
Tool

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5137,051-B19-04-08	2.000	0.750	1.500	0.315	4	0.639	4	TNMU1605...
M5137,051-B19-05-08	2.000	0.750	1.500	0.315	5	0.617	5	
M5137,064-B26-05-08	2.500	1.000	1.500	0.315	5	1.065	5	
M5137,064-B26-07-08	2.500	1.000	1.500	0.315	7	1.014	7	
M5137,076-B26-07-08	3.000	1.000	2.000	0.315	7	1.814	7	
M5137,076-B26-09-08	3.000	1.000	2.000	0.315	9	1.764	9	
M5137,102-B38-08-08	4.000	1.500	2.500	0.315	8	5.470	8	
M5137,102-B38-11-08	4.000	1.500	2.500	0.315	11	5.445	11	
M5137,127-B38-11-08	5.000	1.500	2.48	0.315	11	7.496	11	
M5137,127-B38-13-08	5.000	1.500	2.48	0.315	13	7.518	13	



Shell mill mount DIN 138 transverse keyway

M5137,152-B38-12-08	6.000	1.500	2.48	0.315	12	12.037	12	TNMU1605...
M5137,152-B38-14-08	6.000	1.500	2.48	0.315	14	8.841	14	



Shell mill mount DIN 138 transverse keyway

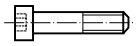
Bodies and assembly parts are included in the scope of delivery

D 2

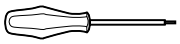
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

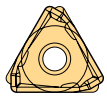
Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 1.475 lbs	FS2079 (T9IP) 1.475 lbs	FS2079 (T9IP) 1.475 lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–4	5–6
	Torque screwdriver, analog	FS2004	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU160508R-G27	M	6	0.031	0.063	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160512R-G27	M	6	0.047	0.051		😐		☹	☹		☹		☹
	TNMU160516R-G27	M	6	0.063	0.035		😐		☹	☹		☹		☹
	TNMU160508R-G57	M	6	0.031	0.063	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

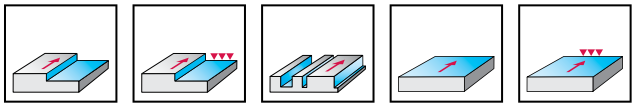
☺ 😐 ☹ / ★ = New addition to the product range

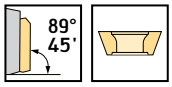
Shoulder milling cutters

M4132 mm



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M4132-016-T14-02-06	16	14.5	25		5.6	2	0.04	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-T18-02-06	20	18.5	30		5.6	2	0.07	2	
M4132-020-T18-03-06	20	18.5	30		5.6	3	0.07	3	
M4132-025-T22-02-09	25	22	35		8.4	2	0.12	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-T22-03-06	25	22	35		5.6	3	0.11	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-T22-04-06	25	22	35		5.6	4	0.12	4	
M4132-032-T28-03-09	32	28	40		8.4	3	0.2	3	SD .. 09T3 .. SDGT09T3PDR
M4132-040-T36-04-09	40	36	40		8.4	4	0.36	4	
M4132-050-T45-06-09	50	45	40		8.4	6	0.55	6	
Cylindrical modular									
M4132-016-TC08-02-06	16	14.5	25		5.6	2	0.03	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-TC10-02-06	20	18.5	30		5.6	2	0.06	2	
M4132-020-TC10-03-06	20	18.5	30		5.6	3	0.07	3	
M4132-025-TC12-02-09	25	22	35		8.4	2	0.1	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-TC12-03-06	25	22	35		5.6	3	0.1	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-TC12-04-06	25	22	35		5.6	4	0.1	4	
M4132-032-TC16-02-09	32	28	40		8.4	2	0.2	2	SD .. 09T3 .. SDGT09T3PDR
M4132-032-TC16-03-09	32	28	40		8.4	3	0.18	3	
DIN 1835 B									
M4132-016-W16-02-06	16	16	31	80	5.6	2	0.12	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-W20-02-06	20	20	39	90	5.6	2	0.2	2	
M4132-020-W20-03-06	20	20	39	90	5.6	3	0.19	3	
M4132-025-W25-02-09	25	25	43	100	8.4	2	0.34	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-W25-03-06	25	25	43	100	5.6	3	0.34	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-W25-04-06	25	25	43	100	5.6	4	0.35	4	
M4132-032-W32-02-09	32	32	49	110	8.4	2	0.61	2	SD .. 09T3 .. SDGT09T3PDR
M4132-032-W32-03-09	32	32	49	110	8.4	3	0.6	3	
M4132-040-W40-04-09	40	40	49	120	8.4	4	1.07	4	
Shell mill mount DIN 138 transverse keyway									
M4132-040-B16-04-09	40	16	40		8.4	4	0.22	4	SD .. 09T3 .. SDGT09T3PDR
M4132-040-B16-05-09	40	16	40		8.4	5	0.22	5	
M4132-050-B22-04-09	50	22	40		8.4	4	0.33	4	
M4132-050-B22-04-12	50	22	40		11.6	4	0.31	4	SD .. 1204 .. SDGT1204PDR
M4132-050-B22-05-12	50	22	40		11.6	5	0.32	5	
M4132-050-B22-06-09	50	22	40		8.4	6	0.35	6	SD .. 09T3 .. SDGT09T3PDR
M4132-063-B22-05-09	63	22	40		8.4	5	0.55	5	
M4132-063-B22-05-12	63	22	40		11.6	5	0.5	5	SD .. 1204 .. SDGT1204PDR
M4132-063-B22-06-12	63	22	40		11.6	6	0.54	6	

Bodies and assembly parts are included in the scope of delivery

D2

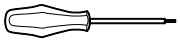
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDGT06T2PDR-D57	G	4	0.4	1.2	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGT09T3PDR-D57	G	4	0.8	1.2	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGT1204PDR-D57	G	4	0.8	1.6	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDHT06T204-G88	H	4	0.4																☺	😐			
	SDMT06T204-D51	M	4	0.4		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT06T204-D57	M	4	0.4		☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹				😐		☹
	SDMT06T204-F57	M	4	0.4		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT06T208-F57	M	4	0.8			😐	😐	☹			☹					☹	☹						☹
	SDMT06T212-F57	M	4	1.2			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW06T204-A57	M	4	0.4		😐	☹	☹								😐	☹	☹						
	SDHT09T304-G88	H	4	0.4																☺	😐			
	SDHT09T308-G88	H	4	0.8																☺	😐			
	SDMT09T308-D51	M	4	0.8		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT09T308-D57	M	4	0.8		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMT09T304-F57	M	4	0.4			😐	😐	☹			☹					☹	☹						☹
	SDMT09T308-F57	M	4	0.8		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT09T312-F57	M	4	1.2			😐	😐	☹			☹					☹	☹						☹
	SDMT09T316-F57	M	4	1.6			😐	😐	☹			☹					☹	☹						☹
	SDMT09T320-F57	M	4	2			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW09T308-A57	M	4	0.8		😐	☹	☹								😐	☹	☹						
	SDMW09T320-A57	M	4	2			☹		☹			☹		😐	😐		☹							☹
	SDHT120408-G88	H	4	0.8																☺	😐			
	SDMT120408-F57	M	4	0.8		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT120412-F57	M	4	1.2			😐	😐	☹			☹					☹	☹						☹
	SDMT120416-F57	M	4	1.6			😐	😐	☹			☹					☹	☹						☹
	SDMT120420-F57	M	4	2			😐	😐	☹			☹					☹	☹						☹
	SDMT120425-F57	M	4	2.5			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMT120408-D51	M	4	0.8		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT120408-D57	M	4	0.8		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMW120408-A57	M	4	0.8		😐	☹	☹								😐	☹	☹						
	SDMW120425-A57	M	4	2.5			☹		☹			☹		😐	😐		☹							☹
	SDGW09T304-A88	G	1	0.4														😐						
	SDGW120408-A88	G	1	0.8														😐						

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

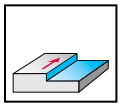
Shoulder milling cutters

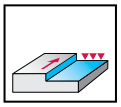
M4132 mm

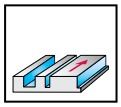


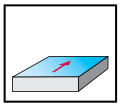


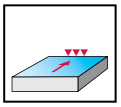
– 4 cutting edges per indexable insert

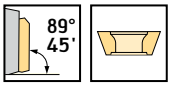






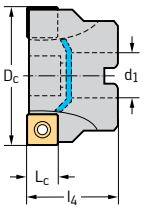






	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4132-063-B22-07-09	63	22	40		8.4	7	0.58	7	SD .. 09T3 .. SDGT09T3PDR
M4132-080-B27-06-09	80	27	50		8.4	6	1.14	6	
M4132-080-B27-06-12	80	27	50		11.6	6	1	6	SD .. 1204 .. SDGT1204PDR
M4132-080-B27-08-09	80	27	50		8.4	8	1.17	8	SD .. 09T3 .. SDGT09T3PDR
M4132-080-B27-08-12	80	27	50		11.6	8	1.05	8	SD .. 1204 .. SDGT1204PDR
M4132-100-B32-07-12	100	32	50		11.6	7	1.8	7	
M4132-100-B32-09-12	100	32	50		11.6	9	1.83	9	
M4132-125-B40-08-12	125	40	63		11.6	8	3.37	8	
M4132-125-B40-10-12	125	40	63		11.6	10	3.42	10	

Bodies and assembly parts are included in the scope of delivery

D 2

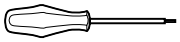
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDGT06T2PDR-D57	G	4	0.4	1.2	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGT09T3PDR-D57	G	4	0.8	1.2	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGT1204PDR-D57	G	4	0.8	1.6	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDHT06T204-G88	H	4	0.4															☺	😐				
	SDMT06T204-D51	M	4	0.4		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT06T204-D57	M	4	0.4		☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹				😐		☹
	SDMT06T204-F57	M	4	0.4		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT06T208-F57	M	4	0.8			😐	😐	☹			☹					☹	☹						☹
	SDMT06T212-F57	M	4	1.2			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW06T204-A57	M	4	0.4		😐	☹	☹								😐	☹	☹						
	SDHT09T304-G88	H	4	0.4															☺	😐				
	SDHT09T308-G88	H	4	0.8															☺	😐				
	SDMT09T308-D51	M	4	0.8		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT09T308-D57	M	4	0.8		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMT09T304-F57	M	4	0.4			😐	😐	☹			☹					☹	☹						☹
	SDMT09T308-F57	M	4	0.8		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT09T312-F57	M	4	1.2			😐	😐	☹			☹					☹	☹						☹
	SDMT09T316-F57	M	4	1.6			😐	😐	☹			☹					☹	☹						☹
	SDMT09T320-F57	M	4	2			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW09T308-A57	M	4	0.8		😐	☹	☹								😐	☹	☹						
	SDMW09T320-A57	M	4	2			☹		☹			☹		😐	😐		☹							☹
	SDHT120408-G88	H	4	0.8															☺	😐				
	SDMT120408-F57	M	4	0.8		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT120412-F57	M	4	1.2			😐	😐	☹			☹					☹	☹						☹
	SDMT120416-F57	M	4	1.6			😐	😐	☹			☹					☹	☹						☹
	SDMT120420-F57	M	4	2			😐	😐	☹			☹					☹	☹						☹
	SDMT120425-F57	M	4	2.5			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMT120408-D51	M	4	0.8		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT120408-D57	M	4	0.8		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMW120408-A57	M	4	0.8		😐	☹	☹								😐	☹	☹						
	SDMW120425-A57	M	4	2.5			☹		☹			☹		😐	😐		☹							☹
	SDGW09T304-A88	G	1	0.4														😐						
	SDGW120408-A88	G	1	0.8														😐						

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

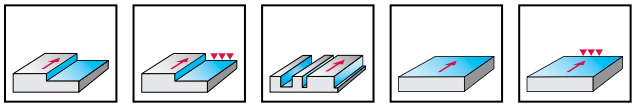
☺ 😐 ☹ / ★ = New addition to the product range

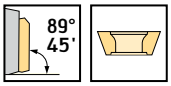
Shoulder milling cutters

M4132 inch



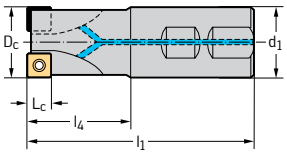
– 4 cutting edges per indexable insert





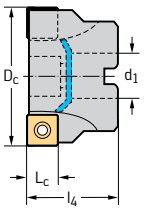
	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4132,015-W15-02-06	0.625	0.625	0.945	2.851	0.22	2	0.234	2	SD .. 06T2 .. SDGT06T2PDR
M4132,019-W19-03-06	0.750	0.750	0.945	2.976	0.22	3	0.342	3	
M4132,026-W26-02-09	1.000	1.000	1.339	3.622	0.331	2	0.071	2	SD .. 09T3 .. SDGT09T3PDR
M4132,031-W31-03-09	1.250	1.250	1.417	3.701	0.331	3	0.108	3	



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4132,038-B13-05-09	1.500	0.500	1.575		0.331	5	0.049	5	SD .. 09T3 .. SDGT09T3PDR
M4132,051-B19-04-12	2.000	0.750	1.500		0.457	4	0.778	4	SD .. 1204 .. SDGT1204PDR
M4132,051-B19-06-09	2.000	0.750	1.575		0.331	6	0.981	6	SD .. 09T3 .. SDGT09T3PDR
M4132,064-B26-05-12	2.500	1.000	1.575		0.457	5	1.109	5	SD .. 1204 .. SDGT1204PDR
M4132,064-B26-07-09	2.500	1.000	1.575		0.331	7	0.141	7	SD .. 09T3 .. SDGT09T3PDR
M4132,076-B26-06-12	3.000	1.000	1.969		0.457	6	2.002	6	SD .. 1204 .. SDGT1204PDR
M4132,076-B26-08-09	3.000	1.000	1.969		0.331	8	2.317	8	SD .. 09T3 .. SDGT09T3PDR

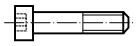
Bodies and assembly parts are included in the scope of delivery

D2

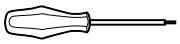
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.664 lbs	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools		FS1597	FS1523

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	FS2002	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDGT06T2PDR-D57	G	4	0.016	0.047	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGT09T3PDR-D57	G	4	0.031	0.047	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGT1204PDR-D57	G	4	0.031	0.063	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDHT06T204-G88	H	4	0.016																☺	😐			
	SDMT06T204-D51	M	4	0.016		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT06T204-D57	M	4	0.016		☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹				😐		☹
	SDMT06T204-F57	M	4	0.016		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT06T208-F57	M	4	0.031			😐	😐	☹			☹					☹	☹						☹
	SDMT06T212-F57	M	4	0.047			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW06T204-A57	M	4	0.016		😐	☹	☹								😐	☹	☹						
	SDHT09T304-G88	H	4	0.016																☺	😐			
	SDHT09T308-G88	H	4	0.031																☺	😐			
	SDMT09T308-D51	M	4	0.031		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT09T308-D57	M	4	0.031		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMT09T304-F57	M	4	0.016			😐	😐	☹			☹					☹	☹						☹
	SDMT09T308-F57	M	4	0.031		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT09T312-F57	M	4	0.047			😐	😐	☹			☹					☹	☹						☹
	SDMT09T316-F57	M	4	0.063			😐	😐	☹			☹					☹	☹						☹
	SDMT09T320-F57	M	4	0.079			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW09T308-A57	M	4	0.031		😐	☹	☹								😐	☹	☹						
	SDMW09T320-A57	M	4	0.079			☹		☹			☹		😐	😐		☹							☹
	SDHT120408-G88	H	4	0.031																☺	😐			
	SDMT120408-F57	M	4	0.031		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT120412-F57	M	4	0.047			😐	😐	☹			☹					☹	☹						☹
	SDMT120416-F57	M	4	0.063			😐	😐	☹			☹					☹	☹						☹
	SDMT120420-F57	M	4	0.079			😐	😐	☹			☹					☹	☹						☹
	SDMT120425-F57	M	4	0.098			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMT120408-D51	M	4	0.031		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT120408-D57	M	4	0.031		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMW120408-A57	M	4	0.031		😐	☹	☹								😐	☹	☹						
	SDMW120425-A57	M	4	0.098			☹		☹			☹		😐	😐		☹							☹
	SDGW09T304-A88	G	1	0.016															😐					
	SDGW120408-A88	G	1	0.031															😐					

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

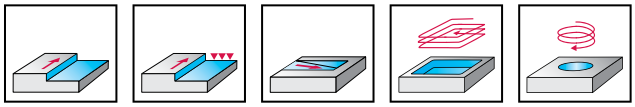
☺ 😐 ☹ / ★ = New addition to the product range

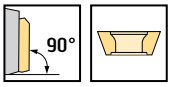
Ramping milling cutters

M2131 mm



– For pocket machining
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M2131				●●			●

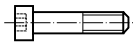
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
M2131-025-T22-02-15	25	22	45			15	2	0.1	2	ZD .. 15 . 4 ..
M2131-032-T28-02-15	32	28	50			15	2	0.23	2	
M2131-032-T28-02-20	32	28	50			20	2	0.17	2	ZD .. 20 . 5 ..
M2131-032-T28-03-15	32	28	50			15	3	0.21	3	ZD .. 15 . 4 ..
M2131-040-T36-02-20	40	36	50			20	2	0.35	2	ZD .. 20 . 5 ..
M2131-040-T36-03-15	40	36	50			15	3	0.39	3	ZD .. 15 . 4 ..
Cylindrical shank										
M2131-025-A20-02-15-S	25	20	40		110	15	2	0.25	2	ZD .. 15 . 4 ..
M2131-025-A25-02-15-L	25	25	40		150	15	2	0.5	2	
M2131-032-A20-02-15-S	32	20	40		110	15	2	0.29	2	
M2131-032-A20-03-15-S	32	20	40		110	15	3	0.26	3	
M2131-032-A25-02-15-L	32	25	40		175	15	2	0.65	2	
M2131-032-A25-02-20-L	32	25	40		175	20	2	0.61	2	ZD .. 20 . 5 ..
M2131-032-A25-03-15-L	32	25	40		175	15	3	0.62	3	ZD .. 15 . 4 ..
M2131-032-A32-02-15-L	32	32	50		175	15	2	0.99	2	
M2131-032-A32-02-20-L	32	32	50		175	20	2	0.93	2	ZD .. 20 . 5 ..
M2131-032-A32-03-15-L	32	32	50		175	15	3	0.96	3	ZD .. 15 . 4 ..
HSK DIN 69893-1 A										
M2131-025-H63-02-15	25	63	110	60		15	2	1	2	ZD .. 15 . 4 ..
M2131-032-H63-02-15	32	63	110	65		15	2	1.1	2	
M2131-050-H63-03-20	50	63	110	80		20	3	1.43	3	ZD .. 20 . 5 ..
M2131-050-H63-04-15	50	63	110	80		15	4	0.21	4	ZD .. 15 . 4 ..
M2131-050-H80-03-20-D	50	80	110	80		20	3	1.88	3	ZD .. 20 . 5 ..
Shell mill mount DIN 138 transverse keyway										
M2131-040-B16-03-15	40	16	50			15	3	0.27	3	ZD .. 15 . 4 ..
M2131-050-B22-03-20	50	22	60			20	3	0.53	3	ZD .. 20 . 5 ..
M2131-050-B22-04-15	50	22	50			15	4	0.38	4	ZD .. 15 . 4 ..
M2131-063-B22-04-20	63	22	50			20	4	0.54	4	ZD .. 20 . 5 ..
M2131-063-B22-05-15	63	22	50			15	5	0.59	5	ZD .. 15 . 4 ..
M2131-080-B27-05-15	80	27	60			15	5	1.37	5	

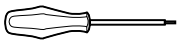
For information on high-speed applications, see "Technical information/Information on high-speed applications" | Pre-balanced tools | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2131-...-D special interface for Dörries Scharmann (similar to HSK-A DIN 69893) | For HSK accessories, see "Assembly parts and accessories/Transfer units for HSK" | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

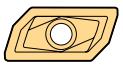
Assembly parts

	Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
	Clamping screw for indexable insert Tightening torque	FS1222 (T15IP) 3.5 Nm	FS2139 (T20IP) 5 Nm
	Clamping screw for arbor-mounted tools	M08X040 ISO4762 12.9 (SW 6)	M10X040 ISO4762 12.9 (SW 8)

Accessories

	Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	N HC HC WNN15	N HC HC WXN15	N HW WK10	N HW WMG40
	ZDGT150404R-K85	G	2	0.4	1.2	☻	☻	😐	
	ZDGT150408R-K85	G	2	0.8	1.2	☻	☻	😐	
	ZDGT150412R-K85	G	2	1.2	1.2	☻	☻	😐	
	ZDGT150416R-K85	G	2	1.6	1.2	☻	☻	😐	
	ZDGT150420R-K85	G	2	2	1.2	☻	☻	😐	
	ZDGT150430R-K85	G	2	3	1.2	☻	☻	😐	
	ZDGT150440R-K85	G	2	4	1.2	☻	☻	😐	
	ZDGT15A404R-K85	G	2	0.4	1.2				😐
	ZDGT15A408R-K85	G	2	0.8	1.2				😐
	ZDGT15A412R-K85	G	2	1.2	1.2				😐
	ZDGT15A416R-K85	G	2	1.6	1.2				😐
	ZDGT15A420R-K85	G	2	2	1.2				😐
	ZDGT15A430R-K85	G	2	3	1.2				😐
	ZDGT15A440R-K85	G	2	4	1.2				😐
	ZDGT200508R-K85	G	2	0.8	1.2	☻		😐	
	ZDGT200512R-K85	G	2	1.2	1.2			😐	
	ZDGT200516R-K85	G	2	1.6	1.2			😐	
	ZDGT200520R-K85	G	2	2	1.2	☻		😐	
	ZDGT200530R-K85	G	2	3	1.2	☻		😐	
	ZDGT200540R-K85	G	2	4	1.2	☻		😐	
	ZDGT200550R-K85	G	2	5	1.2			😐	
	ZDGT200560R-K85	G	2	6	1.2			😐	
	ZDGT200564R-K85	G	2	6.4	1.2			😐	
	ZDGT20A508R-K85	G	2	0.8	1.2				😐
	ZDGT20A516R-K85	G	2	1.6	1.2				😐
	ZDGT20A520R-K85	G	2	2	1.2				😐
	ZDGT20A530R-K85	G	2	3	1.2				😐
	ZDGT20A540R-K85	G	2	4	1.2				😐
	ZDGT20A550R-K85	G	2	5	1.2				😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

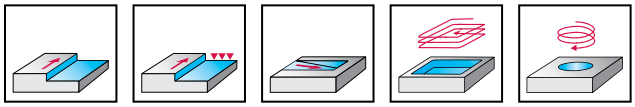
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

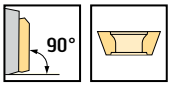
Ramping milling cutters

M2131 inch



– For pocket machining
– 2 cutting edges per indexable insert

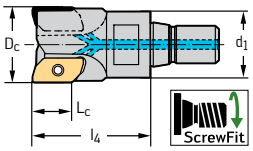




	P	M	K	N	S	H	O
M2131				●●			●

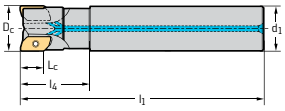
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M2131,026-T22-02-15	1.000	0.866	1.752		0.591	2	0.026	2	ZD .. 15 . 4 ..
M2131,031-T28-02-15	1.250	1.102	2.000		0.591	2	0.511	2	
M2131,031-T28-03-15	1.250	1.102	2.000		0.591	3	0.465	3	
M2131,038-T36-03-15	1.500	1.417	2.000		0.591	3	0.825	3	



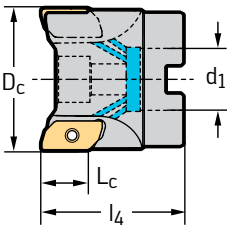
ScrewFit

M2131,026-A26-02-15-L	1.000	1.000	1.500	6.000	0.591	2	1.188	2	ZD .. 15 . 4 ..
M2131,031-A26-02-15-L	1.250	1.000	1.500	7.000	0.591	2	1.475	2	
M2131,031-A26-03-15-L	1.250	1.000	1.500	7.000	0.591	3	1.411	3	
M2131,038-A31-03-15-L	1.500	1.250	2.252	7.000	0.591	3	2.355	3	



Cylindrical shank

M2131,051-B19-03-20	2.000	0.750	2.000		0.787	3	0.884	3	ZD .. 20 . 5 ..
M2131,051-B19-04-15	2.000	0.750	2.000		0.591	4	0.904	4	ZD .. 15 . 4 ..
M2131,064-B26-04-20	2.500	1.000	2.000		0.787	4	1.08	4	ZD .. 20 . 5 ..
M2131,064-B26-05-15	2.500	1.000	2.000		0.591	5	1.168	5	ZD .. 15 . 4 ..
M2131,076-B26-05-15	3.000	1.000	2.000		0.591	5	2.072	5	
M2131,076-B26-05-20	3.000	1.000	2.000		0.787	5	1.784	5	ZD .. 20 . 5 ..



Shell mill mount DIN 138 transverse keyway

For information on high-speed applications, see "Technical information/Information on high-speed applications" | Pre-balanced tools | Bodies and assembly parts are included in the scope of delivery

D 2

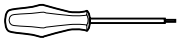
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

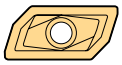
Assembly parts

	Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
	Clamping screw for indexable insert Tightening torque	FS1222 (T15IP) 2.581 lbs	FS2281 (T20IP) 3.688 lbs
	Clamping screw for arbor-mounted tools	FS1338	FS1338

Accessories

	Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	N HC HC WNN15	N HC HC WXN15	N HW WK10	N HW WMG40
	ZDGT150404R-K85	G	2	0.016	0.047	☺	☺	😐	
	ZDGT150408R-K85	G	2	0.031	0.047	☺	☺	😐	
	ZDGT150412R-K85	G	2	0.047	0.047	☺	☺	😐	
	ZDGT150416R-K85	G	2	0.063	0.047	☺	☺	😐	
	ZDGT150420R-K85	G	2	0.079	0.047	☺	☺	😐	
	ZDGT150430R-K85	G	2	0.118	0.047	☺	☺	😐	
	ZDGT150440R-K85	G	2	0.157	0.047	☺	☺	😐	
	ZDGT15A404R-K85	G	2	0.016	0.047				😐
	ZDGT15A408R-K85	G	2	0.031	0.047				😐
	ZDGT15A412R-K85	G	2	0.047	0.047				😐
	ZDGT15A416R-K85	G	2	0.063	0.047				😐
	ZDGT15A420R-K85	G	2	0.079	0.047				😐
	ZDGT15A430R-K85	G	2	0.118	0.047				😐
	ZDGT15A440R-K85	G	2	0.157	0.047				😐
	ZDGT200508R-K85	G	2	0.031	0.047	☺		😐	
	ZDGT200512R-K85	G	2	0.047	0.047			😐	
	ZDGT200516R-K85	G	2	0.063	0.047			😐	
	ZDGT200520R-K85	G	2	0.079	0.047	☺		😐	
	ZDGT200530R-K85	G	2	0.118	0.047	☺		😐	
	ZDGT200540R-K85	G	2	0.157	0.047	☺		😐	
	ZDGT200550R-K85	G	2	0.197	0.047			😐	
	ZDGT200560R-K85	G	2	0.236	0.047			😐	
	ZDGT200564R-K85	G	2	0.252	0.047			😐	
	ZDGT20A508R-K85	G	2	0.031	0.047				😐
	ZDGT20A516R-K85	G	2	0.063	0.047				😐
	ZDGT20A520R-K85	G	2	0.079	0.047				😐
	ZDGT20A530R-K85	G	2	0.118	0.047				😐
	ZDGT20A540R-K85	G	2	0.157	0.047				😐
	ZDGT20A550R-K85	G	2	0.197	0.047				😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

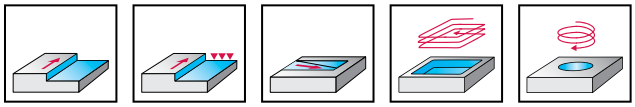
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😞

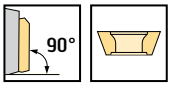
Ramping milling cutters

M2331 mm



– For pocket machining
– 2 cutting edges per indexable insert

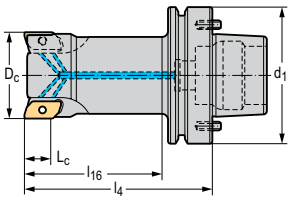


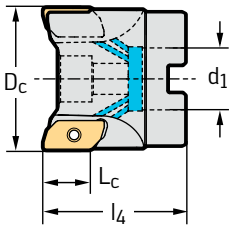


	P	M	K	N	S	H	O
M2331				●●			●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
M2331-050-H80F-04-15-MA	50	80	110	80	15	4	1.89	4	ZD .. 15A4 ..
M2331-040-B16-03-15	40	16	50		15	3	0.22	3	ZD .. 15A4 ..
M2331-050-B22-03-20	50	22	60		20	3	0.42	3	ZD .. 20A5 ..
M2331-050-B22-04-15	50	22	50		15	4	0.42	4	ZD .. 15A4 ..





Shell mill mount DIN 138 transverse keyway

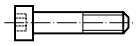
Pre-balanced tools | For information on high-speed applications, see "Technical information/Information on high-speed applications" | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2331-...-MA special interface for Makino (similar to HSK-A DIN 69893) | Bodies and assembly parts are included in the scope of delivery

D 2

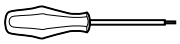
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

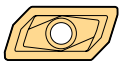
Assembly parts

	Type	ZD .. 15A4 ..	ZD .. 20A5 ..
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm	FS2281 (T20IP) 5 Nm
	Clamping screw for arbor-mounted tools	M08X040 ISO4762 12.9 (SW 6)	M10X040 ISO4762 12.9 (SW 8)

Accessories

	Type	ZD .. 15A4 ..	ZD .. 20A5 ..
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	N HW WMG40
	ZDGT15A404R-K85	G	2	0.4	1.2	
	ZDGT15A408R-K85	G	2	0.8	1.2	
	ZDGT15A412R-K85	G	2	1.2	1.2	
	ZDGT15A416R-K85	G	2	1.6	1.2	
	ZDGT15A420R-K85	G	2	2	1.2	
	ZDGT15A430R-K85	G	2	3	1.2	
	ZDGT15A440R-K85	G	2	4	1.2	
	ZDGT20A508R-K85	G	2	0.8	1.2	
	ZDGT20A516R-K85	G	2	1.6	1.2	
	ZDGT20A520R-K85	G	2	2	1.2	
	ZDGT20A530R-K85	G	2	3	1.2	
	ZDGT20A540R-K85	G	2	4	1.2	
	ZDGT20A550R-K85	G	2	5	1.2	

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

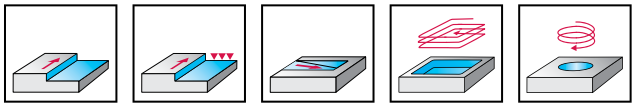
☻ 😐 ☹ / ★ = New addition to the product range

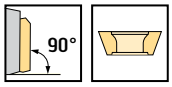
Ramping milling cutters

M2331 inch



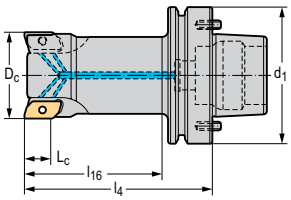
– For pocket machining
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M2331				●●			●

Tool



Designation	D_c inch	d_1 inch	l_4 inch	l_{16} inch	L_c inch	Z	lbs	No. of inserts	Type
M2331,051-H80F-03-20-MA	2.000	3.150	4.331	3.150	0.787	3	4.151	3	ZD .. 20A5 ..
M2331,051-H80F-04-15-MA	2.000	3.150	4.331	3.150	0.591	4	4.226	4	ZD .. 15A4 ..

Pre-balanced tools | For information on high-speed applications, see "Technical information/Information on high-speed applications" | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2331-...-MA special interface for Makino (similar to HSK-A DIN 69893) | Bodies and assembly parts are included in the scope of delivery

D 2

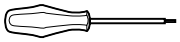
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

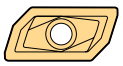
Assembly parts

	Type	ZD .. 15A4 ..	ZD .. 20A5 ..
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2.581 lbs	FS2281 (T20IP) 3.688 lbs

Accessories

	Type	ZD .. 15A4 ..	ZD .. 20A5 ..
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	N HW WMG40
	ZDGT20A508R-K85	G	2	0.031	0.047	☺
	ZDGT20A516R-K85	G	2	0.063	0.047	☺
	ZDGT20A520R-K85	G	2	0.079	0.047	☺
	ZDGT20A530R-K85	G	2	0.118	0.047	☺
	ZDGT20A540R-K85	G	2	0.157	0.047	☺
	ZDGT20A550R-K85	G	2	0.197	0.047	☺
	ZDGT15A404R-K85	G	2	0.016	0.047	☺
	ZDGT15A408R-K85	G	2	0.031	0.047	☺
	ZDGT15A412R-K85	G	2	0.047	0.047	☺
	ZDGT15A416R-K85	G	2	0.063	0.047	☺
	ZDGT15A420R-K85	G	2	0.079	0.047	☺
	ZDGT15A430R-K85	G	2	0.118	0.047	☺
	ZDGT15A440R-K85	G	2	0.157	0.047	☺

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

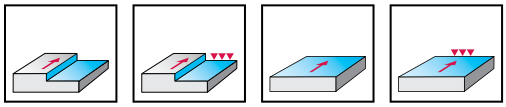
☺ 😐 ☹ / ★ = New addition to the product range

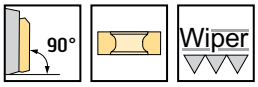
Close pitch cutter
M2136 mm
SNEF120408R; SNEX1204PN ..





– 8 cutting edges per indexable insert
– Axial repositioning not possible

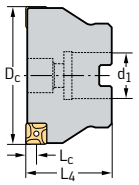




	P	M	K	N	S	H	O
M2136			●●				

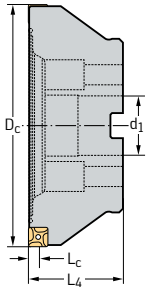
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M2136-050-B22-06-06	50	22	50	6.5	6	0.56	6	SNEF120408R SNEX1204PN ..
M2136-063-B22-08-06	63	22	50	6.5	8	0.76	8	
M2136-080-B27-12-06	80	27	50	6.5	12	1.23	12	
M2136-100-B32-16-06	100	32	50	6.5	16	1.79	16	
M2136-125-B40-20-06	125	40	63	6.5	20	3.42	20	



Shell mill mount DIN 138 transverse keyway

M2136-160-B40-24-06	160	40	63	6.5	24	6.05	24	SNEF120408R SNEX1204PN ..



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

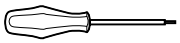
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

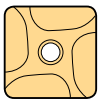
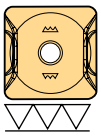
Assembly parts

	D_c [mm]	50–160
	Clamping wedge	FK377
	Clamping screw for clamping wedge Tightening torque	FS2185 (T10IP) 4 Nm

Accessories

	D_c [mm]	50–160
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	H HC WHH15X
	SNEF120408R-B67	E	8	0.8	2.1	☹			😐	😐	☹	
	SNEX1204PNN-A27	E	4	1.2	10.3		☺	☺				☺
	SNEX1204PNR-B67	E	4	0.8	10.8		☺	☺				☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

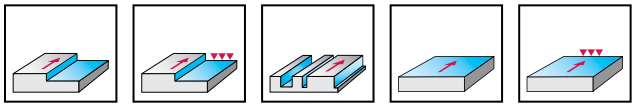
F5041 mm

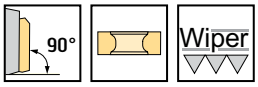
LNH . 0904 .. R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5041	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F5041.T22,025.Z03,08	25	22	35		8	3	0.11	3	LNH . 0904 .. R
F5041.T22,025.Z04,08	25	22	35		8	4	0.11	4	
F5041.T28,032.Z04,08	32	28	40		8	4	0.22	4	
F5041.T28,032.Z05,08	32	28	40		8	5	0.22	5	
DIN 1835 B									
F5041.W25,025.Z03,08	25	25	43	100	8	3	0.34	3	LNH . 0904 .. R
F5041.W25,025.Z04,08	25	25	43	100	8	4	0.34	4	
F5041.W32,032.Z04,08	32	32	49	110	8	4	0.61	4	
F5041.W32,032.Z05,08	32	32	49	110	8	5	0.61	5	
Cylindrical shank									
F5041.Z25,025.Z03,08	25	25	38	200	8	3	0.74	3	LNH . 0904 .. R
F5041.Z25,025.Z04,08	25	25	38	200	8	4	0.7	4	
F5041.Z32,032.Z04,08	32	32	39	250	8	4	1.49	4	
F5041.Z32,032.Z05,08	32	32	39	250	8	5	1.5	5	
Shell mill mount DIN 138 transverse keyway									
F5041.B16,040.Z04,08	40	16	40		8	4	0.36	4	LNH . 0904 .. R
F5041.B16,040.Z06,08	40	16	40		8	6	0.36	6	
F5041.B22,050.Z05,08	50	22	40		8	5	0.49	5	
F5041.B22,050.Z07,08	50	22	40		8	7	0.5	7	
F5041.B22,063.Z07,08	63	22	40		8	7	0.75	7	
F5041.B22,063.Z10,08	63	22	40		8	10	0.75	10	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D 2

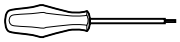
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

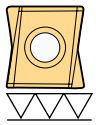
Assembly parts

	D_c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	25	32	40–63
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU090404R-L55T	H	4	0.4	1.5		☺	😐	😐		☹		😐		☹	☺		😐	😐	☹	☹				😐		☹	
	LNHU090408R-L55T	H	4	0.8	1.1		☺	😐	😐		☹		😐		☹			😐	😐	☹	☹				😐		☹	
	LNHU090412R-L55T	H	4	1.2	0.8			😐	😐		☹		😐		☹					☹	☹				😐		☹	
	LNHU090416R-L55T	H	4	1.6				😐	😐		☹		😐		☹					☹	☹				😐		☹	
	LNHU090420R-L55T	H	4	2				😐	😐		☹		😐		☹					☹	☹				😐		☹	
	LNHU090404R-L65T	H	4	0.4	1.5						☹				☹												☹	
	LNHU090404R-L85T	H	4	0.4	1.5																	☺	😐				
	LNMU090404R-L55T	M	4	0.4	1.5		☺	😐	😐		☹			☹	☹			😐	😐	☹	☹					☹	☹	
	LNHX0904PDR-L55T	H	2	0.4	3.5	☺				☹		☹				☺	☺					☹						☺

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .
Do not use the LNHX0904PDR-L55T wiper insert in tools D_C=25 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

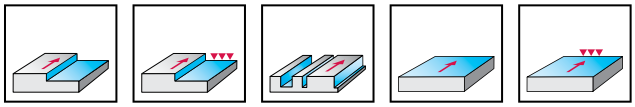
F5041 inch

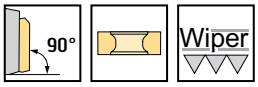
LNH . 0904 .. R

Walter BLAXX



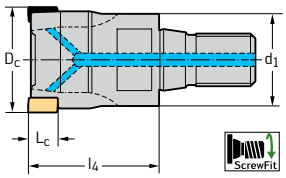
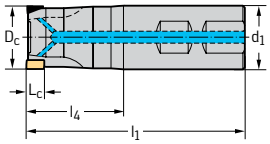
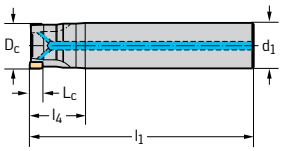
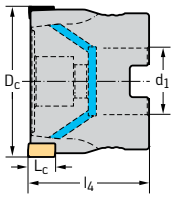
– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5041	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	★ F5041.UT22,026.Z02,08	1.000	0.866	1.378		0.315	2	0.243	2	LNH . 0904 .. R
 DIN 1835 B	F5041.UW26,026.Z03,08	1.000	1.000	1.719	4.000	0.315	3	0.785	3	LNH . 0904 .. R
	F5041.UW31,031.Z04,08	1.250	1.250	1.719	4.000	0.315	4	1.224	4	
 Cylindrical shank	F5041.UZ26,026.Z03,08	1.000	1.000	1.97	8.000	0.315	3	1.64	3	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F5041.UB19,051.Z05,08	2.000	0.750	1.575		0.315	5	1.371	5	LNH . 0904 .. R

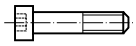
constructively balanced | Screwdriver included in the scope of delivery | Bodies and assembly parts are included in the scope of delivery

D 2

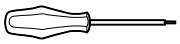
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

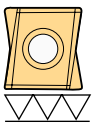
Assembly parts

	D_c [inch]	1–1.25	2
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1.475 lbs	FS1457 (T9IP) 1.475 lbs
	Clamping screw for arbor-mounted tools		FS1518

Accessories

	D_c [inch]	1–2
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU090404R-L55T	H	4	0.016	0.059		☺	☺	☺		☹		☺		☹	☺		☺	☺	☹	☹				☺		☹	
	LNHU090408R-L55T	H	4	0.031	0.043		☺	☺	☺		☹		☺		☹			☺	☺	☹	☹				☺		☹	
	LNHU090412R-L55T	H	4	0.047	0.031			☺	☺		☹		☺		☹					☹	☹				☺		☹	
	LNHU090416R-L55T	H	4	0.063				☺	☺		☹		☺		☹					☹	☹				☺		☹	
	LNHU090420R-L55T	H	4	0.079				☺	☺		☹		☺		☹					☹	☹				☺		☹	
	LNHU090404R-L65T	H	4	0.016	0.059						☹				☹												☹	
	LNHU090404R-L85T	H	4	0.016	0.059																		☺	☺				
	LNMU090404R-L55T	M	4	0.016	0.059		☺	☺	☺		☹			☹	☹			☺	☺	☹	☹					☹	☹	
	LNHX0904PDR-L55T	H	2	0.016	0.138	☺				☹		☹				☺	☺					☹						☺

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .
Do not use the LNHX0904PDR-L55T wiper insert in tools D_C=25 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

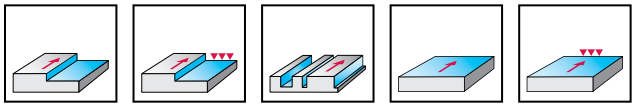
F5141 mm

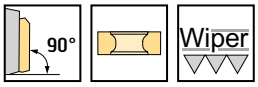
LNH . 1306 .. R

Walter BLAXX



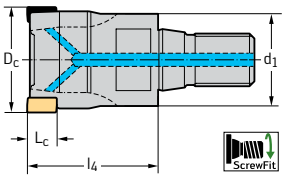
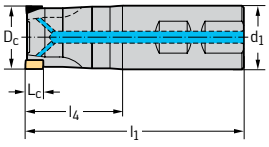
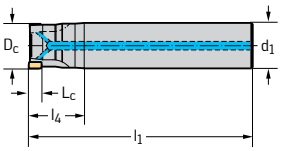
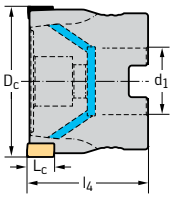
– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	F5141.T36,040.Z05,12	40	36	40		12	5	0.36	5	LNH . 1306 .. R
	F5141.T45,050.Z06,12	50	45	40		12	6	0.51	6	
 DIN 1835 B	F5141.W32,040.Z03,12	40	32	49	110	12	3	0.69	3	LNH . 1306 .. R
	F5141.W32,040.Z05,12	40	32	49	110	12	5	0.74	5	
 Cylindrical shank	F5141.Z32,040.Z03,12	40	32	44	250	12	3	1.57	3	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F5141.B16,040.Z04,12	40	16	40		12	4	0.2	4	LNH . 1306 .. R
	F5141.B16,040.Z05,12	40	16	40		12	5	0.22	5	
	F5141.B22,050.Z05,12	50	22	40		12	5	0.32	5	
	F5141.B22,050.Z06,12	50	22	40		12	6	0.45	6	
	F5141.B22,063.Z06,12	63	22	40		12	6	0.56	6	
	F5141.B22,063.Z08,12	63	22	40		12	8	0.79	8	
	F5141.B27,080.Z07,12	80	27	50		12	7	1.29	7	
	F5141.B27,080.Z10,12	80	27	50		12	10	1.27	10	
	F5141.B32,100.Z09,12	100	32	50		12	9	2.7	9	
	F5141.B32,100.Z13,12	100	32	50		12	13	2.02	13	
	F5141.B40,125.Z11,12	125	40	63		12	11	3.48	11	
	F5141.B40,125.Z16,12	125	40	63		12	16	4.35	16	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D 2

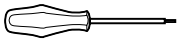
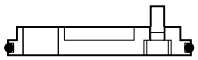
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

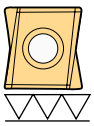
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	40	50	63–125	160
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)				FS936 SET KOMPLETT
	Torque wrench				O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU130608R-L55T	H	4	0.8	2.2		☻	☻	☻		☻			☻			☻		☻		☻	☻	☻	☻				☻			☻	
	LNHU130612R-L55T	H	4	1.2	1.9			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130616R-L55T	H	4	1.6	1.5			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130620R-L55T	H	4	2	1.2			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130625R-L55T	H	4	2.5	0.7			☻	☻		☻			☻	☻		☻						☻	☻					☻	☻		☻	
	LNHU130630R-L55T	H	4	3	2.3			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130632R-L55T	H	4	3.2				☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130608R-L65T	H	4	0.8	2.2						☻						☻															☻	
	LNHU130608R-L85T	H	4	0.8	2.2																						☻	☻					
	LNMU130608R-L55T	M	4	0.8	2.2		☻	☻	☻		☻					☻	☻				☻	☻	☻	☻							☻	☻	
	LNHX130608R-L55T	H	4	0.8	2.2	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻
	LNHX1306PDR-L55T	H	2	0.6	5	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

F5141 mm

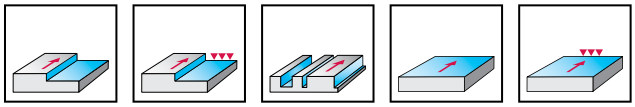
LNH . 1306 .. R

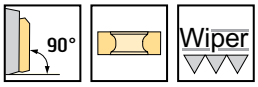
Walter BLAXX





– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

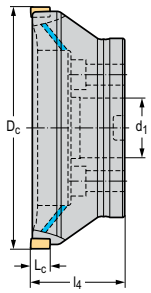




	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
F5141.B40,160.Z13,12	160	40	63		12	13	5.38	13	LNH . 1306 .. R



Shell mill mount DIN 138 transverse keyway

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

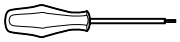
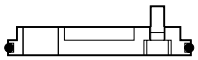
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

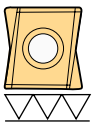
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	40	50	63–125	160
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set (incl. gasket + screws)				FS936 SET KOMPLETT
	Torque wrench				O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU130608R-L55T	H	4	0.8	2.2		☻	☻	☻		☻			☻			☻		☻		☻	☻	☻	☻				☻			☻	
	LNHU130612R-L55T	H	4	1.2	1.9			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130616R-L55T	H	4	1.6	1.5			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130620R-L55T	H	4	2	1.2			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130625R-L55T	H	4	2.5	0.7			☻	☻		☻			☻	☻		☻						☻	☻					☻	☻		☻	
	LNHU130630R-L55T	H	4	3	2.3			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130632R-L55T	H	4	3.2				☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130608R-L65T	H	4	0.8	2.2						☻						☻															☻	
	LNHU130608R-L85T	H	4	0.8	2.2																						☻	☻					
	LNMU130608R-L55T	M	4	0.8	2.2		☻	☻	☻		☻					☻	☻				☻	☻	☻	☻							☻	☻	
	LNHX130608R-L55T	H	4	0.8	2.2	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻
	LNHX1306PDR-L55T	H	2	0.6	5	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

F5141 inch

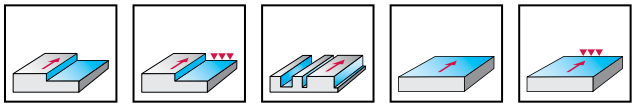
LNH . 1306 .. R

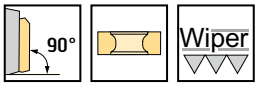
Walter BLAXX





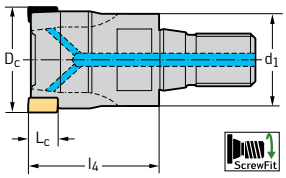
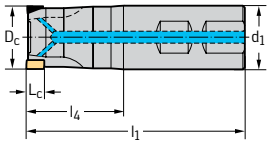
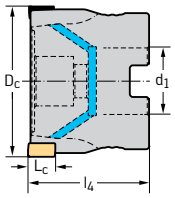
– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F5141.UT36,038.Z04,12	1.500	1.417	1.575		0.472	4	0.750	4	LNH . 1306 .. R
 DIN 1835 B	F5141.UW38,038.Z04,12	1.500	1.500	1.812	4.500	0.472	4	1.989	4	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F5141.UB19,051.Z05,12	2.000	0.750	1.575		0.472	5	1.146	5	LNH . 1306 .. R
	F5141.UB26,064.Z06,12	2.500	1.000	1.575		0.472	6	1.799	6	
★	F5141.UB26,076.Z05,12	3.000	1.000	1.969		0.472	5	2.412	5	
	F5141.UB26,076.Z07,12	3.000	1.000	1.969		0.472	7	2.89	7	
	F5141.UB31,102.Z09,12	4.000	1.250	1.969		0.472	9	5.860	9	
★	F5141.UB38,102.Z06,12	4.000	1.500	2.480		0.472	6	5.703	6	
	F5141.UB38,102.Z09,12	4.000	1.500	2.480		0.472	9	5.653	9	
★	F5141.UB38,127.Z07,12	5.000	1.500	2.480		0.472	7	8.331	7	
	F5141.UB38,127.Z11,12	5.000	1.500	2.480		0.472	11	10.132	11	
★	F5141.UB38,152.Z08,12	6.000	1.500	2.480		0.472	8	11.53	8	
	F5141.UB38,152.Z13,12	6.000	1.500	2.480		0.472	13	13.316	13	

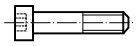
Screwdriver included in the scope of delivery | Bodies and assembly parts are included in the scope of delivery

D 2

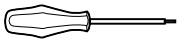
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

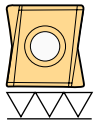
Assembly parts

	D_c [inch]	1.5	2	2.5	3	4	5–6
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1586	FS1519	FS1339	FS1583

Accessories

	D_c [inch]	1.5	2–6
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU130608R-L55T	H	4	0.031	0.087		☻	☻	☻		☻			☻			☻		☻		☻	☻	☻	☻					☻			☻	
	LNHU130612R-L55T	H	4	0.047	0.073			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130616R-L55T	H	4	0.063	0.059			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130620R-L55T	H	4	0.079	0.045			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130625R-L55T	H	4	0.098	0.028			☻	☻		☻			☻	☻		☻						☻	☻					☻	☻		☻	
	LNHU130630R-L55T	H	4	0.118	0.091			☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130632R-L55T	H	4	0.126				☻	☻		☻			☻			☻						☻	☻					☻			☻	
	LNHU130608R-L65T	H	4	0.031	0.087						☻						☻															☻	
	LNHU130608R-L85T	H	4	0.031	0.087																						☻	☻					
	LNMU130608R-L55T	M	4	0.031	0.087		☻	☻	☻		☻					☻	☻				☻	☻	☻	☻							☻	☻	
	LNHX130608R-L55T	H	4	0.031	0.087	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻
	LNHX1306PDR-L55T	H	2	0.024	0.197	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

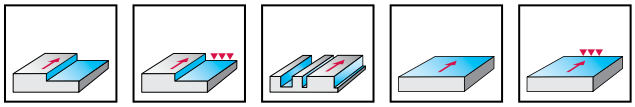
F5241 mm

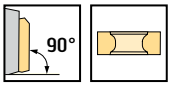
LNHU1607 .. R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

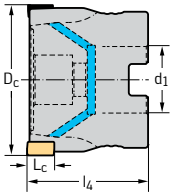




	P	M	K	N	S	H	O
F5241	●●	●●	●●	●●	●●	●	●

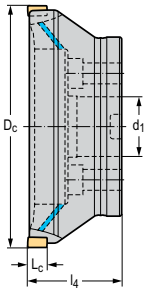
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F5241.B22,050.Z05,15	50	22	40	15	5	0.3	5	LNHU1607 .. R
F5241.B22,063.Z06,15	63	22	40	15	6	0.7	6	
F5241.B27,080.Z07,15	80	27	50	15	7	1.27	7	
F5241.B32,100.Z08,15	100	32	50	15	8	2.5	8	
F5241.B40,125.Z10,15	125	40	63	15	10	3.33	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F5241.B40,160.Z12,15	160	40	63	15	12	4.94	12	LNHU1607 .. R



Shell mill mount DIN 138 transverse keyway

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D 2

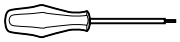
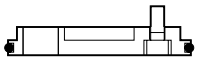
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

Assembly parts

	D_c [mm]	50	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS2112 (T20IP) 5 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC				M HC		K HC				S HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	LNHU160708R-L55T	H	4	0.8	2.3	☻	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	LNHU160712R-L55T	H	4	1.2	1.9				😐		😐						😐
	LNHU160716R-L55T	H	4	1.6	1.6				😐		😐						😐

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = 😐

☻ 😐 😐 / ★ = New addition to the product range

Shoulder milling cutters

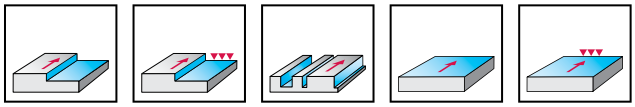
F4041 mm

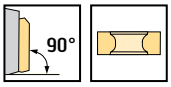
LNGX1307 .. R

Xtra·tec®



– 4 cutting edges per indexable insert

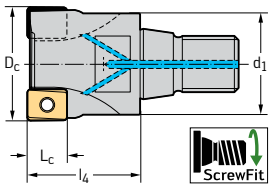




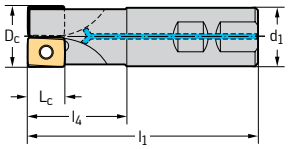
	P	M	K	N	S	H	O
F4041	●●	●●	●●	●●	●●	●	●

Tool

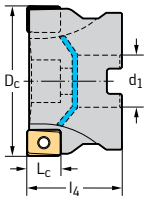
Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
F4041.T36,040.Z03,13	40	36	40		13	3	0.33	3	LNGX1307 .. R
F4041.W32,040.Z03,13	40	32	49	110	13	3	0.68	3	LNGX1307 .. R
F4041.B16,040.Z03,13	40	16	40		13	3	0.31	3	LNGX1307 .. R
F4041.B22,050.Z03,13	50	22	40		13	3	0.35	3	
F4041.B22,050.Z04,13	50	22	40		13	4	0.31	4	
F4041.B22,063.Z04,13	63	22	40		13	4	0.76	4	
F4041.B22,063.Z06,13	63	22	40		13	6	0.76	6	
F4041.B27,063.Z06,13	63	27	50		13	6	0.88	6	
F4041.B27,080.Z05,13	80	27	50		13	5	1.22	5	
F4041.B27,080.Z07,13	80	27	50		13	7	1.24	7	
F4041.B32,100.Z05,13	100	32	50		13	5	2.66	5	
F4041.B32,100.Z08,13	100	32	50		13	8	2.57	8	
F4041.B40,125.Z07,13	125	40	63		13	7	4.17	7	
F4041.B40,125.Z10,13	125	40	63		13	10	4.22	10	



ScrewFit



DIN 1835 B



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

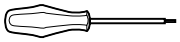
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

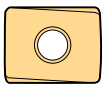
Assembly parts

	D_c [mm]	40–125
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2.5 Nm

Accessories

	D_c [mm]	40	50–125
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	LNGX130708R-L55	G	4	0.8	1.2	☺	😐	😐	☹	😐	☹	☺	😐	😐	☹	☹			😐	☹
	LNGX130712R-L55	G	4	1.2	1	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	LNGX130716R-L55	G	4	1.6	0.9	☺	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130720R-L55	G	4	2	0.7	☺	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130725R-L55	G	4	2.5	0.6	☺	😐							😐	☹					
	LNGX130730R-L55	G	4	3	0.7	☺	😐	😐						😐	☹	☹				
	LNGX130708R-L88	G	4	0.8	1.2												☺	😐		

If the corner radius r = 1.2 mm or above, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

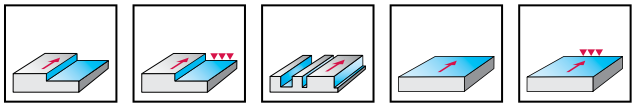
F4041 inch

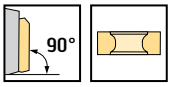
LNGX1307 .. R

Xtra·tec®



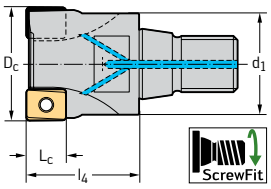
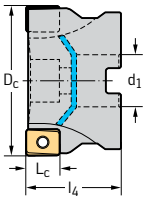
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4041	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4041.UT36,038.Z03,13	1.500	1.417	1.575	0.512	3	0.701	3	LNGX1307 .. R
 Shell mill mount DIN 138 transverse keyway	F4041.UB19,051.Z04,13	2.000	0.750	1.575	0.512	4	1.175	4	LNGX1307 .. R
	F4041.UB26,064.Z06,13	2.500	1.000	1.575	0.512	6	1.279	6	
	F4041.UB26,076.Z07,13	3.000	1.000	1.969	0.512	7	2.476	7	
	F4041.UB38,102.Z08,13	4.000	1.500	2.48	0.512	8	5.467	8	

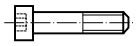
Bodies and assembly parts are included in the scope of delivery

D 2

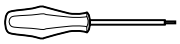
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

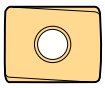
Assembly parts

	D_c [inch]	1.5	2	2.5	3	4
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 1.844 lbs	FS1458 (T15IP) 1.844 lbs	FS1458 (T15IP) 1.844 lbs	FS1458 (T15IP) 1.844 lbs	FS1458 (T15IP) 1.844 lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1586	FS1519	FS1583

Accessories

	D_c [inch]	1.5	2–4
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	LNGX130708R-L55	G	4	0.031	0.047	☺	😐	😐	☹	😐	☹	☺	😐	😐	☹	☹			😐	☹
	LNGX130712R-L55	G	4	0.047	0.039	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	LNGX130716R-L55	G	4	0.063	0.035	☺	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130720R-L55	G	4	0.079	0.028	☺	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130725R-L55	G	4	0.098	0.024	☺	😐							😐	☹					
	LNGX130730R-L55	G	4	0.118	0.028	☺	😐	😐						😐	☹	☹				
	LNGX130708R-L88	G	4	0.031	0.047												☺	😐		

If the corner radius r = 1.2 mm or above, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

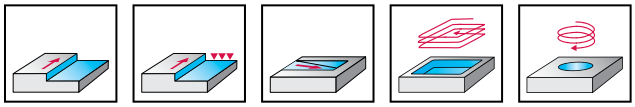
F4042R mm

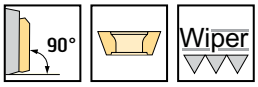
AD .. 10T3 .. R

Xtra·tec®



– 2 cutting edges per indexable insert
– Reinforced design





	P	M	K	N	S	H	O
F4042R	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F4042R.T14,016.Z02,10	16	14.5	25		10	2	0.04	2	AD .. 10T3 .. R
F4042R.T18,020.Z03,10	20	18.5	30		10	3	0.06	3	
F4042R.T22,025.Z03,10	25	22	35		10	3	0.11	3	
F4042R.T28,032.Z04,10	32	28	35		10	4	0.18	4	
F4042R.T28,032.Z05,10	32	28	35		10	5	0.19	5	
DIN 1835 B									
F4042R.W16,016.Z02,10	16	16	26	85	10	2	0.11	2	AD .. 10T3 .. R
F4042R.W20,020.Z02,10	20	20	30	90	10	2	0.2	2	
F4042R.W20,020.Z03,10	20	20	30	90	10	3	0.18	3	
F4042R.W25,025.Z03,10	25	25	30	100	10	3	0.34	3	
F4042R.W25,025.Z04,10	25	25	30	100	10	4	0.35	4	
F4042R.W32,032.Z04,10	32	32	30	110	10	4	0.62	4	
F4042R.W32,032.Z05,10	32	32	30	110	10	5	0.62	5	
Cylindrical shank									
F4042R.Z16,016.Z02,10	16	16	26	180	10	2	0.25	2	AD .. 10T3 .. R
F4042R.Z20,020.Z02,10	20	20	30	200	10	2	0.46	2	
F4042R.Z20,020.Z03,10	20	20	30	200	10	3	0.46	3	
F4042R.Z25,025.Z03,10	25	25	32	200	10	3	0.74	3	
F4042R.Z32,032.Z03,10	32	32	40	200	10	3	1.18	3	
F4042R.Z32,032.Z04,10	32	32	40	200	10	4	1.18	4	
Shell mill mount DIN 138 transverse keyway									
F4042R.B16,040.Z05,10	40	16	40		10	5	0.34	5	AD .. 10T3 .. R
F4042R.B16,040.Z06,10	40	16	40		10	6	0.24	6	
F4042R.B22,050.Z05,10	50	22	40		10	5	0.38	5	
F4042R.B22,050.Z06,10	50	22	40		10	6	0.36	6	
F4042R.B22,050.Z07,10	50	22	40		10	7	0.4	7	
F4042R.B22,063.Z06,10	63	22	40		10	6	0.65	6	
F4042R.B22,063.Z07,10	63	22	40		10	7	0.07	7	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D 2

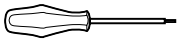
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

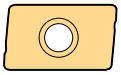
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	16	20	25	32	40–63
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADGT10T330R-D67	G	2	3	0.8				●				●											●
	ADGT10T3PER-D67	G	2	0.8	1.2		●	●	●	●	●		●				●	●			●	●		●
	ADGT10T3PER-G77	G	2	0.8	1.2				●	●	●		●								●	●		●
	ADHT10T3PER-G88	H	2	0.8	1.2														☺	●				
	ADKT10T3PER-F56	K	2	0.8	1.2			●	✕				✕					✕						✕
	ADMT10T304R-F56	M	2	0.4	1.2		●	●	✕	●	●		✕				✕	✕			●	●		✕
	ADMT10T308R-F56	M	2	0.8	1.2	☺	●	●	✕	●	●	✕	✕	●	●	●	✕	✕			●	●	✕	✕
	ADMT10T312R-F56	M	2	1.2	1.2		●	●	✕	●	●		✕				✕	✕			●	●		✕
	ADMT10T316R-F56	M	2	1.6	1.2		●	●	✕	●	●	✕	✕				✕	✕			●	●	✕	✕
	ADMT10T320R-F56	M	2	2	1		●	●	✕	●	●	✕	✕				✕	✕			●	●	✕	✕
	ADMT10T325R-F56	M	2	2.5	1		●		✕	●	●		✕				✕				●	●		✕
	ADMT10T330R-F56	M	2	3	0.8		●	●	✕	●	●		✕				✕	✕			●	●		✕
	ADMT10T332R-F56	M	2	3.2	0.8				✕	●	●	✕	✕								●	●	✕	✕
	ADMT10T308R-G56	M	2	0.8	1.2		☺		●	●	●		●				●				●	●		●

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
ADGX10T3PER-F56 wiper insert only in combination with ADGT10T3PER-D67 or ADGT10T3PER-G77

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ● → Moderate = ✕

☺ ● ✕ / ★ = New addition to the product range

Shoulder milling cutters

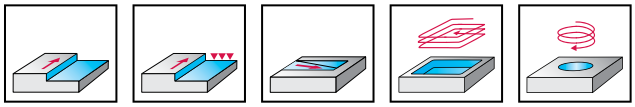
F4042R inch

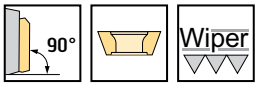
AD .. 10T3 .. R

Xtra·tec®



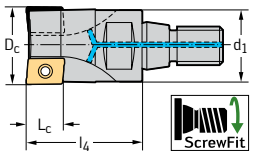
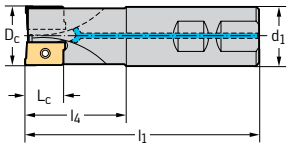
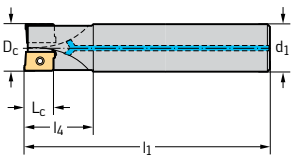
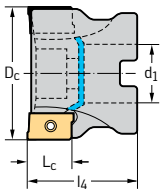
– 2 cutting edges per indexable insert
– Reinforced design





	P	M	K	N	S	H	O
F4042R	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4042R.UT18,019.Z03,10	0.750	0.728	1.181		0.394	3	0.13	3	AD .. 10T3 .. R
 DIN 1835 B	F4042R.UW15,015.Z02,10	0.625	0.625	1.024	2.929	0.394	2	0.022	2	AD .. 10T3 .. R
	F4042R.UW19,019.Z03,10	0.750	0.750	1.181	3.212	0.394	3	0.353	3	
	F4042R.UW26,026.Z03,10	1.000	1.000	1.181	3.462	0.394	3	0.675	3	
 Cylindrical shank	F4042R.UZ15,015.Z02,10	0.625	0.625	1.024	7.000	0.394	2	0.571	2	AD .. 10T3 .. R
	F4042R.UZ19,019.Z03,10	0.750	0.750	1.181	8.000	0.394	3	0.922	3	
 Shell mill mount DIN 138 transverse keyway	F4042R.UB19,051.Z05,10	2.000	0.750	1.575		0.394	5	0.926	5	AD .. 10T3 .. R

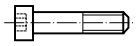
Bodies and assembly parts are included in the scope of delivery

D 2

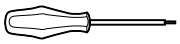
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

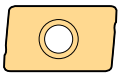
Assembly parts

	D_c [inch]	0.625–1	2
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0.885 lbs	FS1454 (T8IP) 0.885 lbs
	Clamping screw for arbor-mounted tools		FS1523

Accessories

	D_c [inch]	0.625–2	0.75
	Torque screwdriver, analog	FS2002	FS2002
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADGT10T330R-D67	G	2	0.118	0.031				☹				☹											☹
	ADGT10T3PER-D67	G	2	0.031	0.047		☺	☺	☺	☺	☺		☺				☺	☺			☺	☺		☺
	ADGT10T3PER-G77	G	2	0.031	0.047				☺	☺	☺		☺								☺	☺		☺
	ADHT10T3PER-G88	H	2	0.031	0.047														☻	☺				
	ADKT10T3PER-F56	K	2	0.031	0.047			☺	☹				☹					☹						☹
	ADMT10T304R-F56	M	2	0.016	0.047		☺	☺	☹	☺	☺		☹				☹	☹			☺	☺		☹
	ADMT10T308R-F56	M	2	0.031	0.047	☻	☺	☺	☹	☺	☺	☹	☹	☺	☺	☺	☹	☹			☺	☺	☹	☹
	ADMT10T312R-F56	M	2	0.047	0.047		☺	☺	☹	☺	☺		☹				☹	☹			☺	☺		☹
	ADMT10T316R-F56	M	2	0.063	0.047		☺	☺	☹	☺	☺	☹	☹				☹	☹			☺	☺	☹	☹
	ADMT10T320R-F56	M	2	0.079	0.039		☺	☺	☹	☺	☺	☹	☹				☹	☹			☺	☺	☹	☹
	ADMT10T325R-F56	M	2	0.098	0.039		☺		☹	☺	☺		☹				☹				☺	☺		☹
	ADMT10T330R-F56	M	2	0.118	0.031		☺	☺	☹	☺	☺		☹				☹	☹			☺	☺		☹
	ADMT10T332R-F56	M	2	0.126	0.031				☹	☺	☺	☹	☹								☺	☺	☹	☹
	ADMT10T308R-G56	M	2	0.031	0.047		☻		☺	☺	☺		☺				☺	☺			☺	☺		☺

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
ADGX10T3PER-F56 wiper insert only in combination with ADGT10T3PER-D67 or ADGT10T3PER-G77

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

☻ ☺ ☹ / ★ = New addition to the product range

Shoulder milling cutters

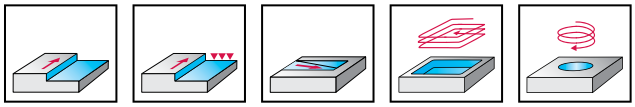
F4042 mm

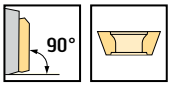
AD .. 1807 .. R

Xtra·tec®



– 2 cutting edges per indexable insert

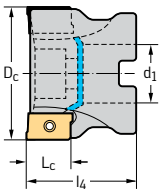




	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

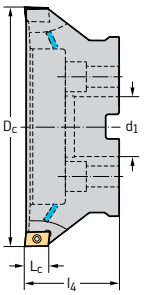
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4042.B27,063.Z05,16	63	27	50	16.7	5	0.78	5	AD .. 1807 .. R
F4042.B27,080.Z05,16	80	27	50	16.7	5	0.09	5	
F4042.B27,080.Z06,16	80	27	50	16.7	6	1.14	6	
F4042.B32,100.Z07,16	100	32	50	16.7	7	2.49	7	
F4042.B40,125.Z08,16	125	40	63	16.7	8	4.04	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4042.B40,160.Z10,16	160	40	63	16.7	10	4.99	10	AD .. 1807 .. R



Shell mill mount DIN 138 transverse keyway

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

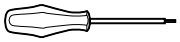
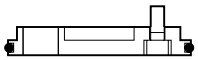
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

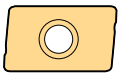
Assembly parts

	D_c [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Sealing disc set (incl. gasket + screws)		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	ADGT1807PER-D51	G	2	1.2	1.8		😐						😟		
	ADGT1807PER-D56	G	2	1.2	1.8		😐		☹	☹			😟		☹
	ADMT180712R-D56	M	2	1.2	1.8	☺	😐	😐	☹	☹	😐	😐	☹	☹	☹
	ADMT180712R-F56	M	2	1.2	1.8	☺	😐	😐	☹	☹	😐	😐	☹	☹	☹

HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

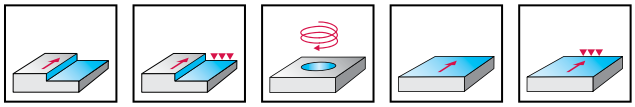
Shoulder milling cutters

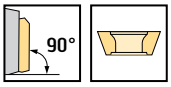
F2010 mm

AD .. 1204 .. R

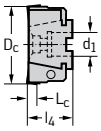
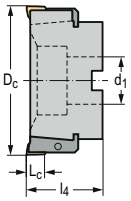
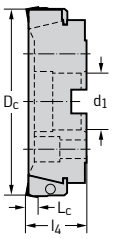
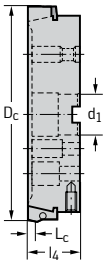


– Adjustable runout
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,11.R718M	80	27	50	11.7	6	1.28	6	AD .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,11.R718M	100	32	50	11.7	7	1.83	7	AD .. 1204 .. R
	F2010.B.125.Z08,11.R718M	125	40	63	11.7	8	3.58	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,11.R718M	160	40	63	11.7	10	5.65	10	AD .. 1204 .. R
	F2010.B.200.Z12,11.R718M	200	60	63	11.7	12	9.6	12	
	F2010.B.250.Z12,11.R718M	250	60	63	11.7	12	16	12	
	F2010.B.250.Z16,11.R718M	250	60	63	11.7	16	16.21	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,11.R718M	315	60	80	11.7	14	27.39	14	AD .. 1204 .. R
	F2010.B.315.Z18,11.R718M	315	60	80	11.7	18	26.2	18	

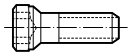
Bodies and assembly parts are included in the scope of delivery

D 2

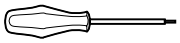
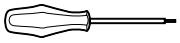
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

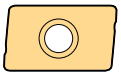
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR718M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4) / FS2013 (T9IP)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ADGT120404R-F56	G	2	0.4	1.2				☹			☹										☹
	ADGT120430R-F56	G	2	3	0.8				☹			☹										☹
	ADGT120440R-F56	G	2	4	0.4				☹			☹										☹
	ADGT1204PER-F56	G	2	0.8	1.2				☹	😐		☹								😐		☹
	ADGT120416R-D67	G	2	1.6	1				😐			😐										😐
	ADGT1204PER-D67	G	2	0.8	1.2			😐	😐	😐		😐					😐			😐		😐
	ADGT1204PER-D51	G	2	0.8	1.2	☺	😐	😐	☹			☹			😐	☹	☹					☹
	ADGT1204PER-D56	G	2	0.8	1.2	☺		😐	☹			☹			😐		☹					☹
	ADGT1204PER-G77	G	2	0.8	1.2				😐	😐		😐								😐		😐
	ADHT120416R-G88	H	2	1.6	1													☺				
	ADHT120440R-G88	H	2	4	0.4														😐			
	ADHT1204PER-G88	H	2	0.8	1.2													☺	😐			
	ADKT1204PER-F56	K	2	0.8	1.2	☺		😐	☹			☹	☺		😐		☹					☹
	ADMT120404R-F56	M	2	0.4	1.2		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120408R-F56	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹	☹	☺	😐	😐	☹	☹			😐	☹	☹
	ADMT120412R-F56	M	2	1.2	1.2		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120416R-F56	M	2	1.6	1		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120420R-F56	M	2	2	1		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120425R-F56	M	2	2.5	0.8		😐	😐	☹			☹				☹	☹					☹
	ADMT120430R-F56	M	2	3	0.8		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹
	ADMT120432R-F56	M	2	3.2	0.8		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120440R-F56	M	2	4	0.4		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹
	ADMT120408R-D56	M	2	0.8	1.2	☺	😐	😐	☹			☹	☺	😐	😐	☹	☹					☹
	ADMT120408R-G56	M	2	0.8	1.2		☺	☺	😐	😐		😐				😐	😐			😐		😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

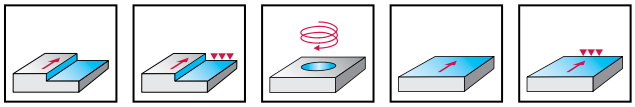
Shoulder milling cutters

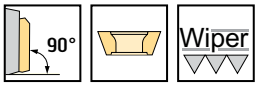
F2010 mm

AD .. 1606 .. R

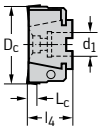
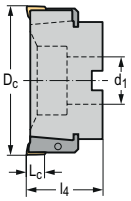
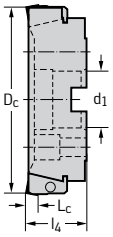
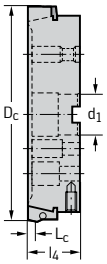


– Adjustable runout
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,15.R719M	80	27	50	15	6	1.22	6	AD .. 1606 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,15.R719M	100	32	50	15	7	1.77	7	AD .. 1606 .. R
	F2010.B.125.Z08,15.R719M	125	40	63	15	8	3.65	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,15.R719M	160	40	63	15	10	5.58	10	AD .. 1606 .. R
	F2010.B.200.Z12,15.R719M	200	60	63	15	12	9.6	12	
	F2010.B.250.Z12,15.R719M	250	60	63	15	12	16.1	12	
	F2010.B.250.Z16,15.R719M	250	60	63	15	16	16.07	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,15.R719M	315	60	80	15	14	27.4	14	AD .. 1606 .. R
	F2010.B.315.Z18,15.R719M	315	60	80	15	18	27.5	18	

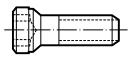
Bodies and assembly parts are included in the scope of delivery

D 2

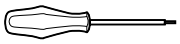
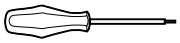
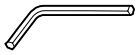
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

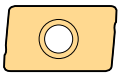
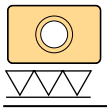
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR719M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4) / FS2014 (T15IP)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADGT160612R-F56	G	2	1.2	1.6				☹					☹													☹
	ADGT160616R-F56	G	2	1.6	1.4				☹					☹													☹
	ADGT160620R-F56	G	2	2	1.4				☹					☹													☹
	ADGT160632R-F56	G	2	3.2	1.2				☹					☹													☹
	ADGT160640R-F56	G	2	4	1				☹					☹													☹
	ADGT1606PER-F56	G	2	0.8	1.6				☹		😐			☹										😐			☹
	ADGT160616R-D67	G	2	1.6	1				😐					😐													😐
	ADGT1606PER-D67	G	2	0.8	1.6		😐	😐	😐		😐			😐					😐	😐				😐			😐
	ADGT1606PER-D51	G	2	0.8	1.6	☺	😐	😐	☹					☹				😐	☹	☹							☹
	ADGT1606PER-D56	G	2	0.8	1.6	☺	😐	😐	☹					☹			😐	😐	☹	☹							☹
	ADGT1606PER-G77	G	2	0.8	1.2				😐		😐	😐		😐										😐	😐		😐
	ADHT160616R-G88	H	2	1.6	1.4																	☺	😐				
	ADHT1606PER-G88	H	2	0.8	1.6																	☺	😐				
	ADKT1606PER-F56	K	2	0.8	1.6	☺		😐	☹					☹		☺		😐		☹							☹
	ADMT160608R-D56	M	2	0.8	1.6	☺	😐	😐	☹					☹		☺	😐	😐	☹	☹							☹
	ADMT160608R-F56	M	2	0.8	1.6	☺	😐	😐	☹		😐		☹	☹		☺	😐	😐	☹	☹				😐		☹	☹
	ADMT160612R-F56	M	2	1.2	1.6		😐	😐	☹		😐		☹	☹					☹	☹				😐		☹	☹
	ADMT160616R-F56	M	2	1.6	1.4		😐	😐	☹		😐		☹	☹					☹	☹				😐		☹	☹
	ADMT160620R-F56	M	2	2	1.4		😐	😐	☹		😐			☹					☹	☹				😐			☹
	ADMT160625R-F56	M	2	2.5	1.2		😐	😐	☹		😐			☹					☹	☹				😐			☹
	ADMT160630R-F56	M	2	3	1.2		😐	😐	☹		😐		☹	☹					☹	☹				😐		☹	☹
	ADMT160632R-F56	M	2	3.2	1.2		😐	😐	☹		😐			☹					☹	☹				😐			☹
	ADMT160640R-F56	M	2	4	1		😐	😐	☹		😐			☹					☹	☹				😐			☹
	ADMT160650R-F56	M	2	5			😐	😐	☹		😐			☹					☹	☹				😐			☹
	ADMT160660R-F56	M	2	6			😐	😐	☹		😐			☹					☹	☹				😐			☹
	ADMT160608R-G56	M	2	0.8	1.6		☺	☺	😐		😐			😐					😐	😐				😐			😐
	ADGX1606PER-F56	G	2	0.8	8					☹					☺						☹						

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm
ADGX1606PER-F56 wiper insert only in combination with ADGT1606PER-F56, ADGT1606PER-D67 or ADGT1606PER-G77

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

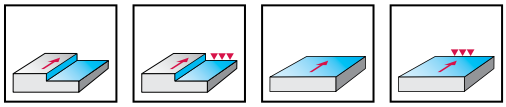
Shoulder milling cutters

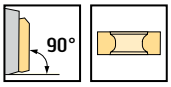
F2010 mm

LNGX1307 .. R

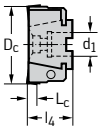
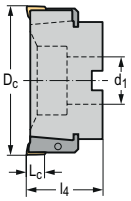
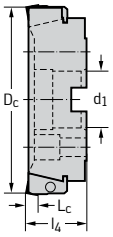
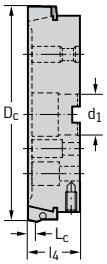


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,13.R722M	80	27	50	13	6	1.23	6	LNGX1307 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,13.R722M	100	32	50	13	7	1.76	7	LNGX1307 .. R
	F2010.B.125.Z08,13.R722M	125	40	63	13	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,13.R722M	160	40	63	13	10	5.59	10	LNGX1307 .. R
	F2010.B.200.Z12,13.R722M	200	60	63	13	12	9.66	12	
	F2010.B.250.Z12,13.R722M	250	60	63	13	12	16.08	12	
	F2010.B.250.Z16,13.R722M	250	60	63	13	16	15.85	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,13.R722M	315	60	80	13	14	28	14	LNGX1307 .. R
	F2010.B.315.Z18,13.R722M	315	60	80	13	18	26.21	18	

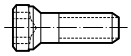
Bodies and assembly parts are included in the scope of delivery

D 2

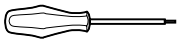
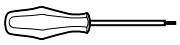
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

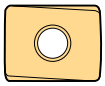
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR722M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	LNGX130708R-L55	G	4	0.8	1.2	☺	😐	😐	☹	😐	☹	☺	😐	😐	☹	☹			😐	☹
	LNGX130712R-L55	G	4	1.2	1	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	LNGX130716R-L55	G	4	1.6	0.9	☺	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130720R-L55	G	4	2	0.7	☺	😐	😐	☹		☹			😐	☹	☹				☹
	LNGX130725R-L55	G	4	2.5	0.6	☺	😐							😐	☹					
	LNGX130730R-L55	G	4	3	0.7	☺	😐	😐						😐	☹	☹				
	LNGX130708R-L88	G	4	0.8	1.2												☺	😐		

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

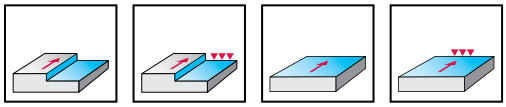
Shoulder milling cutters

F2010 mm

LNH . 0904 .. R

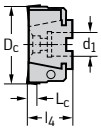
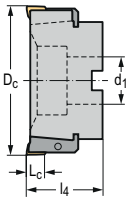
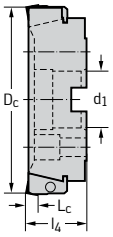
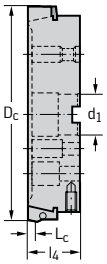


– Adjustable runout
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R751M	80	27	50	8	6	1.2	6	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R751M	100	32	50	8	7	1.8	7	LNH . 0904 .. R
	F2010.B.125.Z08,08.R751M	125	40	63	8	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R751M	160	40	63	8	10	5.65	10	LNH . 0904 .. R
	F2010.B.200.Z12,08.R751M	200	60	63	8	12	9.96	12	
	F2010.B.250.Z12,08.R751M	250	60	63	8	12	14.6	12	
	F2010.B.250.Z16,08.R751M	250	60	63	8	16	14.5	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R751M	315	60	80	8	14	26.3	14	LNH . 0904 .. R
	F2010.B.315.Z18,08.R751M	315	60	80	8	18	26.2	18	

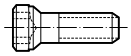
Bodies and assembly parts are included in the scope of delivery

D 2

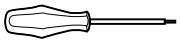
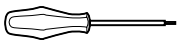
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

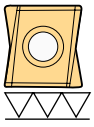
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR751M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU090404R-L55T	H	4	0.4	1.5		☻	☻	☻		☹		☻		☹	☻		☻	☻	☹	☹				☻		☹	
	LNHU090408R-L55T	H	4	0.8	1.1		☻	☻	☻		☹		☻		☹			☻	☻	☹	☹				☻		☹	
	LNHU090412R-L55T	H	4	1.2	0.8			☻	☻		☹		☻		☹					☹	☹				☻		☹	
	LNHU090416R-L55T	H	4	1.6				☻	☻		☹		☻		☹					☹	☹				☻		☹	
	LNHU090420R-L55T	H	4	2				☻	☻		☹		☻		☹					☹	☹				☻		☹	
	LNHU090404R-L65T	H	4	0.4	1.5						☹				☹												☹	
	LNHU090404R-L85T	H	4	0.4	1.5																	☻	☻				
	LNMU090404R-L55T	M	4	0.4	1.5		☻	☻	☻		☹			☹	☹			☻	☻	☹	☹					☹	☹	
	LNHX0904PDR-L55T	H	2	0.4	3.5	☻				☹		☹				☻	☻					☹						☻

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☹

☻ ☻ ☹ / ★ = New addition to the product range

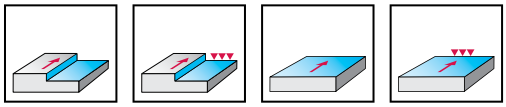
Shoulder milling cutters

F2010 mm

LNH . 1306 .. R

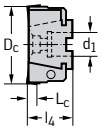
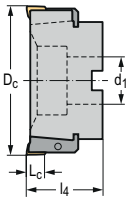
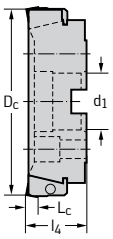
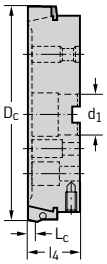


– Adjustable runout
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,12.R752M	80	27	50	12	6	1.22	6	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,12.R752M	100	32	50	12	7	1.8	7	LNH . 1306 .. R
	F2010.B.125.Z08,12.R752M	125	40	63	12	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,12.R752M	160	40	63	12	10	5.5	10	LNH . 1306 .. R
	F2010.B.200.Z12,12.R752M	200	60	63	12	12	9.86	12	
	F2010.B.250.Z12,12.R752M	250	60	63	12	12	16.4	12	
	F2010.B.250.Z16,12.R752M	250	60	63	12	16	14.5	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,12.R752M	315	60	80	12	14	26.3	14	LNH . 1306 .. R
	F2010.B.315.Z18,12.R752M	315	60	80	12	18	26.2	18	

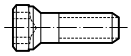
Bodies and assembly parts are included in the scope of delivery

D 2

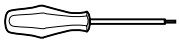
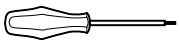
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

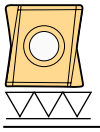
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR752M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU130608R-L55T	H	4	0.8	2.2		☻	☻	☻		☒			☻			☻		☻		☻	☻	☒	☒				☻			☻	
	LNHU130612R-L55T	H	4	1.2	1.9			☻	☻		☒			☻			☻						☒	☒					☻			☻	
	LNHU130616R-L55T	H	4	1.6	1.5			☻	☻		☒			☻			☻						☒	☒					☻			☻	
	LNHU130620R-L55T	H	4	2	1.2			☻	☻		☒			☻			☻						☒	☒					☻			☻	
	LNHU130625R-L55T	H	4	2.5	0.7			☻	☻		☒			☻	☻		☻						☒	☒					☻	☻		☻	
	LNHU130630R-L55T	H	4	3	2.3			☻	☻		☒			☻			☻						☒	☒					☻			☻	
	LNHU130632R-L55T	H	4	3.2				☻	☻		☒			☻			☻						☒	☒					☻			☻	
	LNHU130608R-L65T	H	4	0.8	2.2						☒						☒															☒	
	LNHU130608R-L85T	H	4	0.8	2.2																					☻	☻						
	LNMU130608R-L55T	M	4	0.8	2.2		☻	☻	☻		☒					☒	☒				☻	☻	☒	☒							☒	☒	
	LNHX130608R-L55T	H	4	0.8	2.2	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻
	LNHX1306PDR-L55T	H	2	0.6	5	☻				☻		☻	☻					☻	☻	☻					☻	☻							☻

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☒

☻ 😐 ☒ / ★ = New addition to the product range

Shoulder milling cutters

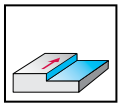
F2010 mm

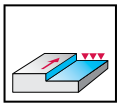
BC .. 1204 .. R

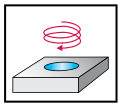


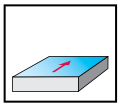


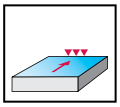
– Adjustable runout
– 2 cutting edges per indexable insert

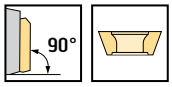




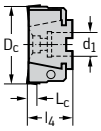
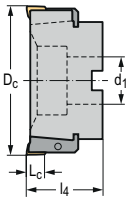
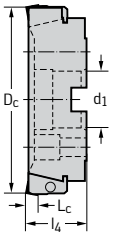
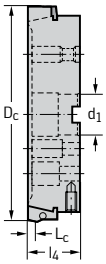








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,11.R764M	80	27	50	11.7	6	1.28	6	BC .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,11.R764M	100	32	50	11.7	7	1.83	7	BC .. 1204 .. R
	F2010.B.125.Z08,11.R764M	125	40	63	11.7	8	3.51	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,11.R764M	160	40	63	11.7	10	5.65	10	BC .. 1204 .. R
	F2010.B.200.Z12,11.R764M	200	60	63	11.7	12	9.6	12	
	F2010.B.250.Z12,11.R764M	250	60	63	11.7	12	16	12	
	F2010.B.250.Z16,11.R764M	250	60	63	11.7	16	16.21	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,11.R764M	315	60	80	11.7	14	27.39	14	BC .. 1204 .. R
	F2010.B.315.Z18,11.R764M	315	60	80	11.7	18	26.2	18	

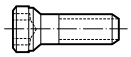
Bodies and assembly parts are included in the scope of delivery

D 2

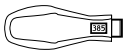
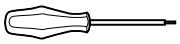
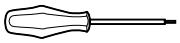
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

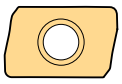
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1													😐					
	BCGT120408R-G55	G	2	😊	😐	😐	😟	😐		😟			😐	😐	😐				😐		😟
	BCHT120404R-K85	H	2														😊	😐			
	BCHT120408R-K85	H	2														😊	😐			
	BCHT120412R-K85	H	2														😊	😐			
	BCHT120416R-K85	H	2														😊	😐			
	BCHT120420R-K85	H	2														😊	😐			
	BCHT120425R-K85	H	2														😊	😐			
	BCHT120430R-K85	H	2														😊	😐			
	BCHT120440R-K85	H	2														😊	😐			
	BCMT120404R-G55	M	2		😐	😐	😟			😟				😐	😐						😟
	BCMT120408R-G55	M	2	😊	😐	😐	😟	😐	😟	😟	😊	😐	😐	😐	😐				😐	😟	😟
	BCMT120412R-G55	M	2		😐	😐	😟		😟	😟				😐	😐					😟	😟
	BCMT120416R-G55	M	2		😐	😐	😟		😟	😟				😐	😐					😟	😟
	BCMT120420R-G55	M	2		😐	😐	😟		😟	😟				😐	😐					😟	😟
	BCMT120425R-G55	M	2		😐	😐	😟			😟				😐	😐						😟
	BCMT120430R-G55	M	2		😐	😐	😟		😟	😟				😐	😐					😟	😟
	BCMT120432R-G55	M	2		😐	😐	😟			😟				😐	😐						😟
	BCMT120440R-G55	M	2		😐	😐	😟		😟	😟				😐	😐					😟	😟
	BCMT120408R-F55	M	2	😊	😐	😐	😟			😟	😊	😐	😐	😐	😐						😟
	BCMT120408R-K55	M	2		😊	😊	😐	😊		😐				😐	😐				😊		😐

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😟

😊 😐 😟 / ★ = New addition to the product range

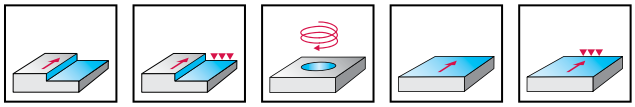
Shoulder milling cutters

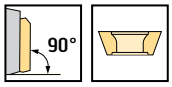
F2010 inch

BC .. 1204 .. R

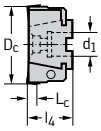
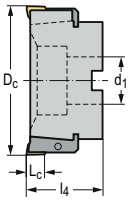
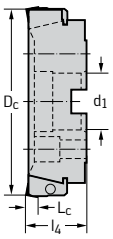
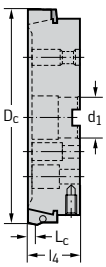


– Adjustable runout
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06,11R764M	3.000	1.000	2.000	0.461	6	1.918	6	BC .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.UB.102.Z07,11R764M	4.000	1.250	2.000	0.461	7	4.85	7	BC .. 1204 .. R
	F2010.UB.127.Z08,11R764M	5.000	1.500	2.500	0.461	8	7.496	8	
	F2010.UB.152.Z10,11R764M	6.000	1.500	2.500	0.461	10	13.095	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12,11R764M	8.000	2.500	2.500	0.461	12	21.297	12	BC .. 1204 .. R
	F2010.UB.254.Z12,11R764M	10.000	2.500	2.500	0.461	12	36.376	12	
	F2010.UB.254.Z16,11R764M	10.000	2.500	2.500	0.461	16	36.376	16	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18,11R764M	12.000	2.500	2.500	0.461	18	45.636	18	BC .. 1204 .. R

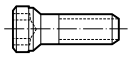
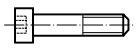
Bodies and assembly parts are included in the scope of delivery

D 2

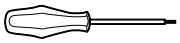
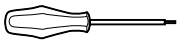
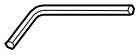
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

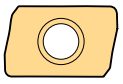
Assembly parts

	D_c [inch]	3	4	5–6	8–12
	Cartridge for tool body	FR764M	FR764M	FR764M	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs	FS2573 (T9IP) 1.475 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbor-mounted tools	FS1519	FS1565	FS1566	

Accessories

	D_c [inch]	3–12
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1													●					
	BCGT120408R-G55	G	2	☺	●	●	✕	●		✕			●	●	●				●		✕
	BCHT120404R-K85	H	2														☺	●			
	BCHT120408R-K85	H	2														☺	●			
	BCHT120412R-K85	H	2														☺	●			
	BCHT120416R-K85	H	2														☺	●			
	BCHT120420R-K85	H	2														☺	●			
	BCHT120425R-K85	H	2														☺	●			
	BCHT120430R-K85	H	2														☺	●			
	BCHT120440R-K85	H	2														☺	●			
	BCMT120404R-G55	M	2		●	●	✕			✕				●	●						✕
	BCMT120408R-G55	M	2	☺	●	●	✕	●	✕	✕	☺	●	●	●	●				●	✕	✕
	BCMT120412R-G55	M	2		●	●	✕		✕	✕				●	●					✕	✕
	BCMT120416R-G55	M	2		●	●	✕		✕	✕				●	●					✕	✕
	BCMT120420R-G55	M	2		●	●	✕		✕	✕				●	●					✕	✕
	BCMT120425R-G55	M	2		●	●	✕			✕				●	●						✕
	BCMT120430R-G55	M	2		●	●	✕		✕	✕				●	●					✕	✕
	BCMT120432R-G55	M	2		●	●	✕			✕				●	●						✕
	BCMT120440R-G55	M	2		●	●	✕		✕	✕				●	●					✕	✕
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	BCMT120408R-K55	M	2		☺	☺	●	☺		●				●	●				☺		●

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ● → Moderate = ✕

☺ ● ✕ / ★ = New addition to the product range

Shoulder milling cutters

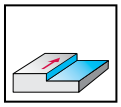
F2010 mm

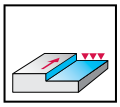
BC .. 1605 .. R

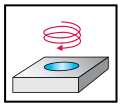


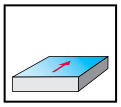


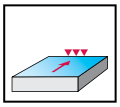
– Adjustable runout
– 2 cutting edges per indexable insert

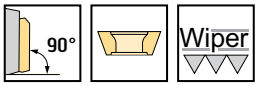




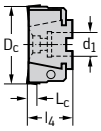
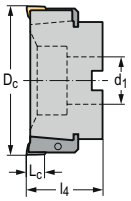
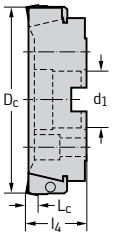
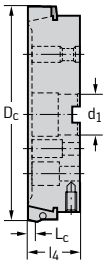








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,15.R765M	80	27	50	15	6	1.22	6	BC .. 1605 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,15.R765M	100	32	50	15	7	1.77	7	BC .. 1605 .. R
	F2010.B.125.Z08,15.R765M	125	40	63	15	8	3.65	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,15.R765M	160	40	63	15	10	5.58	10	BC .. 1605 .. R
	F2010.B.200.Z12,15.R765M	200	60	63	15	12	9.6	12	
	F2010.B.250.Z12,15.R765M	250	60	63	15	12	16.1	12	
	F2010.B.250.Z16,15.R765M	250	60	63	15	16	16.07	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,15.R765M	315	60	80	15	14	27.4	14	BC .. 1605 .. R
	F2010.B.315.Z18,15.R765M	315	60	80	15	18	27.5	18	

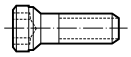
Bodies and assembly parts are included in the scope of delivery

D 2

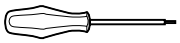
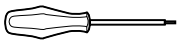
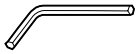
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

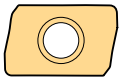
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR765M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G51	G	2	2			☺	☺		☹					☺						☺	☺							☹	
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	BCHT160508R-K85	H	2	2																					☺	☺				
	BCHT160512R-K85	H	2	1.7																					☺	☺				
	BCHT160516R-K85	H	2	1.7																					☺	☺				
	BCHT160520R-K85	H	2	1.5																					☺	☺				
	BCHT160525R-K85	H	2	1.4																					☺	☺				
	BCHT160530R-K85	H	2	1.2																					☺	☺				
	BCHT160540R-K85	H	2	1.1																					☺	☺				
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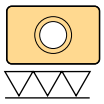
	BCGX1605PDR-G55	G	2	8	☺			☹		☺	☹				☺	☺	☺				☹	☹							☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

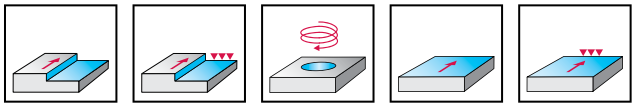
Shoulder milling cutters

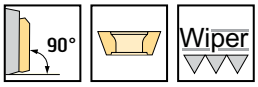
F2010 inch

BC .. 1605 .. R

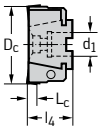
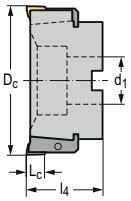
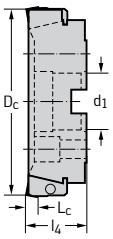
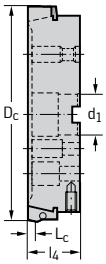


– Adjustable runout
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06,15R765M	3.000	1.000	2.000	0.591	6	2.513	6	BC .. 1605 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.UB.102.Z07,15R765M	4.000	1.250	2.000	0.591	7	4.057	7	BC .. 1605 .. R
	F2010.UB.127.Z08,15R765M	5.000	1.500	2.500	0.591	8	7.716	8	
	F2010.UB.152.Z10,15R765M	6.000	1.500	2.500	0.591	10	13.051	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12,15R765M	8.000	2.500	2.500	0.591	12	23.766	12	BC .. 1605 .. R
	F2010.UB.254.Z12,15R765M	10.000	2.500	2.500	0.591	12	40.3	12	
	F2010.UB.254.Z16,15R765M	10.000	2.500	2.500	0.591	16	40.08	16	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18,15R765M	12.000	2.500	2.500	0.591	18	68.343	18	BC .. 1605 .. R

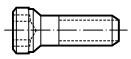
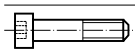
Bodies and assembly parts are included in the scope of delivery

D 2

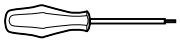
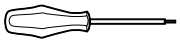
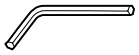
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

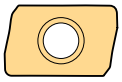
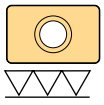
Assembly parts

	D_c [inch]	3	4	5–6	8–12
	Cartridge for tool body	FR765M	FR765M	FR765M	FR765M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2.581 lbs	FS2300 (T15IP) 2.581 lbs	FS2300 (T15IP) 2.581 lbs	FS2300 (T15IP) 2.581 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbor-mounted tools	FS1519	FS1565	FS1566	

Accessories

	D_c [inch]	3–12
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G51	G	2	0.079			😐	😐		☹					😐						😐	😐							☹	
	BCGT160508R-G55	G	2	0.079		🙂	😐	😐		☹			😐		😐		🙂			😐	😐	😐					😐		☹	
	BCHT160508R-K85	H	2	0.079																				🙂	😐				
	BCHT160512R-K85	H	2	0.067																				🙂	😐				
	BCHT160516R-K85	H	2	0.067																				🙂	😐				
	BCHT160520R-K85	H	2	0.059																				🙂	😐				
	BCHT160525R-K85	H	2	0.055																				🙂	😐				
	BCHT160530R-K85	H	2	0.047																				🙂	😐				
	BCHT160540R-K85	H	2	0.043																				🙂	😐				
	BCMT160508R-F55	M	2	0.079		🙂	😐	😐		☹				☹	☹		🙂		😐	😐	😐	😐					☹	☹	
	BCMT160508R-G55	M	2	0.079		🙂	😐	😐		☹			😐	☹	☹		🙂		😐	😐	😐	😐					😐	☹	☹	
	BCMT160512R-G55	M	2	0.067			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160516R-G55	M	2	0.059			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160520R-G55	M	2	0.059			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160525R-G55	M	2	0.055			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160530R-G55	M	2	0.047			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160532R-G55	M	2	0.043			😐	😐		☹					☹						😐	😐							☹	
	BCMT160540R-G55	M	2	0.043			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160550R-G55	M	2	0.028			😐	😐		☹					☹						😐	😐							☹	
	BCMT160560R-G55	M	2	0.004			😐	😐		☹				☹	☹						😐	😐						☹	☹	
	BCMT160508R-G55W	M	2	0.079						☹				☹	☹													☹	☹	
	BCMT160516R-G55W	M	2	0.059						☹				☹	☹													☹	☹	
	BCMT160530R-G55W	M	2	0.047						☹				☹	☹													☹	☹	
	BCMT160508R-K55	M	2	0.079			🙂	🙂		😐			🙂	😐	😐						😐	😐					🙂	😐	😐	
	BCGX1605PDR-G55	G	2	0.315	🙂			☹		🙂	☹				🙂	🙂	🙂					☹	☹						🙂

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = ☹

☹ 😐 🙂 / ★ = New addition to the product range

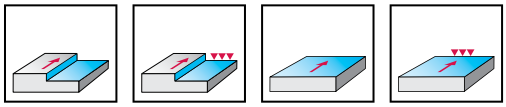
Shoulder milling cutters

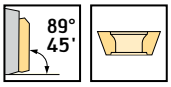
F2010 mm

SD .. 09T3 ..; SDGT09T3PDR

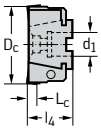
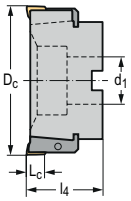
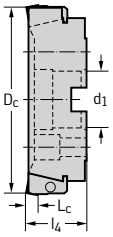
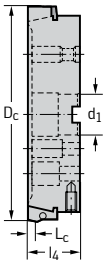


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R756M	80	27	50	8.4	6	1.3	6	SD .. 09T3 .. SDGT09T3PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R756M	100	32	50	8.4	7	1.9	7	SD .. 09T3 .. SDGT09T3PDR
	F2010.B.125.Z08,08.R756M	125	40	63	8.4	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R756M	160	40	63	8.4	10	5.6	10	SD .. 09T3 .. SDGT09T3PDR
	F2010.B.200.Z12,08.R756M	200	60	63	8.4	12	8.3	12	
	F2010.B.250.Z12,08.R756M	250	60	63	8.4	12	14.8	12	
	F2010.B.250.Z16,08.R756M	250	60	63	8.4	16	14.6	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R756M	315	60	80	8.4	14	26.3	14	SD .. 09T3 .. SDGT09T3PDR
	F2010.B.315.Z18,08.R756M	315	60	80	8.4	18	26.2	18	

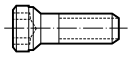
Bodies and assembly parts are included in the scope of delivery

D 2

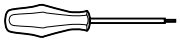
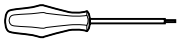
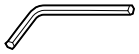
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR756M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2268 (T10IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS2267 (T10IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDGT09T3PDR-D57	G	4	0.8	1.2	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGW09T304-A88	G	1	0.4															😐					
	SDHT09T304-G88	H	4	0.4																☺	😐			
	SDHT09T308-G88	H	4	0.8																☺	😐			
	SDMT09T304-F57	M	4	0.4			😐	😐	☹			☹					☹	☹						☹
	SDMT09T308-F57	M	4	0.8		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT09T312-F57	M	4	1.2			😐	😐	☹			☹					☹	☹						☹
	SDMT09T316-F57	M	4	1.6			😐	😐	☹			☹					☹	☹						☹
	SDMT09T320-F57	M	4	2			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMT09T308-D51	M	4	0.8		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT09T308-D57	M	4	0.8		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMW09T308-A57	M	4	0.8		😐	☹	☹								😐	☹	☹						
	SDMW09T320-A57	M	4	2			☹		☹			☹		😐	😐		☹							☹

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the cartridge must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

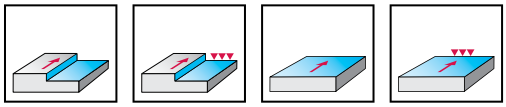
Shoulder milling cutters

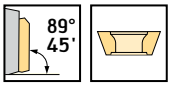
F2010 mm

SD .. 1204 ..; SDGT1204PDR

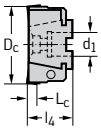
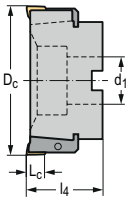
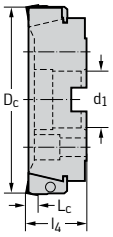
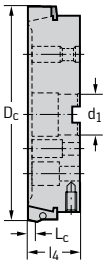


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R757M	80	27	50	11.6	6	1.3	6	SD .. 1204 .. SDGT1204PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R757M	100	32	50	11.6	7	1.9	7	SD .. 1204 .. SDGT1204PDR
	F2010.B.125.Z08,08.R757M	125	40	63	11.6	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R757M	160	40	63	11.6	10	5.6	10	SD .. 1204 .. SDGT1204PDR
	F2010.B.200.Z12,08.R757M	200	60	63	11.6	12	8.3	12	
	F2010.B.250.Z12,08.R757M	250	60	63	11.6	12	14.8	12	
	F2010.B.250.Z16,08.R757M	250	60	63	11.6	16	14.6	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R757M	315	60	80	11.6	14	26.3	14	SD .. 1204 .. SDGT1204PDR
	F2010.B.315.Z18,08.R757M	315	60	80	11.6	18	26.2	18	

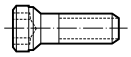
Bodies and assembly parts are included in the scope of delivery

D 2

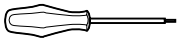
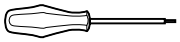
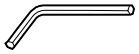
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR757M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDGT1204PDR-D57	G	4	0.8	1.6	☺	😐	😐	☹	😐		☹				😐	☹	☹				😐		☹
	SDGW120408-A88	G	1	0.8															😐					
	SDHT120408-G88	H	4	0.8																☺	😐			
	SDMT120408-D51	M	4	0.8		☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT120408-D57	M	4	0.8		☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMT120408-F57	M	4	0.8		☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMT120412-F57	M	4	1.2			😐	😐	☹			☹					☹	☹						☹
	SDMT120416-F57	M	4	1.6			😐	😐	☹			☹					☹	☹						☹
	SDMT120420-F57	M	4	2			😐	😐	☹			☹					☹	☹						☹
	SDMT120425-F57	M	4	2.5			😐	😐	☹	😐	☹	☹					☹	☹				😐	☹	☹
	SDMW120408-A57	M	4	0.8		😐	☹	☹								☹	☹	☹						
	SDMW120425-A57	M	4	2.5			☹		☹			☹		😐	😐		☹							☹

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the cartridge must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

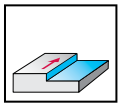
F2010 mm

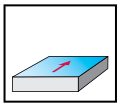
TNMU1605...





– Adjustable runout
– 6 cutting edges per indexable insert

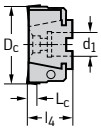
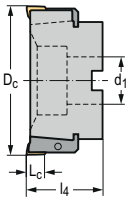
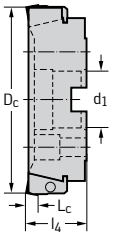
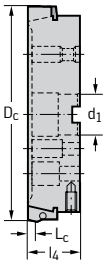








	P	M	K	N	S	H	O
F2010	●●	●	●●		●		

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R769M	80	27	50	8	6	1.3	6	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R769M	100	32	50	8	7	1.9	7	TNMU1605...
	F2010.B.125.Z08,08.R769M	125	40	63	8	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R769M	160	40	63	8	10	5.6	10	TNMU1605...
	F2010.B.200.Z12,08.R769M	200	60	63	8	12	8.3	12	
	F2010.B.250.Z12,08.R769M	250	60	63	8	12	14.8	12	
	F2010.B.250.Z16,08.R769M	250	60	63	8	16	14.6	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R769M	315	60	80	8	14	26.3	14	TNMU1605...
	F2010.B.315.Z18,08.R769M	315	60	80	8	18	26.2	18	

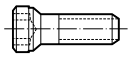
Bodies and assembly parts are included in the scope of delivery

D 2

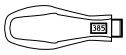
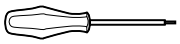
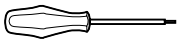
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

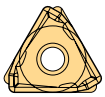
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K			S
							HC			HC		HC		HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160508R-G27	M	6	0.8	1.6	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160512R-G27	M	6	1.2	1.3		😐		☹	☹		☹		☹
	TNMU160516R-G27	M	6	1.6	0.9		😐		☹	☹		☹		☹
	TNMU160508R-G57	M	6	0.8	1.6	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

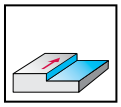
F2010 inch

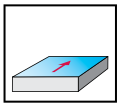
TNMU1605...





– Adjustable runout
– 6 cutting edges per indexable insert

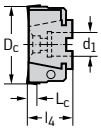
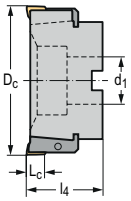
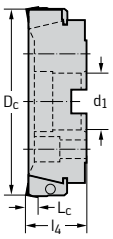
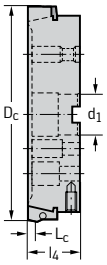








	P	M	K	N	S	H	O
F2010	●●	●	●●		●		

Tool	Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06,08R769M	3.000	1.000	2.000	0.315	6	3.307	6	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	F2010.UB.102.Z07,08R769M	4.000	1.250	2.000	0.315	7	5.732	7	TNMU1605...
	F2010.UB.127.Z08,08R769M	5.000	1.500	2.500	0.315	8	7.496	8	
	F2010.UB.152.Z10,08R769M	6.000	1.500	2.500	0.315	10	14.551	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12,08R769M	8.000	2.500	2.500	0.315	12	21.385	12	TNMU1605...
	F2010.UB.254.Z12,08R769M	10.000	2.500	2.500	0.315	12	36.376	12	
	F2010.UB.254.Z16,08R769M	10.000	2.500	2.500	0.315	16	36.376	16	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18,08R769M	12.000	2.500	2.500	0.315	18	45.636	18	TNMU1605...

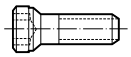
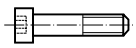
Bodies and assembly parts are included in the scope of delivery

D 2

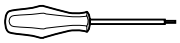
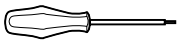
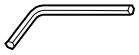
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

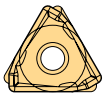
Assembly parts

	D_c [inch]	3	4	5–6	8–12
	Cartridge for tool body	FR769M	FR769M	FR769M	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 1.475 lbs	FS2079 (T9IP) 1.475 lbs	FS2079 (T9IP) 1.475 lbs	FS2079 (T9IP) 1.475 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbor-mounted tools	FS1519	FS1565	FS1566	

Accessories

	D_c [inch]	3–12
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M	K				S
							HC			HC		HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G
	TNMU160508R-G27	M	6	0.031	0.063	☺	😐	😐	☹	☹	😐	☹	☹	☹	☹
	TNMU160512R-G27	M	6	0.047	0.051		😐		☹	☹		☹			☹
	TNMU160516R-G27	M	6	0.063	0.035		😐		☹	☹		☹			☹
	TNMU160508R-G57	M	6	0.031	0.063	☺	😐	😐	☹	☹	😐	☹	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

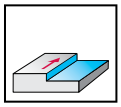
F5038 mm

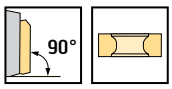
LNH . 0904 .. R

Walter BLAXX



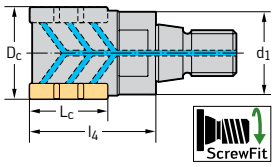
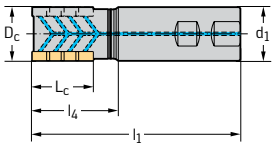
– Full effective design
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F5038	●●	●●	●●	●●	●●		●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit									
F5038.T28,032.Z02,32	32	28	50		32	2	0.24	2 / 6	LNH . 0904 .. R
ScrewFit									
									
F5038.W25,025.Z02,32	25	25	43	100	32	2	0.31	2 / 6	LNH . 0904 .. R
F5038.W32,032.Z02,40	32	32	50	111	40	2	0.57	2 / 8	
F5038.W40,040.Z03,40	40	40	54	125	40	3	1	3 / 12	
DIN 1835 B									

Bodies and assembly parts are included in the scope of delivery

D 2

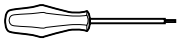
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	25–40
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	25	32	40
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Coolant nozzle		FS2250 (SW 1.6)	FS2250 (SW 1.6)

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	LNHU090404R-L55T	H	4	0.4	1.5	☺	😐	😐	☹	😐		☹	☺	😐	😐	☹	☹			😐		☹
	LNHU090408R-L55T	H	4	0.8	1.1	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹
	LNHU090412R-L55T	H	4	1.2	0.8		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU090416R-L55T	H	4	1.6			😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU090420R-L55T	H	4	2			😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU090404R-L65T	H	4	0.4	1.5				☹			☹										
	LNHU090404R-L85T	H	4	0.4	1.5													☺	😐			
	LNMU090404R-L55T	M	4	0.4	1.5	☺	😐	😐	☹		☹	☹		😐	😐	☹	☹			😐	☹	☹

Indexable inserts with r > 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

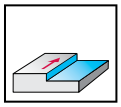
F5138 mm

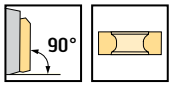
LNH . 1306 .. R

Walter BLAXX



– Full effective design
– 4 cutting edges per indexable insert, tangential arrangement

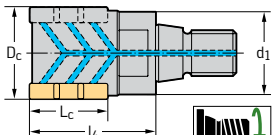




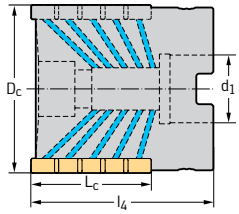
	P	M	K	N	S	H	O
F5138	●●	●●	●●	●●	●●		●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F5138.T36,040.Z02,34	40	36	55	34	2	0.43	2 / 4	LNH . 1306 .. R
F5138.B22,050.Z03,34	50	22	55	34	3	0.55	3 / 6	LNH . 1306 .. R
F5138.B22,050.Z03,45	50	22	65	45	3	0.57	3 / 9	
F5138.B27,063.Z04,45	63	27	70	45	4	1.06	4 / 12	
F5138.B27,063.Z04,56	63	27	80	56	4	2.24	4 / 16	
F5138.B32,080.Z05,56	80	32	85	56	5	2.23	5 / 20	



ScrewFit



Shell mill mount DIN 138 transverse keyway

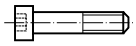
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see “Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D 2

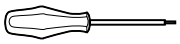
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	40	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm
	Clamping screw for arbor-mounted tools		M10X040 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X065 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	40	50–80
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Coolant nozzle	FS2250 (SW 1.6)	FS2250 (SW 1.6)

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	LNHU130608R-L55T	H	4	0.8	2.2	☺	😐	😐	☹	😐		☹	☺	😐	😐	☹	☹			😐		☹
	LNHU130612R-L55T	H	4	1.2	1.9		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130616R-L55T	H	4	1.6	1.5		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130620R-L55T	H	4	2	1.2		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130625R-L55T	H	4	2.5	0.7		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130630R-L55T	H	4	3	2.3		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130632R-L55T	H	4	3.2			😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130608R-L65T	H	4	0.8	2.2				☹			☹										☹
	LNHU130608R-L85T	H	4	0.8	2.2													☺	😐			
	LNMU130608R-L55T	M	4	0.8	2.2	☺	😐	😐	☹		☹	☹		😐	😐	☹	☹				☹	☹

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

F5138 inch

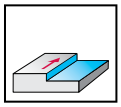
LNH . 1306 .. R

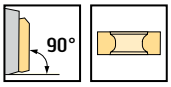
Walter BLAXX





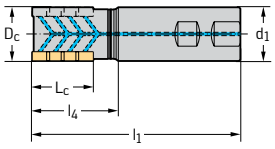
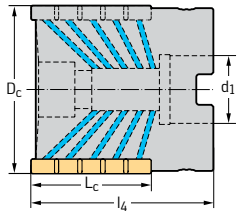
– Full effective design
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F5138	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	F5138.UW38,038.Z02,45	1.500	1.500	1.969	5.315	1.772	2	2.132	2 / 6	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F5138.UB19,051.Z03,34	2.000	0.750	2.165		1.339	3	1.204	3 / 6	LNH . 1306 .. R
	F5138.UB26,064.Z04,45	2.500	1.000	2.756		1.772	4	0.24	4 / 12	

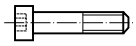
Bodies and assembly parts are included in the scope of delivery

D 2

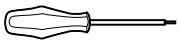
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [inch]	1.5	2	2.5
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs	FS2081 (T15IP) 2.95 lbs
	Clamping screw for arbor-mounted tools		FS1338	FS1614

Accessories

	D_c [inch]	1.5–2.5
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Coolant nozzle	FS2250 (SW 1.6)

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	LNHU130608R-L55T	H	4	0.031	0.087	☺	😐	😐	☹	😐		☹	☺	😐	😐	☹	☹			😐		☹
	LNHU130612R-L55T	H	4	0.047	0.073		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130616R-L55T	H	4	0.063	0.059		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130620R-L55T	H	4	0.079	0.045		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130625R-L55T	H	4	0.098	0.028		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130630R-L55T	H	4	0.118	0.091		😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130632R-L55T	H	4	0.126			😐	😐	☹	😐		☹				☹	☹			😐		☹
	LNHU130608R-L65T	H	4	0.031	0.087				☹			☹										☹
	LNHU130608R-L85T	H	4	0.031	0.087													☺	😐			
	LNMU130608R-L55T	M	4	0.031	0.087	☺	😐	😐	☹		☹	☹		😐	😐	☹	☹				☹	☹

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

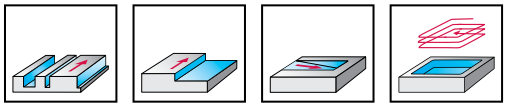
M5250 mm

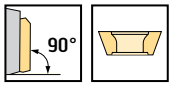
BC .. 1605 .. R

Xtra·tec® XT



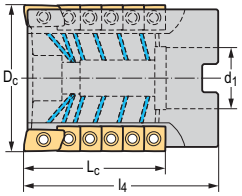
– Full effective design
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5250	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5250-050-B22-03-43-16	50	22	60	43	3	0.4	3 / 9	BC .. 1605 .. R SC .. 1105 ..
M5250-050-B22-03-62-16	50	22	80	62	3	0.53	3 / 15	
M5250-063-B27-04-43-16	63	27	65	43	4	0.81	4 / 12	
M5250-063-B27-04-62-16	63	27	85	62	4	1.05	4 / 20	
M5250-080-B32-05-62-16	80	32	85	62	5	1.87	5 / 25	
M5250-080-B32-05-80-16	80	32	105	80	5	2.32	5 / 35	

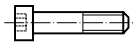
Bodies and assembly parts are included in the scope of delivery

D 2

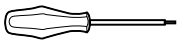
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

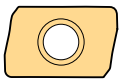
Assembly parts

	D_c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3.5 Nm	FS2300 (T15IP) 3.5 Nm	FS2300 (T15IP) 3.5 Nm
	Clamping screw for arbor-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X070 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	N HW WN15	S HC WSM45X	S HC WSP45G
	BCGT160508R-G51	G	2	2	☻	☻	☹		☹	☻	☻					☹
	BCGT160508R-G55	G	2	2	☻	☻	☹		☹	☻	☻					☹
	BCHT160508R-K85	H	2	2								☺	☻			
	BCHT160512R-K85	H	2	1.7								☺	☻			
	BCHT160516R-K85	H	2	1.7								☺	☻			
	BCHT160520R-K85	H	2	1.5								☺	☻			
	BCHT160525R-K85	H	2	1.4								☺	☻			
	BCHT160530R-K85	H	2	1.2								☺	☻			
	BCHT160540R-K85	H	2	1.1								☺	☻			
	BCMT160508R-F55	M	2	2	☻	☻	☹		☹	☻	☻					☹
	BCMT160508R-G55	M	2	2	☻	☻	☹		☹	☻	☻					☹
	BCMT160512R-G55	M	2	1.7	☻	☻	☹		☹	☻	☻					☹
	BCMT160516R-G55	M	2	1.5	☻	☻	☹		☹	☻	☻					☹
	BCMT160520R-G55	M	2	1.5	☻	☻	☹		☹	☻	☻					☹
	BCMT160525R-G55	M	2	1.4	☻	☻	☹		☹	☻	☻					☹
	BCMT160530R-G55	M	2	1.2	☻	☻	☹		☹	☻	☻					☹
	BCMT160532R-G55	M	2	1.1	☻	☻	☹		☹	☻	☻					☹
	BCMT160540R-G55	M	2	1.1	☻	☻	☹		☹	☻	☻					☹
	BCMT160550R-G55	M	2	0.7	☻	☻	☹		☹	☻	☻					☹
	BCMT160560R-G55	M	2	0.1	☻	☻	☹		☹	☻	☻					☹
	BCMT160508R-G55W	M	2	2			☹	☹	☹						☹	☹
	BCMT160516R-G55W	M	2	1.5			☹	☹	☹						☹	☹
	BCMT160530R-G55W	M	2	1.2			☹	☹	☹						☹	☹
	SCGT110502-G51	G	4		☻	☻	☹		☹	☻	☻					☹
	SCHT110502-K85	H	4									☺		☻		
	SCMT110502-F55	M	4		☻	☻	☹		☹	☻	☻					☹
	SCMT110502-G55	M	4		☻	☻	☹		☹	☻	☻					☹
	SCMT110502-G55W	M	4				☹	☹	☹						☹	☹

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

☺ ☻ ☹ / ★ = New addition to the product range

Helical milling cutters

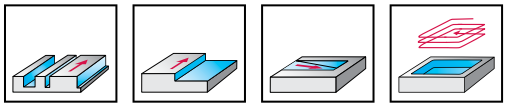
M5250 inch

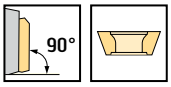
BC .. 1605 .. R

Xtra·tec® XT



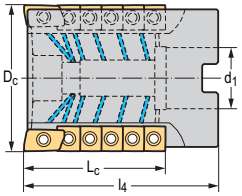
– Full effective design
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5250	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5250,051-B26-03-52-16	2.000	1.000	3.150	2.047	3	1.285	3 / 12	BC .. 1605 .. R SC .. 1105 ..
M5250,064-B26-04-62-16	2.500	1.000	3.346	2.441	4	2.458	4 / 20	
M5250,076-B31-05-80-16	3.000	0.500	4.134	3.150	5	4.599	5 / 35	

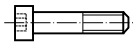
Bodies and assembly parts are included in the scope of delivery

D 2

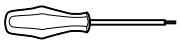
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

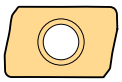
New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [inch]	2–2.5	3
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2.581 lbs	FS2300 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools	FS1614	FS2599

Accessories

	D_c [inch]	2–3
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

	Designation	Tolerance class	Number of cutting edges	b inch	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	N HW WN15	S HC WSM45X	S HC WSP45G
	BCGT160508R-G51	G	2	0.079	☻	☻	☹		☹	☻	☻					☹
	BCGT160508R-G55	G	2	0.079	☻	☻	☹		☹	☻	☻					☹
	BCHT160508R-K85	H	2	0.079								☺	☻			
	BCHT160512R-K85	H	2	0.067								☺	☻			
	BCHT160516R-K85	H	2	0.067								☺	☻			
	BCHT160520R-K85	H	2	0.059								☺	☻			
	BCHT160525R-K85	H	2	0.055								☺	☻			
	BCHT160530R-K85	H	2	0.047								☺	☻			
	BCHT160540R-K85	H	2	0.043								☺	☻			
	BCMT160508R-F55	M	2	0.079	☻	☻	☹		☹	☻	☻					☹
	BCMT160508R-G55	M	2	0.079	☻	☻	☹		☹	☻	☻					☹
	BCMT160512R-G55	M	2	0.067	☻	☻	☹		☹	☻	☻					☹
	BCMT160516R-G55	M	2	0.059	☻	☻	☹		☹	☻	☻					☹
	BCMT160520R-G55	M	2	0.059	☻	☻	☹		☹	☻	☻					☹
	BCMT160525R-G55	M	2	0.055	☻	☻	☹		☹	☻	☻					☹
	BCMT160530R-G55	M	2	0.047	☻	☻	☹		☹	☻	☻					☹
	BCMT160532R-G55	M	2	0.043	☻	☻	☹		☹	☻	☻					☹
	BCMT160540R-G55	M	2	0.043	☻	☻	☹		☹	☻	☻					☹
	BCMT160550R-G55	M	2	0.028	☻	☻	☹		☹	☻	☻					☹
	BCMT160560R-G55	M	2	0.004	☻	☻	☹		☹	☻	☻					☹
	BCMT160508R-G55W	M	2	0.079			☹	☹	☹						☹	☹
	BCMT160516R-G55W	M	2	0.059			☹	☹	☹						☹	☹
	BCMT160530R-G55W	M	2	0.047			☹	☹	☹						☹	☹
	SCGT110502-G51	G	4		☻	☻	☹		☹	☻	☻					☹
	SCHT110502-K85	H	4									☺		☻		
	SCMT110502-F55	M	4		☻	☻	☹		☹	☻	☻					☹
	SCMT110502-G55	M	4		☻	☻	☹		☹	☻	☻					☹
	SCMT110502-G55W	M	4				☹	☹	☹						☹	☹

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

☺ ☻ ☹ / ★ = New addition to the product range

Helical milling cutters

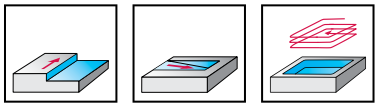
F4038 mm

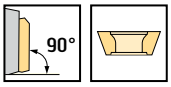
AD .. 0803 .. R

Xtra·tec®



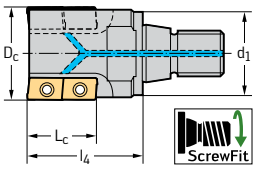
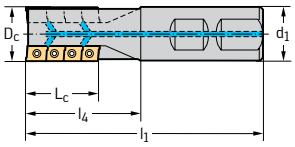
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4038	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
	F4038.T22,025.Z02,22	25	22	40		22	2	0.12	2 / 4	AD .. 0803 .. R
	F4038.T28,032.Z03,30	32	28	50		30	3	0.22	3 / 9	
ScrewFit										
	F4038.W20,020.Z01,30	20	20	45	96	30	1	0.19	2 / 3	AD .. 0803 .. R
	F4038.W25,025.Z02,30	25	25	50	107	30	2	0.33	2 / 6	
	F4038.W32,032.Z03,37	32	32	50	111	37	3	0.56	3 / 12	
DIN 1835 B										

Bodies and assembly parts are included in the scope of delivery

D 2

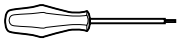
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

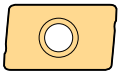
Assembly parts

	D_c [mm]	20–32
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	20	25	32
	Torque screwdriver, analog	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ADGT0803PER-D51	G	0.4	1.2	☺	😐	😐	☹			☹		😐	☹	☹					☹
	ADGT0803PER-F56	G	0.4	1.2				☹	😐	😐	☹							😐	😐	☹
	ADHT0803PER-G88	H	0.4	1.2												☺	😐			
	ADKT0803PER-F56	K	0.4	1.2	☺		😐	☹			☹	☺	😐		☹					☹
	ADMT080302R-F56	M	0.2	1.2		😐	😐	☹	😐	😐	☹			☹	☹			😐	😐	☹
	ADMT080304R-F56	M	0.4	1.2	☺	😐	😐	☹	😐	😐	☹	☺	😐	☹	☹			😐	😐	☹
	ADMT080308R-F56	M	0.8	1.2		😐	😐	☹	😐	😐	☹			☹	☹			😐	😐	☹
	ADMT080312R-F56	M	1.2	1			😐	☹	😐	😐	☹				☹			😐	😐	☹
	ADMT080316R-F56	M	1.6	1			😐	☹	😐	😐	☹				☹			😐	😐	☹
	ADMT080320R-F56	M	2	1			😐	☹	😐	😐	☹				☹			😐	😐	☹
	ADMT080304R-D56	M	0.4	1.2	☺	😐	😐	☹			☹	☺	😐	☹	☹					☹
	ADMT080304R-G56	M	0.4	1.2			☺	😐			😐				😐					😐

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
Indexable inserts with r > 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

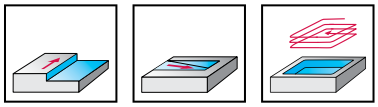
F4038 inch

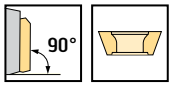
AD .. 0803 .. R

Xtra·tec®



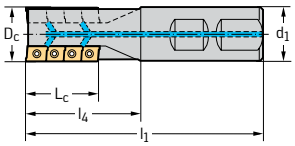
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4038	●●	●●	●●	●●	●●		●

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
F4038.UW19,019.Z01,30	0.750	0.750	1.770	3.780	1.181	1	0.388	2 / 3	AD .. 0803 .. R
F4038.UW26,026.Z02,37	1.000	1.000	1.969	4.213	1.457	2	0.763	2 / 8	

Bodies and assembly parts are included in the scope of delivery

D 2

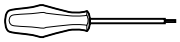
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

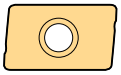
Assembly parts

	D_c [inch]	0.75–1
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0.885 lbs

Accessories

	D_c [inch]	0.75–1
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ADGT0803PER-D51	G	2	0.016	0.047	☺	😐	😐	☹			☹		😐	☹	☹					☹
	ADGT0803PER-F56	G	2	0.016	0.047				☹	😐	😐	☹							😐	😐	☹
	ADHT0803PER-G88	H	2	0.016	0.047												☺	😐			
	ADKT0803PER-F56	K	2	0.016	0.047	☺		😐	☹			☹	☺	😐		☹					☹
	ADMT080302R-F56	M	2	0.008	0.047		😐	😐	☹	😐	😐	☹			☹	☹			😐	😐	☹
	ADMT080304R-F56	M	2	0.016	0.047	☺	😐	😐	☹	😐	😐	☹	☺	😐	☹	☹			😐	😐	☹
	ADMT080308R-F56	M	2	0.031	0.047		😐	😐	☹	😐	😐	☹			☹	☹			😐	😐	☹
	ADMT080312R-F56	M	2	0.047	0.039			😐	☹	😐	😐	☹				☹			😐	😐	☹
	ADMT080316R-F56	M	2	0.063	0.039			😐	☹	😐	😐	☹				☹			😐	😐	☹
	ADMT080320R-F56	M	2	0.079	0.039			😐	☹	😐	😐	☹				☹			😐	😐	☹
	ADMT080304R-D56	M	2	0.016	0.047	☺	😐	😐	☹			☹	☺	😐	☹	☹					☹
	ADMT080304R-G56	M	2	0.016	0.047			☺	😐			😐				😐					😐

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
Indexable inserts with r > 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

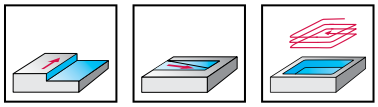
F4138 mm

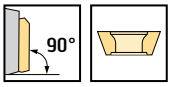
AD .. 1204 .. R

Xtra·tec®

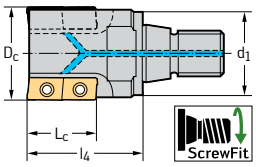
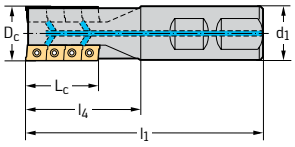
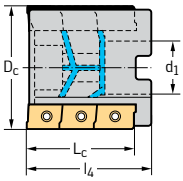
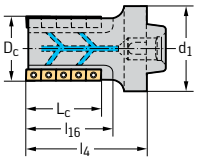


– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4138	●●	●●	●●	●●	●●		●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	F4138.T28,032.Z02,33	32	28	50			33	2	0.21	2 / 4	AD .. 1204 .. R
	F4138.T36,040.Z03,33	40	36	55			33	3	0.38	3 / 6	
 DIN 1835 B	F4138.W32,032.Z02,43	32	32	64		125	43	2	0.6	2 / 6	AD .. 1204 .. R
	F4138.W40,040.Z03,54	40	40	79		150	54	3	1.16	3 / 12	
 Shell mill mount DIN 138 transverse keyway	F4138.B16,040.Z03,33	40	16	55			33	3	0.32	3 / 6	AD .. 1204 .. R
	F4138.B16,040.Z03,43	40	16	65			43	3	0.35	3 / 9	
	F4138.B22,050.Z04,43	50	22	65			43	4	0.55	4 / 12	
	F4138.B22,050.Z04,54	50	22	75			54	4	0.62	4 / 16	
	F4138.B27,063.Z05,43	63	27	70			43	5	0.99	5 / 15	
 Modular NCT adaptor	F4138.N6,040.Z03,54	40	63	105	69		54	3	1.06	3 / 12	AD .. 1204 .. R

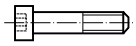
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see "Assembly parts and accessories/Miscellaneous" | Bodies and assembly parts are included in the scope of delivery

D 2

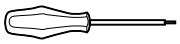
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

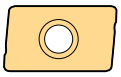
Assembly parts

	D_c [mm]	32	40	50	63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm
	Clamping screw for arbor-mounted tools		M08X040 ISO4762 12.9 (SW 6)	M10X045 ISO4762 12.9 (SW 8)	M12X045 ISO4762 12.9 (SW 10)

Accessories

	D_c [mm]	32	40	50–63
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ADGT120404R-F56	G	2	0.4	1.2				☹			☹										☹
	ADGT120430R-F56	G	2	3	0.8				☹			☹										☹
	ADGT120440R-F56	G	2	4	0.4				☹			☹										☹
	ADGT1204PER-F56	G	2	0.8	1.2				☹	😐		☹								😐		☹
	ADGT120416R-D67	G	2	1.6	1				😐			😐										😐
	ADGT1204PER-D67	G	2	0.8	1.2			😐	😐	😐		😐					😐			😐		😐
	ADGT1204PER-D51	G	2	0.8	1.2	☺	☺	☺	☹			☹			☺	☹	☹					☹
	ADGT1204PER-D56	G	2	0.8	1.2	☺		😐	☹			☹			😐		☹					☹
	ADGT1204PER-G77	G	2	0.8	1.2				😐	😐		😐								😐		😐
	ADHT120416R-G88	H	2	1.6	1													☺				
	ADHT120440R-G88	H	2	4	0.4														😐			
	ADHT1204PER-G88	H	2	0.8	1.2													☺	😐			
	ADKT1204PER-F56	K	2	0.8	1.2	☺		😐	☹			☹	☺		😐		☹					☹
	ADMT120404R-F56	M	2	0.4	1.2		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120408R-F56	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹	☹	☺	😐	😐	☹	☹			😐	☹	☹
	ADMT120412R-F56	M	2	1.2	1.2		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120416R-F56	M	2	1.6	1		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120420R-F56	M	2	2	1		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120425R-F56	M	2	2.5	0.8		😐	😐	☹			☹				☹	☹					☹
	ADMT120430R-F56	M	2	3	0.8		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹
	ADMT120432R-F56	M	2	3.2	0.8		😐	😐	☹	😐		☹				☹	☹			😐		☹
	ADMT120440R-F56	M	2	4	0.4		😐	😐	☹	😐	☹	☹				☹	☹			😐	☹	☹
	ADMT120408R-D56	M	2	0.8	1.2	☺	😐	😐	☹			☹	☺	😐	😐	☹	☹					☹
	ADMT120408R-G56	M	2	0.8	1.2		☺	☺	😐	😐		😐				😐	😐			😐		😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

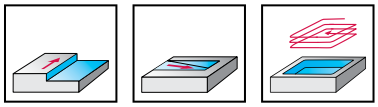
F4138 inch

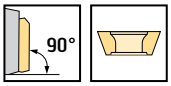
AD .. 1204 .. R

Xtra·tec®

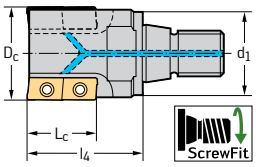
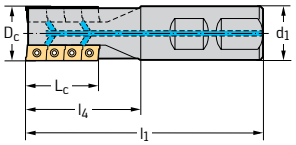
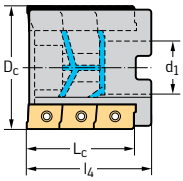


– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4138	●●	●●	●●	●●	●●		●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4138.UT28,031.Z02,33	1.250	1.102	1.969		1.300	2	0.465	2 / 4	AD .. 1204 .. R
	F4138.UT36,038.Z03,33	1.500	1.417	2.165		1.300	3	0.705	3 / 6	
 DIN 1835 B	F4138.UW31,031.Z02,43	1.250	1.250	2.520	4.921	1.693	2	1.19	2 / 6	AD .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F4138.UB19,051.Z04,43	2.000	0.750	2.559		1.690	4	1.323	4 / 12	AD .. 1204 .. R

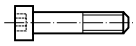
Bodies and assembly parts are included in the scope of delivery

D 2

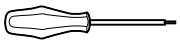
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

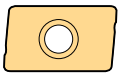
Assembly parts

	D_c [inch]	1.25–1.5	2
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1.475 lbs	FS1457 (T9IP) 1.475 lbs
	Clamping screw for arbor-mounted tools		FS1528

Accessories

	D_c [inch]	1.25	1.5	2
	Torque screwdriver, analog	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ADGT120404R-F56	G	2	0.016	0.047				✕			✕										✕
	ADGT120430R-F56	G	2	0.118	0.031				✕			✕										✕
	ADGT120440R-F56	G	2	0.157	0.016				✕			✕										✕
	ADGT1204PER-F56	G	2	0.031	0.047				✕	😐		✕								😐		✕
	ADGT120416R-D67	G	2	0.063	0.039				😐			😐										😐
	ADGT1204PER-D67	G	2	0.031	0.047			😐	😐	😐		😐					😐			😐		😐
	ADGT1204PER-D51	G	2	0.031	0.047	😊	😐	😐	✕			✕			😐	✕	✕					✕
	ADGT1204PER-D56	G	2	0.031	0.047	😊		😐	✕			✕			😐		✕					✕
	ADGT1204PER-G77	G	2	0.031	0.047				😐	😐		😐								😐		😐
	ADHT120416R-G88	H	2	0.063	0.039													😊				
	ADHT120440R-G88	H	2	0.157	0.016														😐			
	ADHT1204PER-G88	H	2	0.031	0.047													😊	😐			
	ADKT1204PER-F56	K	2	0.031	0.047	😊		😐	✕			✕	😊		😐		✕					✕
	ADMT120404R-F56	M	2	0.016	0.047		😐	😐	✕	😐		✕				✕	✕			😐		✕
	ADMT120408R-F56	M	2	0.031	0.047	😊	😐	😐	✕	😐	✕	✕	😊	😐	😐	✕	✕			😐	✕	✕
	ADMT120412R-F56	M	2	0.047	0.047		😐	😐	✕	😐		✕				✕	✕			😐		✕
	ADMT120416R-F56	M	2	0.063	0.039		😐	😐	✕	😐		✕				✕	✕			😐		✕
	ADMT120420R-F56	M	2	0.079	0.039		😐	😐	✕	😐		✕				✕	✕			😐		✕
	ADMT120425R-F56	M	2	0.098	0.031		😐	😐	✕			✕				✕	✕					✕
	ADMT120430R-F56	M	2	0.118	0.031		😐	😐	✕	😐	✕	✕				✕	✕			😐	✕	✕
	ADMT120432R-F56	M	2	0.126	0.031		😐	😐	✕	😐		✕				✕	✕			😐		✕
	ADMT120440R-F56	M	2	0.157	0.016		😐	😐	✕	😐	✕	✕				✕	✕			😐	✕	✕
	ADMT120408R-D56	M	2	0.031	0.047	😊	😐	😐	✕			✕	😊	😐	😐	✕	✕					✕
	ADMT120408R-G56	M	2	0.031	0.047		😊	😊	😐	😐		😐				😐	😐			😐		😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ✕

😊 😐 ✕ / ★ = New addition to the product range

Helical milling cutters

F4238 mm

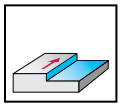
AD .. 1606 .. R

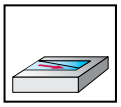
Xtra·tec®

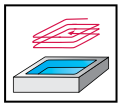


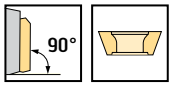


– Full effective design
– 2 cutting edges per indexable insert









	P	M	K	N	S	H	O
F4238	●●	●●	●●	●●	●●		●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F4238.T36,040.Z03,29	40	36	55		29	3	0.4	3 / 3	AD .. 1606 .. R
F4238.T45,050.Z03,43	50	45	70		43	3	0.72	3 / 6	
Shell mill mount DIN 138 transverse keyway									
F4238.B22,050.Z03,43	50	22	60		43	3	0.47	3 / 6	AD .. 1606 .. R
F4238.B27,063.Z04,43	63	27	70		43	4	0.93	4 / 8	
F4238.B27,063.Z04,57	63	27	85		57	4	1.2	4 / 12	
F4238.B32,080.Z05,57	80	32	85		57	5	2	5 / 15	
F4238.B32,080.Z05,71	80	32	100		71	5	2.39	5 / 20	
Modular NCT adaptor									
F4238.N6,040.Z03,57	40	63	108	80	57	3	1.05	3 / 9	AD .. 1606 .. R
F4238.N8,040.Z03,57	40	80	105	68	57	3	1.45	3 / 9	
F4238.N8,050.Z03,71	50	80	122	93	71	3	1.96	3 / 12	
F4238.N8,063.Z04,85	63	80	136	111	85	4	2.55	4 / 20	
F4238.N8,080.Z05,99	80	80	150	130	99	5	4.35	5 / 30	

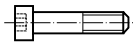
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see "Assembly parts and accessories/Miscellaneous" | Bodies and assembly parts are included in the scope of delivery

D 2

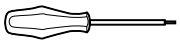
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

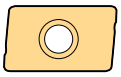
Assembly parts

	D_c [mm]	40	50	63	80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm	FS1453 (T15IP) 3.5 Nm	FS1453 (T15IP) 3.5 Nm	FS1453 (T15IP) 3.5 Nm
	Clamping screw for arbor-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M12X055 ISO4762 12.9 (SW 10)	M16X070 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	40–80	50
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADGT160612R-F56	G	2	1.2	1.6				☹				☹											☹
	ADGT160616R-F56	G	2	1.6	1.4				☹				☹											☹
	ADGT160620R-F56	G	2	2	1.4				☹				☹											☹
	ADGT160632R-F56	G	2	3.2	1.2				☹				☹											☹
	ADGT160640R-F56	G	2	4	1				☹				☹											☹
	ADGT1606PER-F56	G	2	0.8	1.6				☹	😐			☹								😐			☹
	ADGT160616R-D67	G	2	1.6	1				😐				😐											😐
	ADGT1606PER-D67	G	2	0.8	1.6		😐	😐	😐	😐			😐				😐	😐			😐			😐
	ADGT1606PER-D51	G	2	0.8	1.6	☺	😐	😐	☹				☹			😐	☹	☹						☹
	ADGT1606PER-D56	G	2	0.8	1.6	☺	😐	😐	☹				☹		😐	😐	☹	☹						☹
	ADGT1606PER-G77	G	2	0.8	1.2				😐	😐	😐		😐								😐	😐		😐
	ADHT160616R-G88	H	2	1.6	1.4														☺	😐				
	ADHT1606PER-G88	H	2	0.8	1.6														☺	😐				
	ADKT1606PER-F56	K	2	0.8	1.6	☺		😐	☹				☹	☺		😐		☹						☹
	ADMT160608R-D56	M	2	0.8	1.6	☺	😐	😐	☹				☹	☺	😐	😐	☹	☹						☹
	ADMT160608R-F56	M	2	0.8	1.6	☺	😐	😐	☹	😐		☹	☹	☺	😐	😐	☹	☹			😐		☹	☹
	ADMT160612R-F56	M	2	1.2	1.6		😐	😐	☹	😐		☹	☹				☹	☹			😐		☹	☹
	ADMT160616R-F56	M	2	1.6	1.4		😐	😐	☹	😐		☹	☹				☹	☹			😐		☹	☹
	ADMT160620R-F56	M	2	2	1.4		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160625R-F56	M	2	2.5	1.2		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160630R-F56	M	2	3	1.2		😐	😐	☹	😐		☹	☹				☹	☹			😐		☹	☹
	ADMT160632R-F56	M	2	3.2	1.2		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160640R-F56	M	2	4	1		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160650R-F56	M	2	5			😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160660R-F56	M	2	6			😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160608R-G56	M	2	0.8	1.6		☺	☺	😐	😐			😐				☹	☹			😐			😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

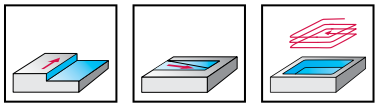
F4238 inch

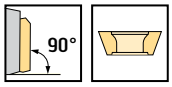
AD .. 1606 .. R

Xtra·tec®



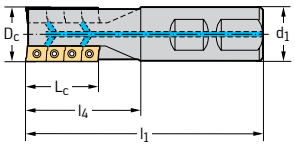
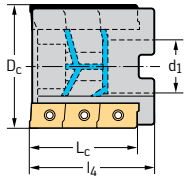
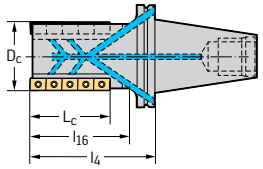
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4238	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_{16} inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	F4238.UW31,038.Z03,57	1.500	1.250	3.150		5.43	2.244	3	1.561	3 / 9	AD .. 1606 .. R
	F4238.UW38,051.Z03,90	2.000	1.500	4.528		7.215	3.346	3	3.743	3 / 15	
 Shell mill mount DIN 138 transverse keyway	F4238.UB19,051.Z03,43	2.000	0.750	2.362			1.693	3	1.160	3 / 6	AD .. 1606 .. R
	F4238.UB26,064.Z04,57	2.500	1.000	2.953			2.244	4	2.247	4 / 12	
	F4238.UB31,076.Z05,71	3.000	1.250	3.937			2.795	5	4.683	5 / 20	
 SK DIN 69871 AD/B	F4238.US5,051.Z03,85	2.000		4.528	4.204		3.346	3	8.113	3 / 15	AD .. 1606 .. R
	F4238.US5,064.Z04,99	2.500		5.906	5.118		3.898	4	10.401	4 / 24	

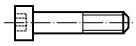
Bodies and assembly parts are included in the scope of delivery

D 2

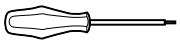
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

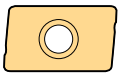
Assembly parts

	D_c [inch]	1.5	2	2.5	3
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools		FS1528	FS1614	FS2280

Accessories

	D_c [inch]	1.5–3
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ADGT160612R-F56	G	2	0.047	0.063				☹				☹											☹
	ADGT160616R-F56	G	2	0.063	0.055				☹				☹											☹
	ADGT160620R-F56	G	2	0.079	0.055				☹				☹											☹
	ADGT160632R-F56	G	2	0.126	0.047				☹				☹											☹
	ADGT160640R-F56	G	2	0.157	0.039				☹				☹											☹
	ADGT1606PER-F56	G	2	0.031	0.063				☹	😐			☹								😐			☹
	ADGT160616R-D67	G	2	0.063	0.039				😐				😐											😐
	ADGT1606PER-D67	G	2	0.031	0.063		😐	😐	😐	😐			😐				😐	😐			😐			😐
	ADGT1606PER-D51	G	2	0.031	0.063	😐	😐	😐	☹				☹			😐	☹	☹						☹
	ADGT1606PER-D56	G	2	0.031	0.063	😐	😐	😐	☹				☹		😐	😐	☹	☹						☹
	ADGT1606PER-G77	G	2	0.031	0.047				😐	😐	😐		😐								😐	😐		😐
	ADHT160616R-G88	H	2	0.063	0.055														😐	😐				
	ADHT1606PER-G88	H	2	0.031	0.063														😐	😐				
	ADKT1606PER-F56	K	2	0.031	0.063	😐		😐	☹				☹	😐		😐		☹						☹
	ADMT160608R-D56	M	2	0.031	0.063	😐	😐	😐	☹				☹	😐	😐	😐	☹	☹						☹
	ADMT160608R-F56	M	2	0.031	0.063	😐	😐	😐	☹	😐		☹	☹	😐	😐	😐	☹	☹			😐		☹	☹
	ADMT160612R-F56	M	2	0.047	0.063		😐	😐	☹	😐		☹	☹				☹	☹			😐		☹	☹
	ADMT160616R-F56	M	2	0.063	0.055		😐	😐	☹	😐		☹	☹				☹	☹			😐		☹	☹
	ADMT160620R-F56	M	2	0.079	0.055		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160625R-F56	M	2	0.098	0.047		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160630R-F56	M	2	0.118	0.047		😐	😐	☹	😐		☹	☹				☹	☹			😐		☹	☹
	ADMT160632R-F56	M	2	0.126	0.047		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160640R-F56	M	2	0.157	0.039		😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160650R-F56	M	2	0.197			😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160660R-F56	M	2	0.236			😐	😐	☹	😐			☹				☹	☹			😐			☹
	ADMT160608R-G56	M	2	0.031	0.063		☺	☺	😐	😐			😐				😐	😐			😐			😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

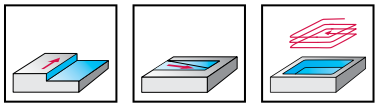
F4338 mm

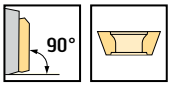
AD .. 1807 .. R

Xtra·tec®



– Full effective design
– 2 cutting edges per indexable insert

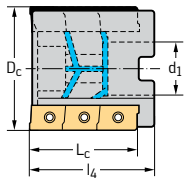




	P	M	K	N	S	H	O
F4338	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4338.B27,063.Z04,47	63	27	69	47	4	0.79	4 / 8	AD .. 1807 .. R
F4338.B27,063.Z04,63	63	27	85	63	4	0.95	4 / 12	
F4338.B32,080.Z05,78	80	32	100	78	5	2.05	5 / 20	



Shell mill mount DIN 138 transverse keyway

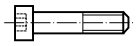
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see “Assembly parts and accessories/Miscellaneous” | Bodies and assembly parts are included in the scope of delivery

D 2

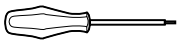
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

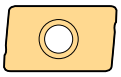
Assembly parts

	D_c [mm]	63	80
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm
	Clamping screw for arbor-mounted tools	M12X050 ISO4762 12.9 (SW 10)	M16X090 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	63–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	ADGT1807PER-D51	G	2	1.2	1.8		☺						☹		
	ADGT1807PER-D56	G	2	1.2	1.8		☺		☹	☹			☹		☹
	ADMT180712R-D56	M	2	1.2	1.8	☺	☺	☺	☹	☹	☺	☺	☹	☹	☹
	ADMT180712R-F56	M	2	1.2	1.8	☺	☺	☺	☹	☹	☺	☺	☹	☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

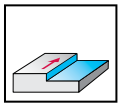
Helical milling cutters

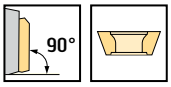
F2338F mm

LP .. 1506 ..



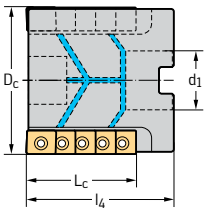
– Full effective design
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2338F	●●	●	●●		●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2338F.B.063.Z03,48	63	27	70	48	3	0.88	3 / 9	LP .. 1506 .. SP .. 120606
F2338F.B.080.Z05,70	80	32	95	70	5	2.05	5 / 25	
F2338F.B.085.Z05,70	85	32	95	70	5	2.56	5 / 25	

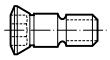
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see “Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D 2

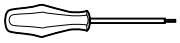
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

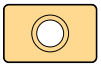
Assembly parts

	D_c [mm]	63–85
	Clamping screw for LP . . Index. insert Tightening torque	FS1153 (T20) 4 Nm
	Clamping screw for SP . . Index. insert Tightening torque	FS1031 (T20) 5 Nm

Accessories

	D_c [mm]	63–85
	Screwdriver for indexable insert	FS228 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	S HC WSP45G
	LPMT150612R-D51	M	2	1.2		😐	😣	😣		😣	😣
	LPMT150612R-D57	M	2	1.2	😊	😐			😐	😣	
	SPGT120606-F57	G	4	0.6			😣	😣			😣
	SPMT120606-D51	M	4	0.6		😐	😣	😣		😣	😣
	SPMT120606-D57	M	4	0.6	😊	😐	😣	😣	😐	😣	😣

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😣

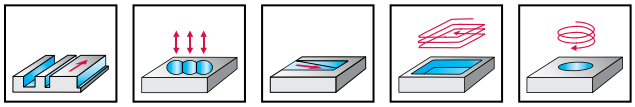
😊 😐 😣 / ★ = New addition to the product range

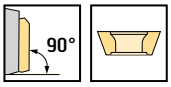
Routing cutters

M4791 inch



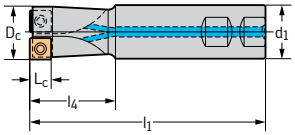
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4791	●●	●●	●●	●●	●●	●	

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4791,019-W19-01-06	0.750	0.750	1.529	3.560	0.22	1	0.342	1 / 1	SDM . 06T204
M4791,026-W26-01-09	1.000	1.000	2.844	5.125	0.331	1	0.858	1 / 1	SDM . 09T308
M4791,028-W19-01-09	1.125	0.750	1.250	3.310	0.331	1	0.337	1 / 1	
M4791,031-W31-01-12	1.250	1.250	3.219	5.500	0.457	1	1.446	1 / 1	SDM . 120408
M4791,038-W31-01-12	1.500	1.250	3.219	5.500	0.457	1	1.495	1 / 1	

Bodies and assembly parts are included in the scope of delivery

D 2

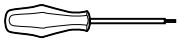
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.664 lbs	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs

Accessories

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analog	FS2002	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.016															☺	☹			
	SDMT06T204-D51	M	4	0.016	☺	☹	☹	☠			☠				☹	☠	☠						☠
	SDMT06T204-D57	M	4	0.016	☺	☹	☹	☠	☹		☠		☹	☹	☹	☠	☠				☹		☠
	SDMT06T204-F57	M	4	0.016	☺	☹	☹	☠	☹	☠	☠	☺			☹	☠	☠				☹	☠	☠
	SDMW06T204-A57	M	4	0.016	☹	☠	☠								☹	☠	☠						
	SDHT09T304-G88	H	4	0.016															☺	☹			
	SDHT09T308-G88	H	4	0.031															☺	☹			
	SDMT09T308-D51	M	4	0.031	☺	☹	☹	☠			☠				☹	☠	☠						☠
	SDMT09T308-D57	M	4	0.031	☺	☹	☹	☠	☹		☠		☹		☹	☠	☠				☹		☠
	SDMT09T304-F57	M	4	0.016		☹	☹	☠			☠					☠	☠						☠
	SDMT09T308-F57	M	4	0.031	☺	☹	☹	☠	☹	☠	☠	☺			☹	☠	☠				☹	☠	☠
	SDMW09T308-A57	M	4	0.031	☹	☠	☠								☹	☠	☠						
	SDHT120408-G88	H	4	0.031															☺	☹			
	SDMT120408-D51	M	4	0.031	☺	☹	☹	☠			☠				☹	☠	☠						☠
	SDMT120408-D57	M	4	0.031	☺	☹	☹	☠	☹		☠		☹		☹	☠	☠				☹		☠
	SDMT120408-F57	M	4	0.031	☺	☹	☹	☠	☹	☠	☠	☺			☹	☠	☠				☹	☠	☠
	SDMW120408-A57	M	4	0.031	☹	☠	☠								☹	☠	☠						
	SDGW09T304-A88	G	1	0.016														☹					
	SDGW120408-A88	G	1	0.031														☹					

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☠

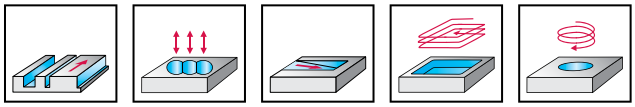
☺ ☹ ☠ / ★ = New addition to the product range

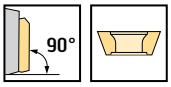
Routing cutters

M4792 mm



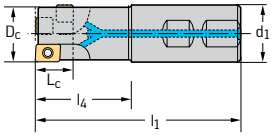
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4792	●●	●●	●●		●●		

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4792-018-W16-01-08	18	16	31	80	8.3	1	0.1	1 / 1	LDM . 08T204R SDM . 06T204
M4792-020-W20-01-13	20	20	34	85	13.3	1	0.17	1 / 1	
M4792-025-W25-01-13	25	25	43	100	13.3	1	0.3	1 / 1	LDM . 14T308R SDM . 09T308
M4792-030-W32-01-20	30	32	54	115	20.8	1	0.57	1 / 1	
M4792-032-W32-01-20	32	32	54	115	20.8	1	0.61	1 / 1	
M4792-040-W32-01-26	40	32	69	130	26.9	1	0.83	1 / 1	LDM . 1704 .. R SDM . 120408

Bodies and assembly parts are included in the scope of delivery

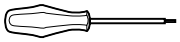
D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

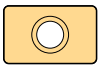
Assembly parts

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT08T204R-D51	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-D57	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-F57	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMW08T204R-A57	M	2	0.4	0.8	😐	☹						😐	☹			
	LDMT14T308R-D51	M	2	0.8	1.2	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D57	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	LDMT14T308R-F57	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW14T308R-A57	M	2	0.8	1.2		☹							☹			
	LDMT170408R-D51	M	2	0.8	1.6		😐	😐	☹		☹			☹	☹		☹
	LDMT170408R-D57	M	2	0.8	1.6	☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	LDMT170408R-F57	M	2	0.8	1.6	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW170408R-A57	M	2	0.8	1.6		☹							☹			
	SDMT06T204-D51	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-D57	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-F57	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMW06T204-A57	M	4	0.4		😐	☹						😐	☹			
	SDMT09T308-D51	M	4	0.8		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT09T308-D57	M	4	0.8		☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	SDMT09T304-F57	M	4	0.4			😐	😐	☹		☹			☹	☹		☹
	SDMT09T308-F57	M	4	0.8		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW09T308-A57	M	4	0.8			☹							☹			
	SDMT120408-D51	M	4	0.8			😐	😐	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.8		☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	SDMT120408-F57	M	4	0.8		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW120408-A57	M	4	0.8			☹							☹			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

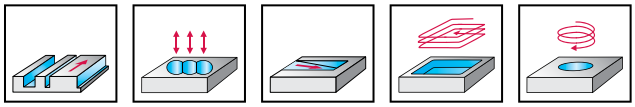
☺ 😐 ☹ / ★ = New addition to the product range

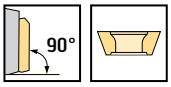
Routing cutters

M4792 inch



– 2 or 4 cutting edges per indexable insert

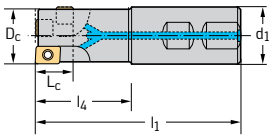




	P	M	K	N	S	H	O
M4792	●●	●●	●●		●●		

Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4792,019-W26-01-13	0.750	1.000	1.339	3.621	0.535	1	0.615	1 / 1	LDM . 08T204R SDM . 06T204
M4792,026-W26-01-13	1.000	1.000	1.693	3.974	0.524	1	0.725	1 / 1	LDM . 14T308R SDM . 09T308
M4792,031-W31-01-20	1.250	1.250	2.126	4.407	0.819	1	1.239	1 / 1	
M4792,038-W31-01-26	1.500	1.250	2.520	4.997	1.059	1	1.667	1 / 1	LDM . 1704 .. R SDM . 120408



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D 2

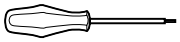
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

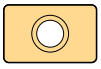
Assembly parts

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.664 lbs	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs

Accessories

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analog	FS2002	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT08T204R-D51	M	2	0.016	0.030	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-D57	M	2	0.016	0.030	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-F57	M	2	0.016	0.030	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMW08T204R-A57	M	2	0.016	0.030	😐	☹						😐	☹			
	LDMT14T308R-D51	M	2	0.031	0.047	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D57	M	2	0.031	0.047	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	LDMT14T308R-F57	M	2	0.031	0.047	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW14T308R-A57	M	2	0.031	0.047		☹							☹			
	LDMT170408R-D51	M	2	0.031	0.063		😐	😐	☹		☹			☹	☹		☹
	LDMT170408R-D57	M	2	0.031	0.063	☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	LDMT170408R-F57	M	2	0.031	0.063	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW170408R-A57	M	2	0.031	0.063		☹							☹			
	SDMT06T204-D51	M	4	0.016		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-D57	M	4	0.016		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-F57	M	4	0.016		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMW06T204-A57	M	4	0.016		😐	☹						😐	☹			
	SDMT09T308-D51	M	4	0.031		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT09T308-D57	M	4	0.031		☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	SDMT09T304-F57	M	4	0.016			😐	😐	☹		☹			☹	☹		☹
	SDMT09T308-F57	M	4	0.031		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW09T308-A57	M	4	0.031			☹							☹			
	SDMT120408-D51	M	4	0.031			😐	😐	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.031		☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	SDMT120408-F57	M	4	0.031		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW120408-A57	M	4	0.031			☹							☹			

HC = Coated carbide

D2

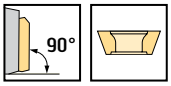
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

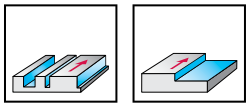
Helical milling cutters
M4256 / M4257 / M4258 mm





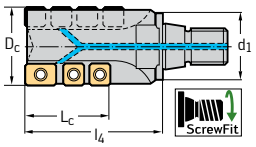
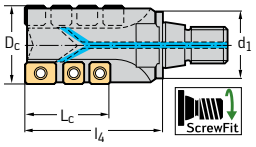
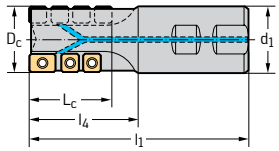
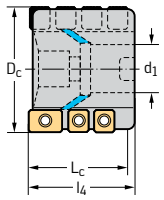


– Half effective design
– 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4256	●●	●●	●●		●●		
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M4256-025-T22-02-27	25	22	40		27	2	0.11	2 / 10	LDM . 08T204R SDM . 06T204
	M4256-032-T28-02-37	32	28	50		37	2	0.21	2 / 14	
 ScrewFit	M4257-040-T36-02-54	40	36	69		54	2	0.43	2 / 14	LDM . 14T308R SDM . 09T308
 DIN 1835 B	M4256-020-W20-01-27	20	20	35	86	27	1	0.18	1 / 5	LDM . 08T204R SDM . 06T204
	M4256-025-W25-02-27	25	25	40	97	27	2	0.31	2 / 10	
	M4256-032-W32-02-37	32	32	50	111	37	2	0.57	2 / 14	
	M4257-040-W40-02-54	40	40	69	140	54	2	1.06	2 / 14	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4257-050-B22-02-47	50	22	56		47	2	0.37	2 / 12	LDM . 14T308R SDM . 09T308
	M4257-063-B27-03-54	63	27	69		54	3	0.89	3 / 21	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see “Assembly parts and accessories/Miscellaneous” | Bodies and assembly parts are included in the scope of delivery

D 2

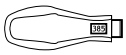
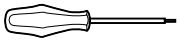
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

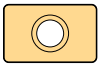
Assembly parts

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for arbor-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M16X090 ISO4762 12.9 (SW 14)
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT08T204R-D51	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-D57	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-F57	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMW08T204R-A57	M	2	0.4	0.8	😐	☹						😐	☹			
	LDMT14T308R-D51	M	2	0.8	1.2	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D57	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	LDMT14T308R-F57	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW14T308R-A57	M	2	0.8	1.2		☹							☹			
	LDMT170408R-D51	M	2	0.8	1.6		😐	😐	☹		☹			☹	☹		☹
	LDMT170412R-D51	M	2	1.2	1.6		😐		☹		☹			☹			☹
	LDMT170408R-D57	M	2	0.8	1.6	☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	LDMT170408R-F57	M	2	0.8	1.6	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW170408R-A57	M	2	0.8	1.6		☹							☹			
	SDMT06T204-D51	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-D57	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-F57	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMW06T204-A57	M	4	0.4		😐	☹						😐	☹			
	SDMT09T308-D51	M	4	0.8		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT09T308-D57	M	4	0.8		☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	SDMT09T308-F57	M	4	0.8		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW09T308-A57	M	4	0.8			☹							☹			
	SDMT120408-D51	M	4	0.8			😐	😐	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.8		☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	SDMT120408-F57	M	4	0.8		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW120408-A57	M	4	0.8			☹							☹			

HC = Coated carbide

D2

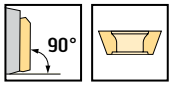
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

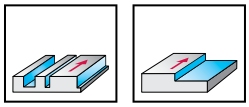
Helical milling cutters
M4256 / M4257 / M4258 mm





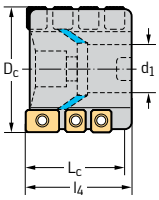


– Half effective design
– 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4256	●●	●●	●●		●●		
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4258-080-B32-03-67	80	32	80		67	3	1	3 / 18	LDM . 1704 .. R SDM . 120408
M4258-100-B40-04-77	100	40	80		77	4	2.39	4 / 28	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see "Assembly parts and accessories/Miscellaneous" | Bodies and assembly parts are included in the scope of delivery

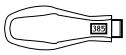
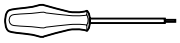
D 2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

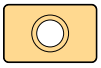
Assembly parts

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for arbor-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M16X090 ISO4762 12.9 (SW 14)
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT08T204R-D51	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-D57	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT08T204R-F57	M	2	0.4	0.8	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMW08T204R-A57	M	2	0.4	0.8	😐	☹						😐	☹			
	LDMT14T308R-D51	M	2	0.8	1.2	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D57	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	LDMT14T308R-F57	M	2	0.8	1.2	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW14T308R-A57	M	2	0.8	1.2		☹							☹			
	LDMT170408R-D51	M	2	0.8	1.6		😐	😐	☹		☹			☹	☹		☹
	LDMT170412R-D51	M	2	1.2	1.6		😐		☹		☹			☹			☹
	LDMT170408R-D57	M	2	0.8	1.6	☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	LDMT170408R-F57	M	2	0.8	1.6	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW170408R-A57	M	2	0.8	1.6		☹							☹			
	SDMT06T204-D51	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-D57	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT06T204-F57	M	4	0.4		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMW06T204-A57	M	4	0.4		😐	☹						😐	☹			
	SDMT09T308-D51	M	4	0.8		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT09T308-D57	M	4	0.8		☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	SDMT09T308-F57	M	4	0.8		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW09T308-A57	M	4	0.8			☹							☹			
	SDMT120408-D51	M	4	0.8			😐	😐	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.8		☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	SDMT120408-F57	M	4	0.8		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW120408-A57	M	4	0.8			☹							☹			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters
M4257 / M4258 inch

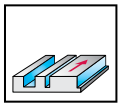


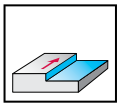


– Half effective design
– 2 or 4 cutting edges per indexable insert

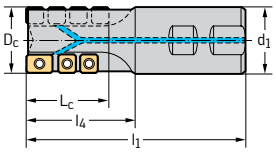
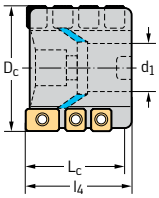
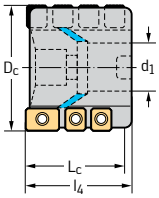








	P	M	K	N	S	H	O
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M4257,038-W38-02-54	1.500	1.500	2.750	5.438	2.126	2	2.044	2 / 14	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4257,051-B19-02-47	2.000	0.750	2.248		1.85	2	1.063	2 / 12	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4258,076-B31-03-67	3.000	1.250	3.150		2.638	3	2.945	3 / 18	LDM . 1704 .. R SDM . 120408
	M4258,102-B38-04-77	4.000	1.500	3.150		3.031	4	5.922	4 / 28	

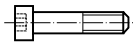
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see “Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D 2

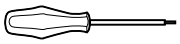
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

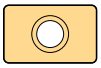
Assembly parts

	Type	LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools	FS1528	FS1520

Accessories

	Type	LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT14T308R-D51	M	2	0.031	0.047	☺	😐	😐	☹		☹		😐	☹	☹		☹
	LDMT14T308R-D57	M	2	0.031	0.047	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	LDMT14T308R-F57	M	2	0.031	0.047	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW14T308R-A57	M	2	0.031	0.047		☹							☹			
	LDMT170408R-D51	M	2	0.031	0.063		😐	😐	☹		☹			☹	☹		☹
	LDMT170412R-D51	M	2	0.047	0.063		😐		☹		☹			☹			☹
	LDMT170408R-D57	M	2	0.031	0.063	☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	LDMT170408R-F57	M	2	0.031	0.063	☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	LDMW170408R-A57	M	2	0.031	0.063		☹							☹			
	SDMT09T308-D51	M	4	0.031		☺	😐	😐	☹		☹		😐	☹	☹		☹
	SDMT09T308-D57	M	4	0.031		☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹
	SDMT09T308-F57	M	4	0.031		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW09T308-A57	M	4	0.031			☹							☹			
	SDMT120408-D51	M	4	0.031			😐	😐	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.031		☺	😐	😐	☹		☹	😐	😐	☹	☹		☹
	SDMT120408-F57	M	4	0.031		☺	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹
	SDMW120408-A57	M	4	0.031			☹							☹			

HC = Coated carbide

D 2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

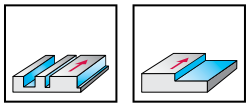
Helical milling cutters

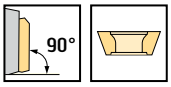
M4258 mm

LDM . 1704 .. R



– 2 or 4 cutting edges per indexable insert
– Half effective design with corner front piece

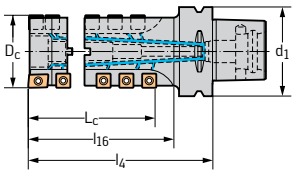




	P	M	K	N	S	H	O
M4258	●●	●●	●●		●●		

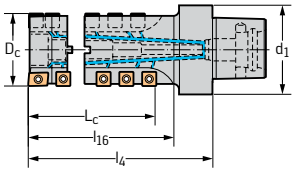
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
M4258-050-C6-02-75-M	50	63	110	88	77	2	1.3	2 / 14	LDM . 1704 .. R SDM . 120408
M4258-063-C8-02-96-M	63	80	150	115	98	2	3.41	2 / 18	



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
M4258-080-C8-03-116-M	80	80	150	150	118	3	3.9	3 / 33	LDM . 1704 .. R SDM . 120408



Walter Capto™ in acc. with ISO 26623

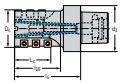
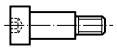
Body with 80 mm diameter: Adaptor without gripper groove | Bodies and assembly parts are included in the scope of delivery

D 2

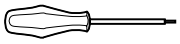
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

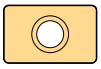
Assembly parts

	D_c [mm]	50	63	80
	Basic body	M4258-050-C6-02-50-B	M4258-063-C8-02-60-B	M4258-080-C8-03-80-B
	Porcupine milling cutter front piece	M4258-050-P20-02-25-F	M4258-063-P30-02-36-F	M4258-080-P40-03-36-F
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm	FS1453 (T15IP) 3.5 Nm	FS1453 (T15IP) 3.5 Nm
	Clamping screw for front piece Tightening torque	FS370 (SW 10) 40 Nm	FS373 (SW 12) 120 Nm	FS373 (SW 12) 120 Nm

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT170408R-D51	M	2	0.8	1.6		☺	☺	☹		☹			☹	☹		☹
	LDMT170412R-D51	M	2	1.2	1.6		☺		☹		☹			☹			☹
	LDMT170408R-D57	M	2	0.8	1.6	☻	☺	☺	☹		☹	☺	☺	☹	☹		☹
	LDMT170408R-F57	M	2	0.8	1.6	☻	☺	☺	☹	☺	☹		☺	☹	☹	☺	☹
	LDMW170408R-A57	M	2	0.8	1.6		☹							☹			
	SDMT120408-D51	M	4	0.8			☺	☺	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.8		☻	☺	☺	☹		☹	☺	☺	☹	☹		☹
	SDMT120408-F57	M	4	0.8		☻	☺	☺	☹	☺	☹		☺	☹	☹	☺	☹
	SDMW120408-A57	M	4	0.8			☹							☹			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

☻ ☺ ☹ / ★ = New addition to the product range

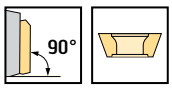
Helical milling cutter basic body

M4258 mm

SDM . 120408



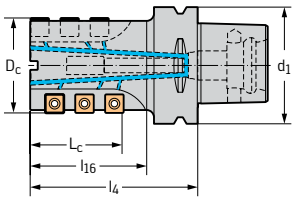
– 2 or 4 cutting edges per indexable insert
– Basic body for porcupine milling cutters



	P	M	K	N	S	H	O
M4258	●●	●●	●●		●●		

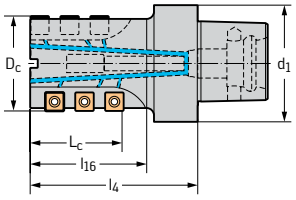
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
M4258-050-C6-02-50-B	50	63	85	62	52	2	1.16	10	SDM . 120408
M4258-063-C8-02-60-B	63	80	115	80	63	2	2.81	12	



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
M4258-080-C8-03-80-B	80	80	115	115	83	3	3.43	24	SDM . 120408



Walter Capto™ in acc. with ISO 26623

Body with 80 mm diameter: Adaptor without gripper groove | Bodies and assembly parts are included in the scope of delivery

D 2

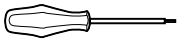
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SDM . 120408
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMT120408-D51	M	4	0.8	☺	😐	😐	☹			☹			😐	☹	☹			☹
	SDMT120408-D57	M	4	0.8	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	SDMT120408-F57	M	4	0.8	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	😐	☹	☹
	SDMW120408-A57	M	4	0.8	😐	☹	☹							😐	☹	☹			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

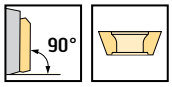
Helical milling cutter front piece

M4258 mm

LDM . 1704 .. R



– 2 or 4 cutting edges per indexable insert
– Half effective design with corner front piece



	P	M	K	N	S	H	O
M4258	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M4258-050-P20-02-25-F	50		25.1	25	2	0.14	2 / 4	LDM . 1704 .. R SDM . 120408
M4258-063-P30-02-36-F	63		35.1	35	2	0.4	2 / 6	
M4258-080-P40-03-36-F	80		35.1	35	3	0.62	3 / 9	

Bodies and assembly parts are included in the scope of delivery

D 2

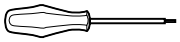
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

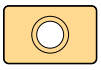
Assembly parts

	D_c [mm]	50–80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LDMT170408R-D51	M	2	0.8	1.6		☻	☻	☹		☹			☹	☹		☹
	LDMT170412R-D51	M	2	1.2	1.6		☻		☹		☹			☹			☹
	LDMT170408R-D57	M	2	0.8	1.6	☺	☻	☻	☹		☹	☻	☻	☹	☹		☹
	LDMT170408R-F57	M	2	0.8	1.6	☺	☻	☻	☹	☻	☹		☻	☹	☹	☻	☹
	LDMW170408R-A57	M	2	0.8	1.6		☹							☹			
	SDMT120408-D51	M	4	0.8			☻	☻	☹		☹			☹	☹		☹
	SDMT120408-D57	M	4	0.8		☺	☻	☻	☹		☹	☻	☻	☹	☹		☹
	SDMT120408-F57	M	4	0.8		☺	☻	☻	☹	☻	☹		☻	☹	☹	☻	☹
	SDMW120408-A57	M	4	0.8			☹							☹			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

☺ ☻ ☹ / ★ = New addition to the product range

Helical milling cutters

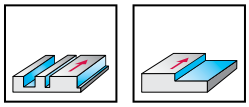
M3255 mm

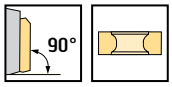
XNHX1306 .. R

Walter BLAXX



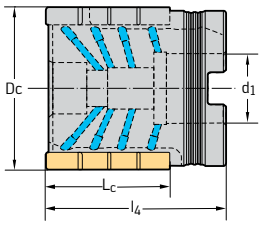
– Full effective design
– 2 or 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
M3255		●●			●●		

Tool



Shell mill mount DIN 138 transverse keyway

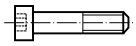
Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3255-050-B22-04-46	50	22	65	46	4	0.54	4 / 12	XNHX1306 .. R LNHX120604R
M3255-050-B22-05-46	50	22	65	46	5	0.53	5 / 15	
M3255-063-B27-05-46	63	27	70	46	5	0.99	5 / 15	
M3255-080-B32-05-58	80	32	85	58	5	1.99	5 / 20	

The FS2250 coolant nozzle must be secured to prevent it from coming loose. | Bodies and assembly parts are included in the scope of delivery

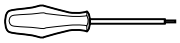
D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

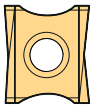
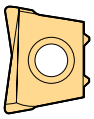
Assembly parts

	D_c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm
	Clamping screw for arbor-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X060 ISO4762 12.9 (SW 14)
	Coolant nozzle	FS2250 (SW 1.6)	FS2250 (SW 1.6)	FS2250 (SW 1.6)

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WSP45G	M HC WSM45X	M HC WSP45G	S HC WSM45X	S HC WSP45G
	LNHX120604R-L65T	H	4	0.4		☹	☹	☹	☹	☹
	LNHX120604R-L65W	H	4	0.4	1.5		☹		☹	
	XNHX130608R-L65T	H	2	0.8	2	☹	☹	☹	☹	☹
	XNHX130612R-L65T	H	2	1.2	2	☹	☹	☹	☹	☹
	XNHX130616R-L65T	H	2	1.6	2	☹	☹	☹	☹	☹
	XNHX130620R-L65T	H	2	2	2		☹		☹	
	XNHX130624R-L65T	H	2	2.4	2		☹		☹	
	XNHX130630R-L65T	H	2	3	1.4		☹		☹	
	XNHX130632R-L65T	H	2	3.2	1.3	☹	☹	☹	☹	☹
	XNHX130640R-L65T	H	2	4	0.5	☹	☹	☹	☹	☹
	XNHX130608R-L65W	H	2	0.8	2		☹		☹	
	XNHX130640R-L65W	H	2	4	0.5		☹		☹	

XNHX1306 . . indexable inserts can only be used as front inserts.

HC = Coated carbide

D2

WALTER SELECT — Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Helical milling cutters

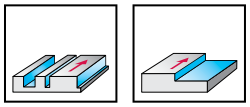
M3255 inch

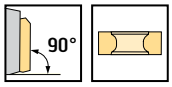
XNHX1306 .. R

Walter BLAXX



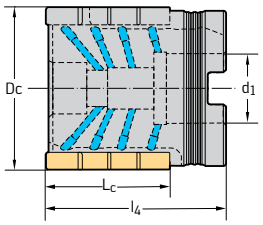
– Full effective design
– 2 or 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
M3255		●●			●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3255,051-B19-04-46	2.000	0.750	2.559	1.811	4	1.391	4 / 12	XNHX1306 .. R LNHX120604R
M3255,051-B19-05-46	2.000	0.750	2.559	1.811	5	1.113	5 / 15	
M3255,051-B26-04-57	2.000	1.000	3.375	2.244	4	1.828	4 / 16	
M3255,051-B26-05-57	2.000	1.000	3.375	2.244	5	1.836	5 / 20	
M3255,064-B26-06-46	2.500	1.000	2.756	1.811	6	2.288	6 / 18	
M3255,076-B31-05-80	3.000	1.250	4.250	3.150	5	5.348	5 / 30	
M3255,076-B31-06-58	3.000	1.250	3.346	2.283	6	4.262	6 / 24	
M3255,076-B31-06-80	3.000	1.250	4.250	3.150	6	5.165	6 / 36	

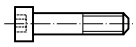
The FS2250 coolant nozzle must be secured to prevent it from coming loose. | Bodies and assembly parts are included in the scope of delivery

D2

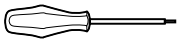
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

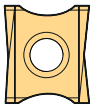
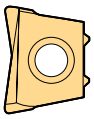
Assembly parts

	D_c [inch]	2	2.5	3
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 2.95 lbs	FS2299 (T15IP) 2.95 lbs	FS2299 (T15IP) 2.95 lbs
	Coolant nozzle	FS2250 (SW 1.6)	FS2250 (SW 1.6)	FS2250 (SW 1.6)
	Clamping screw for arbor-mounted tools	FS1528	FS1614	FS2599

Accessories

	D_c [inch]	2–3
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WSP45G	M HC WSM45X	M HC WSP45G	S HC WSM45X	S HC WSP45G
	LNHX120604R-L65T	H	4	0.016		☹	☹	☹	☹	☹
	LNHX120604R-L65W	H	4	0.016	0.059		☹		☹	
	XNHX130608R-L65T	H	2	0.031	0.079	☹	☹	☹	☹	☹
	XNHX130612R-L65T	H	2	0.047	0.079	☹	☹	☹	☹	☹
	XNHX130616R-L65T	H	2	0.063	0.079	☹	☹	☹	☹	☹
	XNHX130620R-L65T	H	2	0.079	0.079		☹		☹	
	XNHX130624R-L65T	H	2	0.094	0.079		☹		☹	
	XNHX130630R-L65T	H	2	0.118	0.055		☹		☹	
	XNHX130632R-L65T	H	2	0.126	0.051	☹	☹	☹	☹	☹
	XNHX130640R-L65T	H	2	0.157	0.020	☹	☹	☹	☹	☹
	XNHX130608R-L65W	H	2	0.031	0.079		☹		☹	
	XNHX130640R-L65W	H	2	0.157	0.020		☹		☹	

XNHX1306 . . indexable inserts can only be used as front inserts.

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

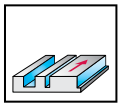
F2252 mm

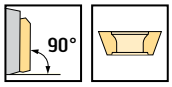
AD . T0803 .. R





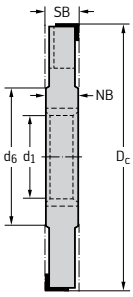
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





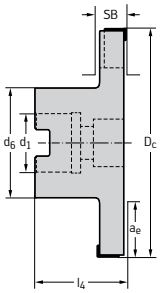
	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.100.Z04,12.S724	100	32	50	12	14	12	24	4	4 / 4	AD . T0803 .. R
F2252.B.100.Z04,14.S724	100	32	50	14	16	14	24	4	4 / 4	
F2252.B.125.Z05,12.S724	125	40	65	12	14	12	28	5	5 / 5	
F2252.B.125.Z05,14.S724	125	40	65	14	16	14	28	5	5 / 5	
F2252.B.160.Z06,12.S724	160	40	65	12	14	12	46	6	6 / 6	
F2252.B.160.Z06,14.S724	160	40	65	14	16	14	46	6	6 / 6	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.BN.100.Z04,12.S724	100	27	48	12	14		24	4	4 / 4	AD . T0803 .. R
F2252.BN.100.Z04,14.S724	100	27	48	14	16		24	4	4 / 4	
F2252.BN.125.Z05,12.S724	125	32	60	12	14		30	5	5 / 5	
F2252.BN.125.Z05,14.S724	125	32	60	14	16		30	5	5 / 5	
F2252.BN.160.Z06,12.S724	160	40	75	12	14		40	6	6 / 6	
F2252.BN.160.Z06,14.S724	160	40	75	14	16		40	6	6 / 6	

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

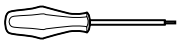
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

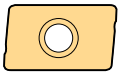
Assembly parts

	Type	AD . T0803 .. R
	Cartridge for right tool body	FR724
	Cartridge for left tool body	FL724
	Clamping wedge	FK360
	Clamping sleeve	FS1167
	Eccentric bolt	FS1170 (SW 3)
	Spring washer	FS1220
	Clamping screw for clamping wedge Tightening torque	FS239 (SW 3) 6.5 Nm
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	Type	AD . T0803 .. R
	Clamping screw for finishing insert	FS246 (T8) 1.5 Nm
	Cartridge: Right, P2905-. finish insert	FR695
	Cartridge: Left, P2905-. finish insert	FL695
	Screwdriver	FS1483 (T8IP) / FS230 (T8)
	Screwdriver	ISO2936-3 (SW 3)
	Keys	FS2001 / FS2003
	Torque screwdriver, analog	FS2248
	Torque screwdriver, analog	FS2041
	Torque screwdriver, digital	FS2007 (T8) / FS2012 (T8IP) / FS2050 (SW 3)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSP45G
	ADHT0803PEL-G88	H	2	0.4	1.2							☺	
	ADHT0803PER-G88	H	2	0.4	1.2							☺	
	ADKT0803PEL-F56	K	2	0.4	1.2		😐	☹	☹		☹		☹
	ADKT0803PER-F56	K	2	0.4	1.2		😐	☹	☹		☹		☹
	ADMT080304L-F56	M	2	0.4	1.2	😐	😐	☹	☹	☹	☹		☹
	ADMT080304R-F56	M	2	0.4	1.2	😐	😐	☹	☹	☹	☹		☹
	ADMT080308L-F56	M	2	0.8	1.2		😐	☹	☹		☹		☹
	ADMT080308R-F56	M	2	0.8	1.2		😐	☹	☹		☹		☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

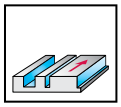
F2252 mm

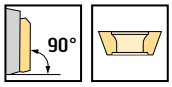
AD . T1204 .. R





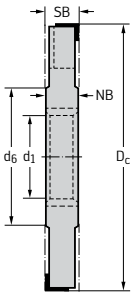
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





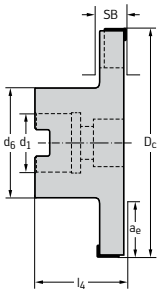
	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.125.Z04,16.S725	125	40	65	16	19	16	28	4	4 / 4	AD . T1204 .. R
F2252.B.125.Z04,19.S725	125	40	65	19	22	19	28	4	4 / 4	
F2252.B.160.Z05,16.S725	160	40	65	16	19	16	46	5	5 / 5	
F2252.B.160.Z05,19.S725	160	40	65	19	22	19	46	5	5 / 5	
F2252.B.200.Z06,16.S725	200	50	75	16	19	16	61	6	6 / 6	
F2252.B.200.Z06,19.S725	200	50	75	19	22	19	61	6	6 / 6	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.BN.125.Z04,16.S725	125	32	60	16	19		30	4	4 / 4	AD . T1204 .. R
F2252.BN.125.Z04,19.S725	125	32	60	19	22		30	4	4 / 4	
F2252.BN.160.Z05,16.S725	160	40	75	16	19		40	5	5 / 5	
F2252.BN.160.Z05,19.S725	160	40	75	19	22		40	5	5 / 5	
F2252.BN.200.Z06,16.S725	200	40	90	16	19		50	6	6 / 6	
F2252.BN.200.Z06,19.S725	200	40	90	19	22		50	6	6 / 6	

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

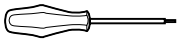
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

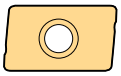
Assembly parts

	Type	AD . T1204 .. R
	Cartridge for right tool body	FR725
	Cartridge for left tool body	FL725
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 4)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	Type	AD . T1204 .. R
	Clamping screw for finishing insert	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert	FR696
	Cartridge: Left, P2905-. finish insert	FL696
	Screwdriver	FS1484 (T9IP) / FS228 (T20)
	Screwdriver	ISO2936-2.5 (SW 2.5) / ISO2936-4 (SW 4)
	Keys	FS2003
	Keys	FS2248
	Torque screwdriver, analog	FS2041
	Torque screwdriver, digital	SD2000-2.5 SW (SW 2.5) / FS2051 (SW 4) / FS2013 (T9IP) / FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSP45G
	ADHT120416L-G88	H	2	1.6	1							☺	
	ADHT120416R-G88	H	2	1.6	1							☺	
	ADHT120430L-G88	H	2	3	0.8							☺	
	ADHT1204PEL-G88	H	2	0.8	1.2							☺	
	ADHT1204PER-G88	H	2	0.8	1.2							☺	
	ADKT1204PEL-F56	K	2	0.8	1.2		😐	☹	☹		☹		☹
	ADKT1204PER-F56	K	2	0.8	1.2		😐	☹	☹		☹		☹
	ADMT120408L-F56	M	2	0.8	1.2	😐	😐	☹	☹	☹	☹		☹
	ADMT120408R-F56	M	2	0.8	1.2	😐	😐	☹	☹	☹	☹		☹
	ADMT120416L-F56	M	2	1.6	1	😐	😐	☹	☹	☹	☹		☹
	ADMT120416R-F56	M	2	1.6	1	😐	😐	☹	☹	☹	☹		☹
	ADMT120425L-F56	M	2	2.5	0.8		😐	☹	☹		☹		☹
	ADMT120425R-F56	M	2	2.5	0.8		😐	☹	☹		☹		☹
	ADMT120430L-F56	M	2	3	0.8		😐	☹	☹		☹		☹
	ADMT120430R-F56	M	2	3	0.8		😐	☹	☹		☹		☹
	ADMT120440L-F56	M	2	4	0.4	😐		☹	☹	☹			☹
	ADMT120440R-F56	M	2	4	0.4	😐		☹	☹	☹			☹

HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

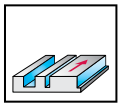
F2252 mm

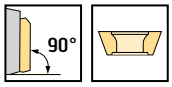
AD . T1606 .. R





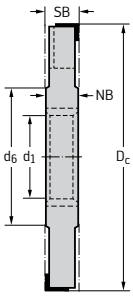
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





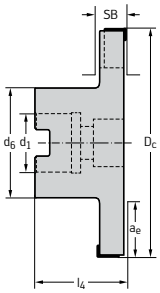
	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.125.Z04,22.S726	125	40	65	22	25	22	28	4	4 / 4	AD . T1606 .. R
F2252.B.160.Z05,22.S726	160	40	65	22	25	22	46	5	5 / 5	
F2252.B.200.Z06,22.S726	200	50	75	22	25	22	61	6	6 / 6	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.BN.125.Z04,22.S726	125	32	60	22	25		30	4	4 / 4	AD . T1606 .. R
F2252.BN.160.Z05,22.S726	160	40	75	22	25		40	5	5 / 5	
F2252.BN.200.Z06,22.S726	200	40	90	22	25		50	6	6 / 6	

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

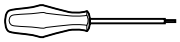
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

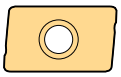
Assembly parts

	Type	AD . T1606 .. R
	Cartridge for right tool body	FR726
	Cartridge for left tool body	FL726
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 4)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	AD . T1606 .. R
	Clamping screw for finishing insert	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert	FR696
	Cartridge: Left, P2905-. finish insert	FL696
	Screwdriver	FS1485 (T15IP) / FS228 (T20)
	Screwdriver	ISO2936-2.5 (SW 2.5) / ISO2936-4 (SW 4)
	Keys	FS2003
	Keys	FS2248
	Torque screwdriver, analog	FS2041
	Torque screwdriver, digital	SD2000-2.5 SW (SW 2.5) / FS2051 (SW 4) / FS2014 (T15IP) / FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSP45G
	ADHT160616L-G88	H	2	1.6	1.4							☺	
	ADHT160616R-G88	H	2	1.6	1.4							☺	
	ADHT1606PEL-G88	H	2	0.8	1.6							☺	
	ADHT1606PER-G88	H	2	0.8	1.6							☺	
	ADKT1606PEL-F56	K	2	0.8	1.6		😐	☹	☹		☹		☹
	ADKT1606PER-F56	K	2	0.8	1.6		😐	☹	☹		☹		☹
	ADMT160608L-F56	M	2	0.8	1.6	😐	😐	☹	☹	☹	☹		☹
	ADMT160608R-F56	M	2	0.8	1.6	😐	😐	☹	☹	☹	☹		☹
	ADMT160616L-F56	M	2	1.6	1.4	😐	😐	☹	☹	☹	☹		☹
	ADMT160616R-F56	M	2	1.6	1.4	😐	😐	☹	☹	☹	☹		☹
	ADMT160625L-F56	M	2	2.5	1.2	😐		☹	☹	☹			☹
	ADMT160625R-F56	M	2	2.5	1.2	😐		☹	☹	☹			☹
	ADMT160630L-F56	M	2	3	1.2	😐	😐	☹	☹	☹	☹		☹
	ADMT160630R-F56	M	2	3	1.2	😐	😐	☹	☹	☹	☹		☹
	ADMT160640L-F56	M	2	4	1	😐	😐	☹	☹	☹	☹		☹
	ADMT160640R-F56	M	2	4	1	😐	😐	☹	☹	☹	☹		☹

HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

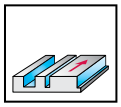
☺ 😐 ☹ / ★ = New addition to the product range

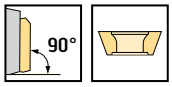
Slotting cutters for slot milling

F2252 mm



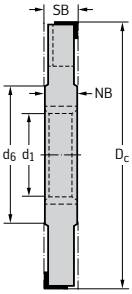
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.080.Z03,08.S684	80	22	37	8	9	8	20	3	3 / 3	MP . X060304
F2252.B.080.Z03,09.S684	80	22	37	9	10	9	20	3	3 / 3	
F2252.B.100.Z04,08.S684	100	32	50	8	9	8	24	4	4 / 4	
F2252.B.100.Z04,09.S684	100	32	50	9	10	9	24	4	4 / 4	
F2252.B.100.Z04,10.S685	100	32	50	10	12	10	24	4	4 / 4	MP . X080305
F2252.B.100.Z04,12.S685	100	32	50	12	14	12	24	4	4 / 4	
F2252.B.100.Z04,14.S685	100	32	50	14	16	14	24	4	4 / 4	
F2252.B.125.Z05,08.S684	125	40	65	8	9	8	28	5	5 / 5	MP . X060304
F2252.B.125.Z05,09.S684	125	40	65	9	10	9	28	5	5 / 5	
F2252.B.125.Z05,10.S685	125	40	65	10	12	10	28	5	5 / 5	MP . X080305
F2252.B.125.Z05,12.S685	125	40	65	12	14	12	28	5	5 / 5	
F2252.B.125.Z05,14.S685	125	40	65	14	16	14	28	5	5 / 5	
F2252.B.125.Z04,16.S686	125	40	65	16	19	16	28	4	4 / 4	MP .. 120408
F2252.B.125.Z04,19.S686	125	40	65	19	22	19	28	4	4 / 4	
F2252.B.125.Z04,22.S686	125	40	65	22	23.5	22	28	4	4 / 4	
F2252.B.160.Z06,08.S684	160	40	65	8	9	8	46	6	6 / 6	MP . X060304
F2252.B.160.Z06,09.S684	160	40	65	9	10	9	46	6	6 / 6	
F2252.B.160.Z06,10.S685	160	40	65	10	12	10	46	6	6 / 6	MP . X080305
F2252.B.160.Z06,12.S685	160	40	65	12	14	12	46	6	6 / 6	
F2252.B.160.Z06,14.S685	160	40	65	14	16	14	46	6	6 / 6	
F2252.B.160.Z05,16.S686	160	40	65	16	19	16	46	5	5 / 5	MP .. 120408
F2252.B.160.Z05,19.S686	160	40	65	19	22	19	46	5	5 / 5	
F2252.B.160.Z05,22.S686	160	40	65	22	23.5	22	46	5	5 / 5	
F2252.B.200.Z06,16.S686	200	50	75	16	19	16	61	6	6 / 6	

Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

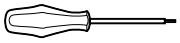
D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	Type	MP . X060304	MP . X080305	MP .. 120408
	Cartridge for right tool body	FR684	FR685	FR686
	Cartridge for left tool body	FL684	FL685	FL686
	Clamping wedge	FK358	FK360	FK359
	Clamping sleeve	FS1166	FS1167	FS1168
	Eccentric bolt	FS1169 (SW 2.5)	FS1170 (SW 3)	FS1171 (SW 4)
	Spring washer	FS1220	FS1220	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1161 (SW 2.5) 3.5 Nm	FS239 (SW 3) 6.5 Nm	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 0.8 Nm	FS1005 (T8) 1.5 Nm	FS1029 (T20) 5 Nm

Accessories

	Type	MP . X060304	MP . X080305	MP .. 120408
	Clamping screw for finishing insert		FS246 (T8) 1.5 Nm	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert		FR695	FR696
	Cartridge: Left, P2905-. finish insert		FL695	FL696
	Screwdriver	FS230 (T8)	FS230 (T8)	FS228 (T20)
	Keys	ISO2936-2.5 (SW 2.5)	ISO2936-3 (SW 3)	ISO2936-4 (SW 4)
	Torque screwdriver, analog	FS2001		
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Torque T-handle		FS2041	FS2041
	Interchangeable blade	FS2007 (T8) SD2000-2.5 SW (SW 2.5)	FS2007 (T8) FS2050 (SW 3)	FS2044 (T20) FS2051 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	S HC WSM35G	S HC WSP45G	H HC WHH15X
	MPHX060304-A57	H	2	0.4			☺		☹										☺		☹						
	MPHX060304-G88	H	2	0.4																				☺			
	MPMX060304-F57	M	2	0.4				☺	☺		☹			☺	☹					☹	☹				☺	☹	
	MPHX080305-A57	H	2	0.5			☺		☹										☺		☹						
	MPHX080305-G88	H	2	0.5																				☺			
	MPMX080305-F57	M	2	0.5				☺	☺		☹			☺	☹					☹	☹				☺	☹	
	MPHT120408-G88	H	2	0.8																				☺			
	MPHW120408-A57	H	2	0.8			☺		☹										☺		☹						
	MPMT120408-F57	M	2	0.8				☺	☺		☹			☺	☹					☹	☹				☺	☹	
	P2905-1	F	4	0.8	10	☺				☹		☺	☹			☺	☺	☺				☹	☹				☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☹

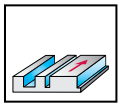
☺ ☺ ☹ / ★ = New addition to the product range

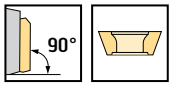
Slotting cutters for slot milling

F2252 mm



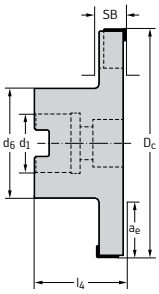
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	a_e mm	Z	No. of inserts	Type
F2252.BN.080.Z03,08.S684	80	22	35	8	9	20	3	3 / 3	MP . X060304
F2252.BN.080.Z03,09.S684	80	22	35	9	10	20	3	3 / 3	
F2252.BN.100.Z04,08.S684	100	27	48	8	9	24	4	4 / 4	
F2252.BN.100.Z04,09.S684	100	27	48	9	10	24	4	4 / 4	
F2252.BN.100.Z04,10.S685	100	27	48	10	12	24	4	4 / 4	MP . X080305
F2252.BN.100.Z04,12.S685	100	27	48	12	14	24	4	4 / 4	
F2252.BN.125.Z05,08.S684	125	32	60	8	9	30	5	5 / 5	MP . X060304
F2252.BN.125.Z05,09.S684	125	32	60	9	10	30	5	5 / 5	
F2252.BN.125.Z05,10.S685	125	32	60	10	12	30	5	5 / 5	MP . X080305
F2252.BN.125.Z05,12.S685	125	32	60	12	14	30	5	5 / 5	
F2252.BN.125.Z05,14.S685	125	32	60	14	16	30	5	5 / 5	
F2252.BN.125.Z04,16.S686	125	32	60	16	19	30	4	4 / 4	MP .. 120408
F2252.BN.125.Z04,19.S686	125	32	60	19	22	30	4	4 / 4	
F2252.BN.125.Z04,22.S686	125	32	60	22	23.5	30	4	4 / 4	
F2252.BN.160.Z06,08.S684	160	40	75	8	9	40	6	6 / 6	MP . X060304
F2252.BN.160.Z06,09.S684	160	40	75	9	10	40	6	6 / 6	
F2252.BN.160.Z06,10.S685	160	40	75	10	12	40	6	6 / 6	MP . X080305
F2252.BN.160.Z06,12.S685	160	40	75	12	14	40	6	6 / 6	
F2252.BN.160.Z06,14.S685	160	40	75	14	16	40	6	6 / 6	
F2252.BN.160.Z05,16.S686	160	40	75	16	19	40	5	5 / 5	MP .. 120408
F2252.BN.160.Z05,19.S686	160	40	75	19	22	40	5	5 / 5	
F2252.BN.160.Z05,22.S686	160	40	75	22	23.5	40	5	5 / 5	
F2252.BN.200.Z06,16.S686	200	40	90	16	19	50	6	6 / 6	
F2252.BN.200.Z06,19.S686	200	40	90	19	22	50	6	6 / 6	
F2252.BN.200.Z06,22.S686	200	40	90	22	23.5	50	6	6 / 6	

Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

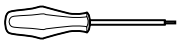
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	MP . X060304	MP . X080305	MP .. 120408
	Cartridge for right tool body	FR684	FR685	FR686
	Cartridge for left tool body	FL684	FL685	FL686
	Clamping wedge	FK358	FK360	FK359
	Clamping sleeve	FS1166	FS1167	FS1168
	Eccentric bolt	FS1169 (SW 2.5)	FS1170 (SW 3)	FS1171 (SW 4)
	Spring washer	FS1220	FS1220	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1161 (SW 2.5) 3.5 Nm	FS239 (SW 3) 6.5 Nm	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 0.8 Nm	FS1005 (T8) 1.5 Nm	FS1029 (T20) 5 Nm

Accessories

	Type	MP . X060304	MP . X080305	MP .. 120408
	Clamping screw for finishing insert		FS246 (T8) 1.5 Nm	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert		FR695	FR696
	Cartridge: Left, P2905-. finish insert		FL695	FL696
	Screwdriver	FS230 (T8)	FS230 (T8)	FS228 (T20)
	Keys	ISO2936-2.5 (SW 2.5)	ISO2936-3 (SW 3)	ISO2936-4 (SW 4)
	Torque screwdriver, analog	FS2001 / FS2003	FS2003	FS2003
	Torque screwdriver, analog	FS2248	FS2248	FS2248
	Torque screwdriver, digital		FS2041	FS2041
	Torque T-handle	FS2007 (T8) SD2000-2.5 SW (SW 2.5)	FS2007 (T8) FS2050 (SW 3)	FS2044 (T20) FS2051 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WSP45G	P HC WXM15	M HC WPM15G	M HC WSM35G	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WXM15	N HC WXN15	S HC WSM35G	S HC WSP45G	H HC WHH15X
	MPHX060304-A57	H	2	0.4			☺		☹										☺		☹						
	MPHX060304-G88	H	2	0.4																				☺			
	MPMX060304-F57	M	2	0.4				☺	☺		☹			☺	☹					☹	☹				☺	☹	
	MPHX080305-A57	H	2	0.5			☺		☹										☺		☹						
	MPHX080305-G88	H	2	0.5																				☺			
	MPMX080305-F57	M	2	0.5				☺	☺		☹			☺	☹					☹	☹				☺	☹	
	MPHT120408-G88	H	2	0.8																				☺			
	MPHW120408-A57	H	2	0.8			☺		☹										☺		☹						
	MPMT120408-F57	M	2	0.8				☺	☺		☹			☺	☹					☹	☹				☺	☹	
	P2905-1	F	4	0.8	10	☺				☺		☺	☺			☺	☺	☺				☺	☺				☺

HC = Coated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☹

☺ ☺ ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

F4053 mm

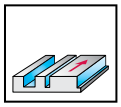
LN . X070204

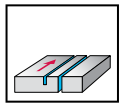
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2 + 2 cutting edges per indexable insert, tangential arrangement





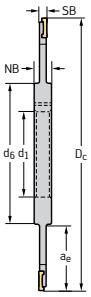




	P	M	K	N	S	H	O
F4053	●●	●●	●●		●●		

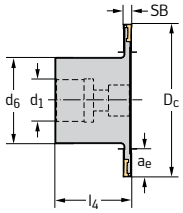
Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4053.B27,080.Z04,04	80	27	42	8		4	18	4	8	0.17	LN . X070204
F4053.B32,100.Z05,04	100	32	50	8		4	24	5	10	0.26	
F4053.B40,125.Z06,04	125	40	65	8		4	29	6	12	0.4	
F4053.B40,160.Z08,04	160	40	65	8		4	46	8	16	0.71	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4053.BN22,080.Z04,04R	80	22	45		40	4	16	4	8	0.54	LN . X070204
F4053.BN27,100.Z05,04R	100	27	48		50	4	24	5	10	0.71	
F4053.BN32,125.Z06,04R	125	32	60		50	4	30	6	12	1.12	
F4053.BN40,160.Z08,04R	160	40	75		50	4	40	8	16	1.58	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

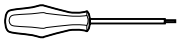
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Dc [mm] SB [mm]	80–160 4
	Clamping screw for indexable insert Tightening torque	FS2076 (T6IP) 0.6 Nm

Accessories

	Dc [mm] SB [mm]	80–160 4
	Torque screwdriver, analog	FS2001
	Interchangeable blade	FS2085 (T6IP)
	Screwdriver	FS2086 (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	LNHX070204-F57T	H	4	0.4	☻	☹	☻	☹	☹	☻	☹
	LNMX070204-F57T	M	4	0.4	☻		☻		☹	☻	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☹

☻ ☻ ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

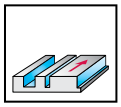
F4153 mm

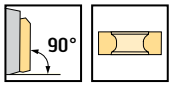
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2 + 2 cutting edges per indexable insert, tangential arrangement

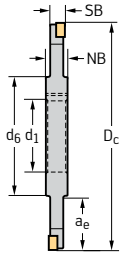




	P	M	K	N	S	H	O
F4153	●●	●●	●●		●●		

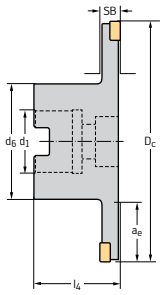
Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4153.B27,080.Z04,06	80	27	42	12		6	18	4	8	0.24	LN . U080304
F4153.B32,100.Z05,06	100	32	50	12		6	24	5	10	0.36	
F4153.B40,125.Z06,06	125	40	65	12		6	29	6	12	0.59	
F4153.B40,160.Z08,06	160	40	65	12		6	46	8	16	1.02	
F4153.B50,200.Z09,06	200	50	75	12		6	61	9	18	2.67	
F4153.B27,080.Z04,08	80	27	42	12		8	18	4	8	0.27	LN . U080404
F4153.B32,100.Z05,08	100	32	50	12		8	24	5	10	0.43	
F4153.B40,125.Z06,08	125	40	65	12		8	29	6	12	0.66	
F4153.B40,160.Z08,08	160	40	65	12		8	46	8	16	1.21	
F4153.B50,200.Z09,08	200	50	75	12		8	61	9	18	3.11	
F4153.B27,080.Z04,10	80	27	42	12		10	18	4	8	0.3	LN . U100508
F4153.B32,100.Z05,10	100	32	50	12		10	24	5	10	0.45	
F4153.B40,125.Z06,10	125	40	65	12		10	29	6	12	0.75	
F4153.B40,160.Z07,10	160	40	65	12		10	46	7	14	1.32	
F4153.B50,200.Z08,10	200	50	75	12		10	61	8	16	3.32	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4153.BN22,080.Z04,06R	80	22	45		40	6	16	4	8	0.55	LN . U080304
F4153.BN27,100.Z05,06R	100	27	48		50	6	25	5	10	0.78	
F4153.BN32,125.Z06,06R	125	32	60		50	6	30	6	12	1.23	
F4153.BN40,160.Z08,06R	160	40	75		50	6	40	8	16	1.77	
F4153.BN40,200.Z09,06R	200	40	90		50	6	50	9	18	3.83	
F4153.BN22,080.Z04,08R	80	22	45		40	8	16	4	8	0.58	LN . U080404
F4153.BN27,100.Z05,08R	100	27	48		50	8	25	5	10	0.8	
F4153.BN32,125.Z06,08R	125	32	60		50	8	30	6	12	1.33	
F4153.BN40,160.Z08,08R	160	40	75		50	8	40	8	16	1.98	
F4153.BN40,200.Z09,08R	200	40	90		50	8	50	9	18	2.6	
F4153.BN22,080.Z04,10R	80	22	45		40	10	16	4	8	0.58	LN . U100508
F4153.BN27,100.Z05,10R	100	27	48		50	10	25	5	10	0.87	
F4153.BN32,125.Z06,10R	125	32	60		50	10	30	6	12	1.41	
F4153.BN40,160.Z07,10R	160	40	75		50	10	40	7	14	2.07	
F4153.BN40,200.Z08,10R	200	40	90		50	10	50	8	16	4.44	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

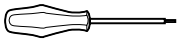
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Dc [mm] SB [mm]	80–200 6	80–200 8	80–200 10
	Clamping screw for indexable insert Tightening torque	FS2077 (T9IP) 1.5 Nm	FS2078 (T9IP) 1.5 Nm	FS2080 (T15IP) 2.5 Nm

Accessories

	Dc [mm] SB [mm]	80–200 6–8	80–200 10
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	LNHU080304-B57T	H	4	0.4		☹	☹					😐	😐		☹	☹			
	LNHU080304-F57T	H	4	0.4	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU080304-F57T	M	4	0.4		😐	😐	☹	😐	😐	☹				☹	☹	😐	😐	☹
	LNHU080404-B57T	H	4	0.4		☹	☹					😐	😐		☹	☹			
	LNHU080404-F57T	H	4	0.4	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU080404-F57T	M	4	0.4	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNMU080404-B57T	M	4	0.4			☹									☹			
	LNHU100508-B57T	H	4	0.8		☹	☹					😐	😐		☹	☹			
	LNHU100508-F57T	H	4	0.8	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU100508-F57T	M	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNMU100508-B57T	M	4	0.8			☹					😐	😐			☹			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

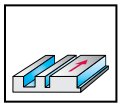
Slotting cutters for slot milling

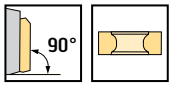
F4153 inch

Xtra·tec®



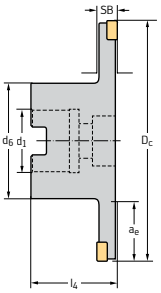
– Cross-toothed, cuts on three sides
– 2 + 2 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F4153	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	d_6 inch	l_4 inch	SB inch	a_e inch	Z	No. of inserts	lbs	Type
F4153.UBN19,076.Z04,06R	3.000	0.750	1.750	1.500	0.250	0.531	4	8	1.21	LN . U080304
F4153.UBN26,102.Z05,06R	4.000	1.000	1.876	2.000	0.250	0.965	5	10	1.856	
F4153.UBN38,152.Z08,06R	6.000	1.500	3.000	2.000	0.250	1.378	8	16	4.012	
F4153.UBN19,076.Z04,08R	3.000	0.750	1.750	1.500	0.313	0.531	4	8	0.926	LN . U080404
F4153.UBN26,102.Z05,08R	4.000	1.000	1.876	2.000	0.313	0.965	5	10	1.94	
F4153.UBN19,076.Z04,10R	3.000	0.750	1.750	1.500	0.375	0.531	4	8	1.241	LN . U100508

Bodies and assembly parts are included in the scope of delivery

D 2

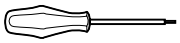
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Dc [inch] SB [inch]	3 0.25	3 0.313	3 0.375	4 0.25	4 0.313	6 0.25
	Clamping screw for indexable insert Tightening torque	FS2077 (T9IP) 1.106 lbs	FS2078 (T9IP) 1.106 lbs	FS2080 (T15IP) 1.844 lbs	FS2077 (T9IP) 1.106 lbs	FS2078 (T9IP) 1.106 lbs	FS2077 (T9IP) 1.106 lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1518	FS1518	FS1519	FS1519	FS1583

Accessories

	Dc [inch] SB [inch]	3–6 0.25–0.313	3 0.375
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	LNHU080304-B57T	H	4	0.016		☻	☻					☻	☻		☻	☻			
	LNHU080304-F57T	H	4	0.016	☺	☻	☻	☻	☻		☻			☻	☻	☻	☻		☻
	LNMU080304-F57T	M	4	0.016		☻	☻	☻	☻	☻	☻				☻	☻	☻	☻	☻
	LNHU080404-B57T	H	4	0.016		☻	☻					☻	☻		☻	☻			
	LNHU080404-F57T	H	4	0.016	☺	☻	☻	☻	☻		☻			☻	☻	☻	☻		☻
	LNMU080404-F57T	M	4	0.016	☺	☻	☻	☻	☻	☻	☻			☻	☻	☻	☻	☻	☻
	LNMU080404-B57T	M	4	0.016			☻									☻			
	LNHU100508-B57T	H	4	0.031		☻	☻					☻	☻		☻	☻			
	LNHU100508-F57T	H	4	0.031	☺	☻	☻	☻	☻		☻			☻	☻	☻	☻		☻
	LNMU100508-F57T	M	4	0.031	☺	☻	☻	☻	☻	☻	☻			☻	☻	☻	☻	☻	☻
	LNMU100508-B57T	M	4	0.031			☻					☻	☻			☻			

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

☺ ☻ ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

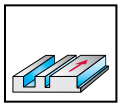
F4253 mm

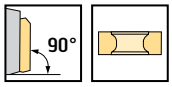
Xtra·tec®





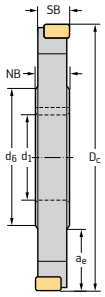
– Cross-toothed, cuts on three sides
– 2+2 cutting edges per indexable insert, adjustable runout





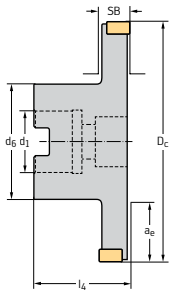
	P	M	K	N	S	H	O
F4253	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4253.B32,100.Z05,12	100	32	50	12		12	24	5	10	0.57	LN . U080404
F4253.B40,125.Z06,12	125	40	65	12		12	29	6	12	0.9	
F4253.B40,160.Z07,12	160	40	65	12		12	46	7	14	1.33	
F4253.B50,200.Z08,12	200	50	75	12		12	61	8	16	3.8	
F4253.B32,100.Z05,14	100	32	50	14		14	24	5	10	0.66	
F4253.B40,125.Z06,14	125	40	65	14		14	29	6	12	0.93	
F4253.B40,160.Z07,14	160	40	65	14		14	46	7	14	1.85	
F4253.B50,200.Z08,14	200	50	75	14		14	61	8	16	4.32	
F4253.B40,125.Z05,16	125	40	65	16		16	29	5	10	1.11	LN . U100508
F4253.B40,160.Z06,16	160	40	65	16		16	46	6	12	2.03	
F4253.B50,200.Z07,16	200	50	75	16		16	61	7	14	4.4	
F4253.B40,160.Z06,20	160	40	65	20		20	46	6	12	2.5	LN . U120608
F4253.B50,200.Z07,20	200	50	75	20		20	61	7	14	5.17	
F4253.B60,250.Z08,20	250	60	90	20		20	78	8	16	7.3	
F4253.B40,160.Z06,25	160	40	65	25		25	46	6	12	2.77	LN . U160812
F4253.B50,200.Z07,25	200	50	75	25		25	61	7	14	6.07	
F4253.B60,250.Z08,25	250	60	90	25		25	78	8	16	8.82	
F4253.B60,315.Z10,25	315	60	90	25		25	110	10	20	13.5	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4253.BN27,100.Z05,12R	100	27	48		50	12	24	5	10	1	LN . U080404
F4253.BN32,125.Z06,12R	125	32	60		50	12	30	6	12	1.57	
F4253.BN40,160.Z07,12R	160	40	75		50	12	40	7	14	2.36	
F4253.BN40,200.Z08,12R	200	40	90		50	12	50	8	16	4.91	
F4253.BN27,100.Z05,14R	100	27	48		50	14	24	5	10	1.07	
F4253.BN32,125.Z06,14R	125	32	60		50	14	30	6	12	1.69	
F4253.BN40,160.Z07,14R	160	40	75		50	14	40	7	14	2.57	
F4253.BN40,200.Z08,14R	200	40	90		50	14	50	8	16	5.15	
F4253.BN32,125.Z05,16R	125	32	60		50	16	30	5	10	1.76	LN . U100508
F4253.BN40,160.Z06,16R	160	40	75		50	16	40	6	12	2.71	
F4253.BN40,200.Z07,16R	200	40	90		50	16	50	7	14	5.44	
F4253.BN40,160.Z06,20R	160	40	75		50	20	40	6	12	2.79	LN . U120608
F4253.BN40,200.Z07,20R	200	40	90		50	20	50	7	14	5.92	
F4253.BN60,250.Z08,20R	250	60	135		50	20	55	8	16	9.35	
F4253.BN40,160.Z06,25R	160	40	75		50	25	40	6	12	3.42	LN . U160812
F4253.BN40,200.Z07,25R	200	40	90		50	25	50	7	14	6.64	
F4253.BN60,250.Z08,25R	250	60	135		50	25	55	8	16	10.37	

Bodies and assembly parts are included in the scope of delivery

D2

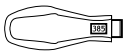
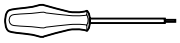
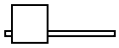
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Dc [mm] SB [mm]	100–200 12–14	125–200 16	160–250 20	160–315 25
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm	FS1453 (T15IP) 3.5 Nm	FS2081 (T15IP) 4 Nm	FS2112 (T20IP) 5 Nm
	Adjusting screw for runout	FS2082 (T6IP)	FS2083 (T7IP)	FS2083 (T7IP)	FS2113 (T9IP)

Accessories

	Dc [mm] SB [mm]	100–200 12–14	125–250 16–20	160–315 25
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver for indexable insert	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)
	Key for adjusting screw	FS2146 (T6IP)	FS1490 (T7IP)	FS1466 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	LNHU080404-B57T	H	4	0.4		☹	☹					😐	😐		☹	☹			
	LNHU080404-F57T	H	4	0.4	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU080404-B57T	M	4	0.4			☹									☹			
	LNMU080404-F57T	M	4	0.4	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNHU100508-B57T	H	4	0.8		☹	☹					😐	😐		☹	☹			
	LNHU100508-F57T	H	4	0.8	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU100508-B57T	M	4	0.8			☹					😐	😐			☹			
	LNMU100508-F57T	M	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNHU120608-B57T	H	4	0.8		☹	☹					😐			☹	☹			
	LNHU120608-F57T	H	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNMU120608-B57T	M	4	0.8		☹	☹								☹	☹			
	LNMU120608-F57T	M	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNHU160812-F57T	H	4	1.2	☺		😐	☹	😐	😐	☹			😐		☹	😐	😐	☹
	LNMU160812-B57T	M	4	1.2			☹									☹			
	LNMU160812-F57T	M	4	1.2	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Slotting cutters for slot milling

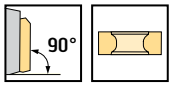
F4253 mm

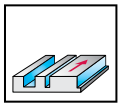
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2+2 cutting edges per indexable insert, adjustable runout

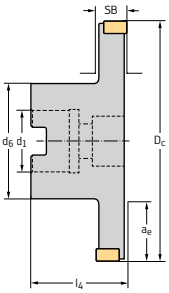




	P	M	K	N	S	H	O
F4253	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4253.BN60,315.Z10,25R	315	60	135		50	25	85	10	20	14.8	LN . U160812



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

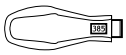
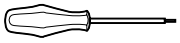
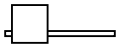
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Dc [mm] SB [mm]	100–200 12–14	125–200 16	160–250 20	160–315 25
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm	FS1453 (T15IP) 3.5 Nm	FS2081 (T15IP) 4 Nm	FS2112 (T20IP) 5 Nm
	Adjusting screw for runout	FS2082 (T6IP)	FS2083 (T7IP)	FS2083 (T7IP)	FS2113 (T9IP)

Accessories

	Dc [mm] SB [mm]	100–200 12–14	125–250 16–20	160–315 25
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver for indexable insert	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)
	Key for adjusting screw	FS2146 (T6IP)	FS1490 (T7IP)	FS1466 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	LNHU080404-B57T	H	4	0.4		☹	☹					😐	😐		☹	☹			
	LNHU080404-F57T	H	4	0.4	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU080404-B57T	M	4	0.4			☹									☹			
	LNMU080404-F57T	M	4	0.4	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNHU100508-B57T	H	4	0.8		☹	☹					😐	😐		☹	☹			
	LNHU100508-F57T	H	4	0.8	☺	😐	😐	☹	😐		☹			😐	☹	☹	😐		☹
	LNMU100508-B57T	M	4	0.8			☹					😐	😐			☹			
	LNMU100508-F57T	M	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNHU120608-B57T	H	4	0.8		☹	☹					😐			☹	☹			
	LNHU120608-F57T	H	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNMU120608-B57T	M	4	0.8		☹	☹								☹	☹			
	LNMU120608-F57T	M	4	0.8	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹
	LNHU160812-F57T	H	4	1.2	☺		😐	☹	😐	😐	☹			😐		☹	😐	😐	☹
	LNMU160812-B57T	M	4	1.2			☹									☹			
	LNMU160812-F57T	M	4	1.2	☺	😐	😐	☹	😐	😐	☹			😐	☹	☹	😐	😐	☹

HC = Coated carbide

D2

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☺ 😐 ☹ / ★ = New addition to the product range

Parting and slitting cutters

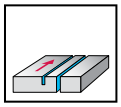
F5055 mm

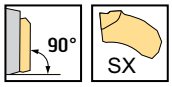
Walter BLAXX





– 1 cutting edge per indexable insert

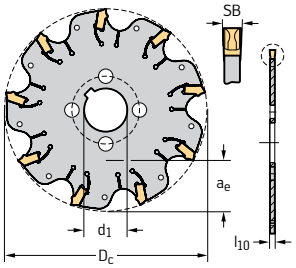




	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

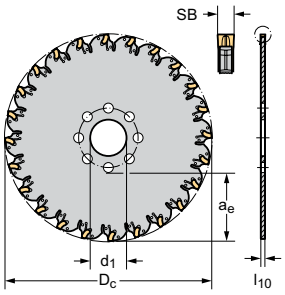
Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F5055.B16,063.Z05,1.5	63	16	16	1.2	1.5	15	5	10	0.04	SX-1E1
F5055.B16,080.Z07,1.5	80	16	16	1.2	1.5	19	7	14	0.06	
F5055.B22,100.Z09,1.5	100	22	22	1.2	1.5	25	9	18	0.1	
F5055.B32,125.Z11,1.5	125	32	32	1.2	1.5	33	11	22	0.15	
F5055.B16,063.Z05,2.0	63	16	16	1.6	2	15	5	10	0.04	SX-2E2
F5055.B16,080.Z07,2.0	80	16	16	1.6	2	19	7	14	0.07	
F5055.B22,100.Z09,2.0	100	22	22	1.6	2	25	9	18	0.11	
F5055.B32,125.Z11,2.0	125	32	32	1.6	2	33	11	22	0.17	
F5055.B40,160.Z14,2.0	160	40	40	1.6	2	38	14	28	0.28	
F5055.B16,063.Z04,3.0	63	16	16	2.4	3	15	4	8	0.06	SX-3E3
F5055.B16,080.Z06,3.0	80	16	16	2.4	3	19	6	12	0.09	
F5055.B22,100.Z09,3.0	100	22	22	2.4	3	25	9	18	0.14	
F5055.B32,125.Z11,3.0	125	32	32	2.4	3	33	11	22	0.23	
F5055.B40,160.Z14,3.0	160	40	40	2.4	3	38	14	28	0.38	
F5055.B40,200.Z19,3.0	200	40	40	2.4	3	58	19	38	0.64	
F5055.B40,250.Z24,3.0	250	40	40	2.4	3	83	24	48	1.07	
F5055.B16,063.Z04,4.0	63	16	16	3.4	4	15	4	8	0.07	SX-4E4
F5055.B16,080.Z06,4.0	80	16	16	3.4	4	19	6	12	0.12	
F5055.B22,100.Z09,4.0	100	22	22	3.4	4	25	9	18	0.18	
F5055.B32,125.Z11,4.0	125	32	32	3.4	4	33	11	22	0.29	
F5055.B40,160.Z14,4.0	160	40	40	3.4	4	38	14	28	0.5	
F5055.B40,200.Z19,4.0	200	40	40	3.4	4	58	19	38	0.84	
F5055.B40,250.Z24,4.0	250	40	40	3.4	4	83	24	48	1.39	



Shell mill mount DIN 138 longitudinal keyway

F5055R.B50,500.Z40,5.0	500	40	50		5	120	40	80	8.39	SX-5E5



Shell mill mount DIN 138 longitudinal keyway

Values for a_e in combination with drive collar | Use mounting wrench FS1494 or FS2249 to fit the indexable insert

D2

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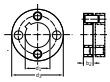
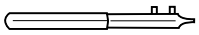
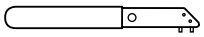
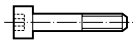
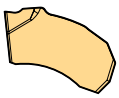
Accessories

	Dc [mm] SB [mm]	63 1.5–2	63 3–4	80 1.5	80 2	80 3–4	100 1.5	100 2–4	125 1.5	125 2–4	160 2–4	200 3–4	250 3–4	500 5
	Drive collar	FS1346-SET	FS2291-SET	FS1347-SET	FS1347-SET	FS2292-SET	FS1348-SET	FS1348-SET	FS1349-SET	FS1349-SET	FS1350-SET	FS1350-SET	FS1350-SET	
	Mounting wrench	FS2249	FS2249	FS2249	FS1494	FS1494	FS2249	FS1494	FS2249	FS1494	FS1494	FS1494	FS1494	FS1494
	Ergonomic mounting wrench				FS2290 (PINS)	FS2290 (PINS)		FS2290 (PINS)		FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
	Clamping screw for retaining washer											FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	
	Retaining washer instead of drive collar											FS1351-SET	FS1352-SET	
	Key for clamping screw											ISO2936-5 (SW 5)	ISO2936-5 (SW 5)	

Clamping screws for retaining washers are included in the scope of delivery.

Cutting inserts

	Designation	s mm	r mm	P HC WKP23S	P HC WSM23G	P HC WSM23S	P HC WSM33G	P HC WSM33S	P HC WSM43G	P HC WSM43S	M HC WSM23G	M HC WSM23S	M HC WSM33G	M HC WSM33S	M HC WSM43G	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23G	S HC WSM23S	S HC WSM33G	S HC WSM33S	S HC WSM43G	S HC WSM43S
	SX-1E150N01-SK8	1.5	0.1																				
	SX-1E150N01-CE4	1.5	0.15																				
	SX-1E150N01-SF5	1.5	0.15																				
	SX-2E200N02-CE4	2	0.2																				
	SX-2E200N02-CF6	2	0.2																				
	SX-2E200N02-SF5	2	0.2																				
	SX-2E200N02-SK8	2	0.2																				
	SX-3E300N02-CE4	3	0.2																				
	SX-3E300N02-CF6	3	0.2																				
	SX-3E300N02-SF5	3	0.2																				
	SX-3E300N02-SK8	3	0.2																				
	SX-4E400N02-CE4	4	0.2																				
	SX-4E400N02-SF5	4	0.2																				
	SX-4E400N02-SK8	4	0.2																				
	SX-5E500N03-SE6	5	0.3																				
	SX-5E500N04-CE4	5	0.4																				
	SX-5E500N04-SF5	5	0.4																				
	SX-5E500N04-SK8	5	0.4																				

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

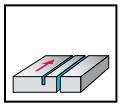
Parting and slitting cutters

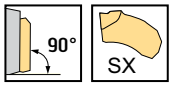
F5055 mm

Walter BLAXX



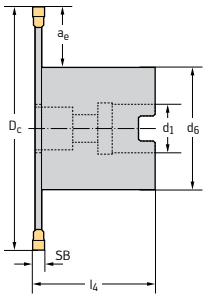
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F5055.BN16,063.Z04,3.0R	63	16	35	40	3	15	4	8	0.03	SX-3E3
F5055.BN16,080.Z06,3.0R	80	16	40	40	3	19	6	12	0.06	
F5055.BN22,100.Z09,3.0R	100	22	48	40	3	25	9	18	0.62	
F5055.BN32,125.Z11,3.0R	125	32	58	50	3	33	11	22	1	
F5055.BN40,160.Z14,3.0R	160	40	80	63	3	38	14	28	0.25	
F5055.BN16,063.Z04,4.0R	63	16	35	41	4	15	4	8	0.05	SX-4E4
F5055.BN16,080.Z06,4.0R	80	16	40	41	4	19	6	12	0.46	
F5055.BN22,100.Z09,4.0R	100	22	48	41	4	25	9	18	0.14	
F5055.BN32,125.Z11,4.0R	125	32	58	51	4	33	11	22	1.06	
F5055.BN40,160.Z14,4.0R	160	40	80	64	4	38	14	28	2.23	

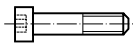
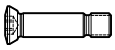
Use mounting wrench FS1494 or FS2249 to fit the indexable insert | Bodies and assembly parts are included in the scope of delivery

D 2

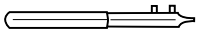
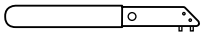
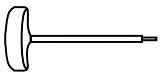
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

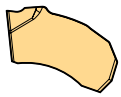
Assembly parts

	Dc [mm] SB [mm]	63 3–4	80 3–4	100 3–4	125 3–4	160 3–4
	Clamping screw for adaptor	FS938 (SW 6)	FS938 (SW 6)	FS939 (SW 8)	FS941 (SW 14)	FS942 (SW 17)
	Bore adaptor part	AA704-B16-G16-040-A	AA704-B16-G16-040-B	AA704-B22-G22-040-B	AA704-B32-G32-050-B	AA704-B40-G40-063-B
	Clamping screw for milling cutter Tightening torque	FS2270 (T15IP) 6.5 Nm	FS2270 (T15IP) 6.5 Nm	FS2270 (T15IP) 6.5 Nm	FS2271 (T20IP) 7 Nm	FS2272 (T30) 8 Nm

Accessories

	Dc [mm] SB [mm]	63 3–4	80–100 3–4	125 3–4	160 3–4
	Mounting wrench for cutting insert	FS2249	FS1494	FS1494	FS1494
	Ergonomic mounting wrench		FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
	Adaptor clamping screw allen key	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)
	Torque T-handle	FS2041	FS2041	FS2041	FS2041
	Interchangeable blade	FS2047 (T15IP)	FS2047 (T15IP)	FS2048 (T20IP)	FS2046 (T30)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1175 (T30)

Cutting inserts

	Designation	s mm	r mm	P HC WKP23S	P HC WSM23G	P HC WSM23S	P HC WSM33G	P HC WSM33S	P HC WSM43G	P HC WSM43S	M HC WSM23G	M HC WSM23S	M HC WSM33G	M HC WSM33S	M HC WSM43G	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23G	S HC WSM23S	S HC WSM33G	S HC WSM33S	S HC WSM43G	S HC WSM43S
	SX-3E300N02-CE4	3	0.2	☺	☺	☺	😐	😐	☹	☹	☺	☺	😐	😐	☹	☹	☺		☺	☺	😐	😐	☹	☹
	SX-3E300N02-CF6	3	0.2				😐	😐	☹	☹			😐	😐	☹	☹					😐	😐	☹	☹
	SX-3E300N02-SF5	3	0.2				😐	😐	☹	☹			😐	😐	☹	☹					😐	😐	☹	☹
	SX-3E300N02-SK8	3	0.2															😐						
	SX-4E400N02-CE4	4	0.2	☺	☺	☺	😐	😐	☹	☹	☺	☺	😐	😐	☹	☹	☺		☺	☺	😐	😐	☹	☹
	SX-4E400N02-SF5	4	0.2				😐	😐	☹	☹			😐	😐	☹	☹					😐	😐	☹	☹
	SX-4E400N02-SK8	4	0.2															😐						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Round insert milling cutters

M5468 mm

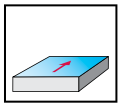
RD . X0501M0

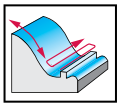
Xtra·tec® XT

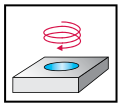


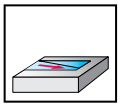


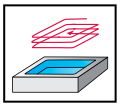
– 4 cutting edges per indexable insert









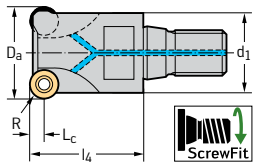




	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

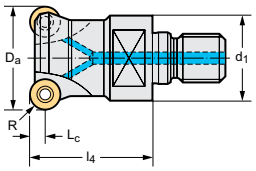
Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5468-010-T09-02-02.5	2.5	10	9.7	20		2.5	2	0.01	2	RD . X0501M0
M5468-012-T09-03-02.5	2.5	12	9.7	20		2.5	3	0.01	3	
M5468-016-T14-04-02.5	2.5	16	14.5	25		2.5	4	0.03	4	
M5468-020-T18-05-02.5	2.5	20	18.5	30		2.5	5	0.06	5	



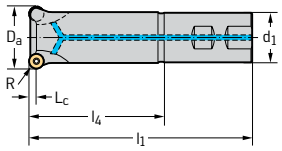
ScrewFit

M5468-010-TC06-02-02.5	2.5	10	9.7	20		2.5	2	0.01	2	RD . X0501M0
M5468-012-TC06-03-02.5	2.5	12	9.7	20		2.5	3	0.01	3	
M5468-016-TC08-04-02.5	2.5	16	14.5	25		2.5	4	0.03	4	
M5468-020-TC10-05-02.5	2.5	20	18.5	30		2.5	5	0.06	5	



Cylindrical modular

M5468-010-W10-02-02.5	2.5	10	10	19	60	2.5	2	0.03	2	RD . X0501M0
M5468-012-W12-03-02.5	2.5	12	12	19	65	2.5	3	0.05	3	



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D 2

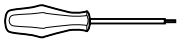
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	10–20
	Clamping screw for indexable insert Tightening torque	FS1358 (T6) 0.4 Nm

Accessories

	D_a [mm]	10–12	16	20
	Torque screwdriver, analog	FS2001	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2005 (T6)	FS2005 (T6)
	Screwdriver	FS1063 (T6)	FS1063 (T6)	FS1063 (T6)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDGX0501M0-G88	G	4	5														●				
	RDHX0501M0-A57	H	4	5	☺		✕	✕					☺	●		✕	✕					☺
	RDMX0501M0-D57	M	4	5		☺	●	●	✕	●	●	✕		●	●	✕	✕		●	●	✕	

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ● → Moderate = ✕

☺ ● ✕ / ★ = New addition to the product range

Round insert milling cutters

M5468 mm

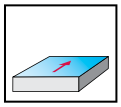
RD . X07T1M0

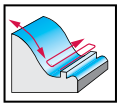
Xtra·tec® XT

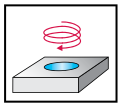


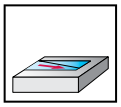


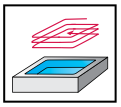
– 4 cutting edges per indexable insert





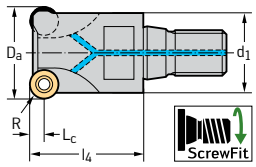
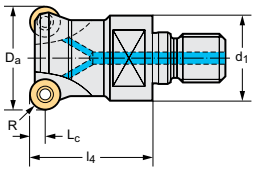
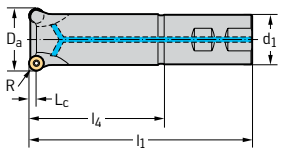








	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-015-T14-03-03.5	3.5	15	14.5	25		3.5	3	0.03	3	RD . X07T1M0
	M5468-020-T18-04-03.5	3.5	20	18.5	30		3.5	4	0.05	4	
	M5468-025-T22-05-03.5	3.5	25	22	35		3.5	5	0.1	5	
	M5468-030-T28-06-03.5	3.5	30	28	40		3.5	6	0.18	6	
 Cylindrical modular	M5468-015-TC08-03-03.5	3.5	15	14.5	25		3.5	3	0.03	3	RD . X07T1M0
	M5468-020-TC10-04-03.5	3.5	20	18.5	30		3.5	4	0.05	4	
	M5468-025-TC12-05-03.5	3.5	25	22	35		3.5	5	0.09	5	
	M5468-030-TC16-06-03.5	3.5	30	28	40		3.5	6	0.17	6	
 DIN 1835 B	M5468-015-W16-03-03.5	3.5	15	16	51	100	3.5	3	0.12	3	RD . X07T1M0

Bodies and assembly parts are included in the scope of delivery

D 2

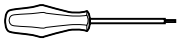
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	15–30
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 1.2 Nm

Accessories

	D_a [mm]	15	20	25	30
	Torque screwdriver, analog	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDGX07T1M0-G88	G	4	7														😐				
	RDHX07T1M0-A57	H	4	7	😊	😐	😟	😟					😊	😐	😐	😟	😟					😊
	RDMX07T1M0-D57	M	4	7		😊	😐	😐	😟	😐	😐	😟		😐	😐	😟	😟		😐	😐	😟	

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😟

😊 😐 😟 / ★ = New addition to the product range

Round insert milling cutters

M5468 mm

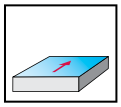
RO . X0803M0

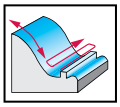
Xtra·tec® XT

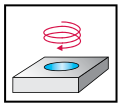


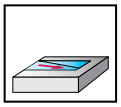


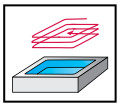
– With indexing surfaces
– 4 cutting edges per indexable insert







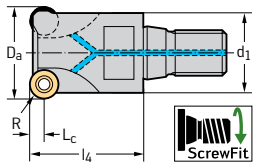
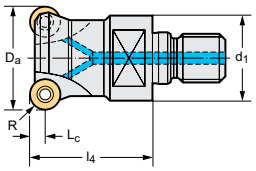
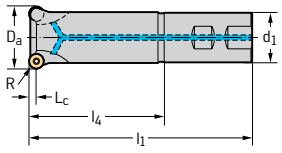






	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-016-T14-02-04	4	16	14.5	25		4	2	0.03	2	RO . X0803M0
	M5468-025-T22-03-04	4	25	22	35		4	3	0.09	3	
	M5468-032-T28-05-04	4	32	28	40		4	5	0.18	5	
 Cylindrical modular	M5468-016-TC08-02-04	4	16	14.5	25		4	2	0.03	2	RO . X0803M0
	M5468-025-TC12-03-04	4	25	22	35		4	3	0.09	3	
	M5468-032-TC16-05-04	4	32	28	40		4	5	0.17	5	
 DIN 1835 B	M5468-016-W16-02-04	4	16	16	51	100	4	2	0.13	2	RO . X0803M0
	M5468-016-W16-02-04-XL	4	16	16	81	130	4	2	0.16	2	
	M5468-025-W25-03-04	4	25	25	93	150	4	3	0.45	3	

Bodies and assembly parts are included in the scope of delivery

D 2

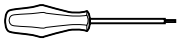
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	16	25–32
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 2 Nm	FS2078 (T9IP) 1.5 Nm

Accessories

	D_a [mm]	16	25	32
	Torque screwdriver, analog	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX0803M04-G88	G	4	8														☻	☻				
	ROHX0803M04-A57	H	4	8	☻	☻	☻	☻					☻	☻	☻	☻	☻						☻
	ROHX0803M04-D57	H	4	8				☻	☻	☻	☻	☻					☻			☻	☻	☻	
	ROHX0803M04-D67	H	4	8					☻			☻										☻	
	ROMX0803M04-D57	M	4	8		☻		☻	☻	☻	☻	☻		☻	☻		☻			☻	☻	☻	

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

☻ ☻ ☻ / ★ = New addition to the product range

Round insert milling cutters

M5468 inch

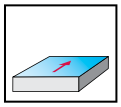
RO . X0803M0

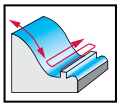
Xtra·tec® XT

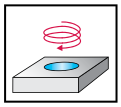


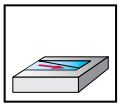


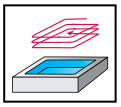
– With indexing surfaces
– 4 cutting edges per indexable insert







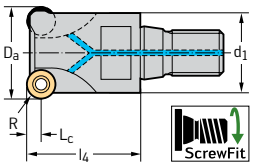
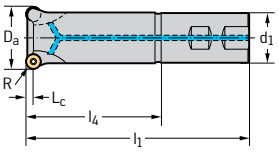






	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

	Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	★ M5468,026-T22-03-04	0.157	1.000	0.866	1.378		0.157	3	0.207	3	RO . X0803M0
	★ M5468,038-T36-04-04	0.157	1.500	1.417	1.575		0.157	4	0.69	4	
 DIN 1835 B	M5468,026-W26-03-04	0.157	1.000	1.000	2.5	4.781	0.157	3	0.805	3	RO . X0803M0

Bodies and assembly parts are included in the scope of delivery

D 2

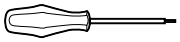
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [inch]	1–1.5
	Clamping screw for indexable insert Tightening torque	FS2078 (T9IP) 1.106 lbs

Accessories

	D_a [inch]	1	1.5
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX0803M04-G88	G	4	0.315														☺	😐				
	ROHX0803M04-A57	H	4	0.315	☺	😐	😟	😟					☺	😐	😐	😟	😟						☺
	ROHX0803M04-D57	H	4	0.315				😐	😟	😐	😐	😟					😟			😐	😐	😟	
	ROHX0803M04-D67	H	4	0.315					😐			😐										😐	
	ROMX0803M04-D57	M	4	0.315		☺		😐	😟	😐	😐	😟		😐	😐		😟			😐	😐	😟	

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

☺ 😐 😟 / ★ = New addition to the product range

Round insert milling cutters

M5468 mm

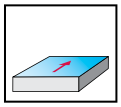
RO . X10T3M0

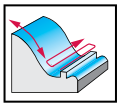
Xtra·tec® XT

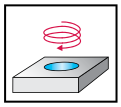


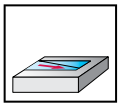


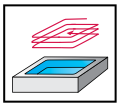
– With indexing surfaces
– 8 cutting edges per indexable insert













	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
M5468-020-T18-02-05	5	20	18.5	30		5	2	0.05	2	RO . X10T3M0
M5468-025-T22-03-05	5	25	22	35		5	3	0.09	3	
M5468-030-T28-04-05	5	30	28	40		5	4	0.16	4	
M5468-032-T28-04-05	5	32	28	40		5	4	0.17	4	
M5468-035-T28-05-05	5	35	28	40		5	5	0.19	5	
M5468-040-T36-05-05	5	40	36	40		5	5	0.31	5	
Cylindrical modular										
M5468-020-TC10-02-05	5	20	18.5	30		5	2	0.05	2	RO . X10T3M0
M5468-025-TC12-03-05	5	25	22	35		5	3	0.08	3	
M5468-030-TC16-04-05	5	30	28	40		5	4	0.15	4	
M5468-032-TC16-04-05	5	32	28	40		5	4	0.16	4	
M5468-035-TC16-05-05	5	35	28	40		5	5	0.18	5	
M5468-040-TC16-05-05	5	40	28	40		5	5	0.19	5	
DIN 1835 B										
M5468-020-W20-02-05	5	20	20	59	110	5	2	0.21	2	RO . X10T3M0
M5468-020-W20-02-05-XL	5	20	20	99	150	5	2	0.29	2	
M5468-032-W32-04-05	5	32	32	114	175	5	4	0.89	4	
Shell mill mount DIN 138 transverse keyway										
M5468-040-B16-05-05	5	40	16	40		5	5	0.28	5	RO . X10T3M0
M5468-050-B22-06-05	5	50	22	50		5	6	0.33	6	
M5468-052-B22-06-05	5	52	22	50		5	6	0.38	6	

Bodies and assembly parts are included in the scope of delivery

D 2

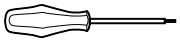
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	20–52
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm

Accessories

	D_a [mm]	20	25	30–35	40	50–52
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX10T3M08-G88	G	8	10														☺	😐				
	ROHX10T3M08-A57	H	8	10	☺	😐	😟	😟					☺	😐	😐	😟	😟						☺
	ROMX10T3M08-D57	M	8	10		☺	😐	😐	😟	😐		😟		😐	😐	😟	😟			😐		😟	
	ROMX10T3M08-F67	M	8	10					😟	😐	😟	😟								😐	😟	😟	
	ROMX10T3M0T8-A27	M	8	10		☺	😟	😟						😐	😐	😟	😟						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

☺ 😐 😟 / ★ = New addition to the product range

Round insert milling cutters

M5468 inch

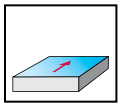
RO . X10T3M0

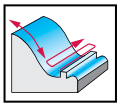
Xtra·tec® XT

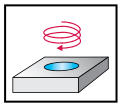


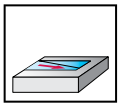


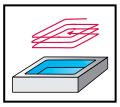
– With indexing surfaces
– 8 cutting edges per indexable insert







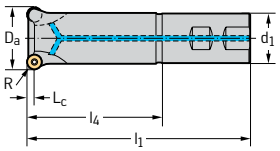




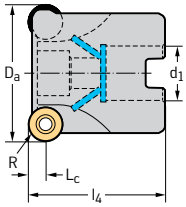


	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool



DIN 1835 B



Shell mill mount DIN 138 transverse keyway

Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5468,026-W26-03-05	0.197	1.000	1.000	2.5	4.781	0.197	3	0.825	3	RO . X10T3M0
M5468,031-W31-04-05	0.197	1.250	1.250	2.5	4.781	0.197	4	1.294	4	
M5468,038-W31-05-05	0.197	1.500	1.250	2.5	4.781	0.197	5	1.396	5	
M5468,051-B19-06-05	0.197	2.000	0.750	1.750		0.197	6	0.597	6	RO . X10T3M0

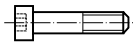
Bodies and assembly parts are included in the scope of delivery

D 2

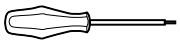
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [inch]	1–1.5	2
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 2.213 lbs	FS2181 (T15IP) 2.213 lbs
	Clamping screw for arbor-mounted tools		FS1518

Accessories

	D_a [inch]	1–2
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX10T3M08-G88	G	8	0.394														☺	😐				
	ROHX10T3M08-A57	H	8	0.394	☺	😐	😟	😟					☺	😐	😐	😟	😟						☺
	ROMX10T3M08-D57	M	8	0.394		☺	😐	😐	😟	😐		😟		😐	😐	😟	😟			😐		😟	
	ROMX10T3M08-F67	M	8	0.394					😟	😐	😟	😟								😐	😟	😟	
	ROMX10T3M0T8-A27	M	8	0.394		☺	😟	😟						😐	😐	😟	😟						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

☺ 😐 😟 / ★ = New addition to the product range

Round insert milling cutters

M5468 mm

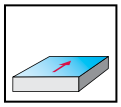
RO . X1204M0

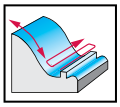
Xtra·tec® XT

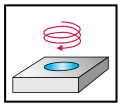


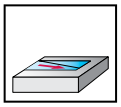


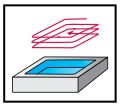
– With indexing surfaces
– 8 cutting edges per indexable insert













	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
M5468-024-T22-02-06	6	24	22	35		6	2	0.08	2	RO . X1204M0
M5468-032-T28-03-06	6	32	28	40		6	3	0.17	3	
M5468-040-T36-05-06	6	40	36	40		6	5	0.3	5	
M5468-042-T36-05-06	6	42	36	40		6	5	0.31	5	
Cylindrical modular										
M5468-024-TC12-02-06	6	24	22	35		6	2	0.07	2	RO . X1204M0
M5468-032-TC16-03-06	6	32	28	40		6	3	0.16	3	
M5468-040-TC16-05-06	6	40	28	40		6	5	0.18	5	
M5468-042-TC16-05-06	6	42	28	40		6	5	0.19	5	
DIN 1835 B										
M5468-024-W25-02-06	6	24	25	73	130	6	2	0.36	2	RO . X1204M0
M5468-024-W25-02-06-XL	6	24	25	118	175	6	2	0.48	2	
M5468-040-W40-04-06-XL	6	40	40	149	220	6	4	1.62	4	
Shell mill mount DIN 138 transverse keyway										
M5468-040-B16-04-06	6	40	16	40		6	4	0.28	4	RO . X1204M0
M5468-040-B16-05-06	6	40	16	40		6	5	0.13	5	
M5468-042-B16-05-06	6	42	16	40		6	5	0.15	5	
M5468-050-B22-05-06	6	50	22	50		6	5	0.34	5	
M5468-050-B22-06-06	6	50	22	50		6	6	0.31	6	
M5468-052-B22-05-06	6	52	22	50		6	5	0.35	5	
M5468-052-B22-06-06	6	52	22	50		6	6	0.35	6	
M5468-063-B22-06-06	6	63	22	50		6	6	0.52	6	
M5468-063-B22-07-06	6	63	22	50		6	7	0.51	7	
M5468-066-B27-06-06	6	66	27	50		6	6	0.68	6	
M5468-066-B27-07-06	6	66	27	50		6	7	0.62	7	
M5468-080-B27-07-06	6	80	27	50		6	7	0.87	7	

Bodies and assembly parts are included in the scope of delivery

D 2

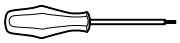
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	24	32–100	40
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2.5 Nm	FS1453 (T15IP) 3.5 Nm	FS2080 (T15IP) 2.5 Nm

Accessories

	D_a [mm]	24	32	40–42	50–100
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														☺	😐				
	ROHX1204M08-A57	H	8	12	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROMX1204M08-D57	M	8	12		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹	
	ROMX1204M08-F67	M	8	12					☹	😐	☹	☹								😐	☹	☹	
	ROMX1204M0T8-A27	M	8	12		😐	☹	☹						😐	😐	☹	☹						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Round insert milling cutters

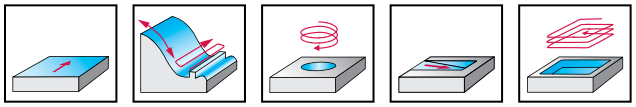
M5468 mm

RO . X1204M0

Xtra·tec® XT

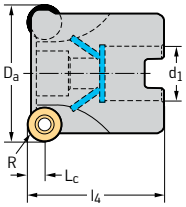


– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5468-080-B27-08-06	6	80	27	50		6	8	0.87	8	RO . X1204M0
M5468-100-B32-08-06	6	100	32	50		6	8	1.54	8	

Bodies and assembly parts are included in the scope of delivery

D 2

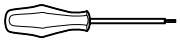
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	24	32–100	40
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2.5 Nm	FS1453 (T15IP) 3.5 Nm	FS2080 (T15IP) 2.5 Nm

Accessories

	D_a [mm]	24	32	40–42	50–100
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														☺	😐				
	ROHX1204M08-A57	H	8	12	☺	☺	😐	😐					☺	☺	☺	😐	😐						☺
	ROMX1204M08-D57	M	8	12		☺	☺	☺	😐	☺		😐		☺	☺	😐	😐			☺		☺	
	ROMX1204M08-F67	M	8	12					😐	☺	😐	😐								☺	😐	😐	
	ROMX1204M0T8-A27	M	8	12		☺	😐	😐						☺	☺	😐	😐						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😐

☺ 😐 😐 / ★ = New addition to the product range

Round insert milling cutters

M5468 inch

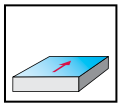
RO . X1204M0

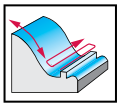
Xtra·tec® XT

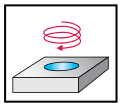


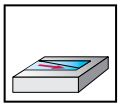


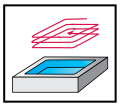
– With indexing surfaces
– 8 cutting edges per indexable insert







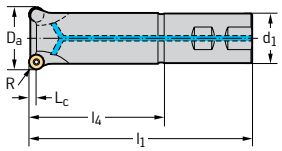
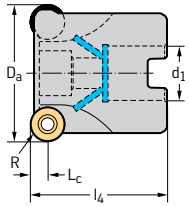






	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

	Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M5468,038-W31-04-06	0.236	1.500	1.250	2.5	4.781	0.236	4	1.376	4	RO . X1204M0
 Shell mill mount DIN 138 transverse keyway	M5468,051-B19-06-06	0.236	2.000	0.750	1.750		0.236	6	0.575	6	RO . X1204M0
	M5468,064-B26-07-06	0.236	2.500	1.000	2.000		0.236	7	1.076	7	
	M5468,076-B26-08-06	0.236	3.000	1.000	2.000		0.236	8	1.742	8	
	M5468,102-B38-08-06	0.236	4.000	1.500	2.500		0.236	8	4.242	8	

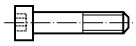
Bodies and assembly parts are included in the scope of delivery

D 2

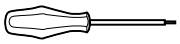
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [inch]	1.5	2	2.5–3	4
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519	FS1583

Accessories

	D_a [inch]	1.5–4
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	0.472														☺	😐				
	ROHX1204M08-A57	H	8	0.472	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROMX1204M08-D57	M	8	0.472		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹	
	ROMX1204M08-F67	M	8	0.472					☹	😐	☹	☹								😐	☹	☹	
	ROMX1204M0T8-A27	M	8	0.472		☺	☹	☹						😐	😐	☹	☹						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Round insert milling cutters

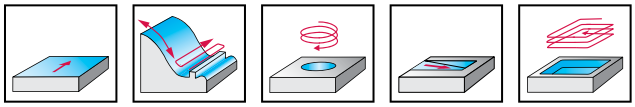
M5468 mm

RO . X1605M0

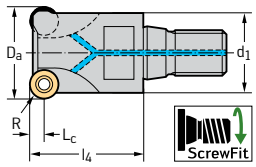
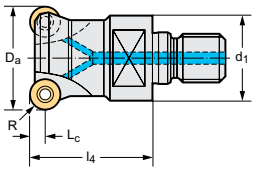
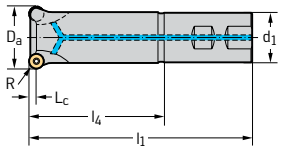
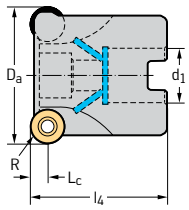
Xtra·tec® XT



– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-032-T28-02-08	8	32	28	40		8	2	0.14	2	RO . X1605M0
 Cylindrical modular	M5468-032-TC16-02-08	8	32	28	40		8	2	0.14	2	RO . X1605M0
 DIN 1835 B	M5468-032-W32-02-08	8	32	32	99	160	8	2	0.74	2	RO . X1605M0
	M5468-032-W32-02-08-XL	8	32	32	159	220	8	2	1.03	2	
 Shell mill mount DIN 138 transverse keyway	M5468-052-B22-04-08	8	52	22	50		8	4	0.32	4	RO . X1605M0
	M5468-052-B22-05-08	8	52	22	50		8	5	0.38	5	
	M5468-063-B22-05-08	8	63	22	50		8	5	0.49	5	
	M5468-063-B22-06-08	8	63	22	50		8	6	0.49	6	
	M5468-066-B27-05-08	8	66	27	50		8	5	0.57	5	
	M5468-066-B27-06-08	8	66	27	50		8	6	0.66	6	
	M5468-080-B27-06-08	8	80	27	50		8	6	0.82	6	
	M5468-080-B27-07-08	8	80	27	50		8	7	0.84	7	
	M5468-100-B32-07-08	8	100	32	50		8	7	1.43	7	
	M5468-125-B40-08-08	8	125	40	63		8	8	2.79	8	

Bodies and assembly parts are included in the scope of delivery

D 2

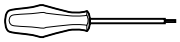
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	32	52–125
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_a [mm]	32	52–125
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	16														●	●				
	ROHX1605M08-A57	H	8	16	●	●	●	●					●	●	●	●	●						●
	ROMX1605M08-D57	M	8	16		●	●	●	●	●		●		●	●	●	●			●		●	
	ROMX1605M08-F67	M	8	16					●	●	●	●								●	●	●	
	ROMX1605M0T8-A27	M	8	16		●	●	●						●	●	●	●						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ● → Good = ● → Moderate = ●

● ● ● / ★ = New addition to the product range

Round insert milling cutters

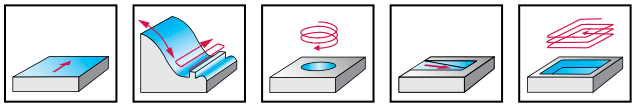
M5468 inch

RO . X1605M0

Xtra·tec® XT

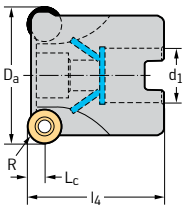


– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	R inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5468,064-B26-06-08	0.315	2.500	1.000	2.000	0.315	6	1.023	6	RO . X1605M0
M5468,076-B26-07-08	0.315	3.000	1.000	2.000	0.315	7	1.642	7	
M5468,102-B38-07-08	0.315	4.000	1.500	2.500	0.315	7	4.043	7	
M5468,127-B38-08-08	0.315	5.000	1.500	2.500	0.315	8	5.849	8	

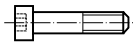
Bodies and assembly parts are included in the scope of delivery

D 2

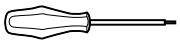
WALTER SELECT — Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [inch]	2.5–3	4–5
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3.688 lbs	FS1495 (T20IP) 3.688 lbs
	Clamping screw for arbor-mounted tools	FS1519	FS1583

Accessories

	D_a [inch]	2.5–5
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	0.630														☺	😐				
	ROHX1605M08-A57	H	8	0.630	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROMX1605M08-D57	M	8	0.630		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹	
	ROMX1605M08-F67	M	8	0.630					😐	😐	☹	😐								😐	☹	😐	
	ROMX1605M0T8-A27	M	8	0.630		😐	☹	☹						😐	😐	☹	☹						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Round insert milling cutters

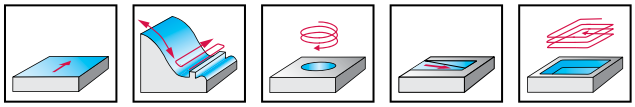
M5468 mm

RO . X2006M0

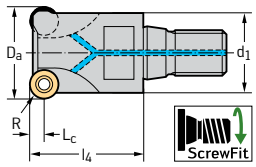
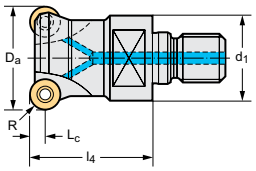
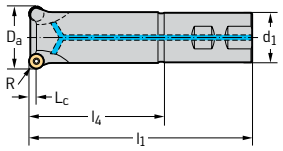
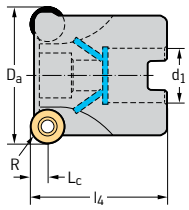
Xtra·tec® XT



– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-040-T36-02-10	10	40	36	40		10	2	0.25	2	RO . X2006M0
 Cylindrical modular	M5468-040-TC16-02-10	10	40	28	40		10	2	0.15	2	RO . X2006M0
 DIN 1835 B	M5468-040-W40-02-10	10	40	40	119	190	10	2	1.44	2	RO . X2006M0
 Shell mill mount DIN 138 transverse keyway	M5468-063-B22-04-10	10	63	22	50		10	4	0.5	4	RO . X2006M0
	M5468-063-B22-05-10	10	63	22	50		10	5	0.42	5	
	M5468-080-B27-05-10	10	80	27	50		10	5	0.96	5	
	M5468-080-B27-06-10	10	80	27	50		10	6	0.73	6	
	M5468-100-B32-06-10	10	100	32	50		10	6	1.43	6	
	M5468-100-B32-07-10	10	100	32	50		10	7	1.43	7	
	M5468-125-B40-07-10	10	125	40	63		10	7	2.89	7	
	M5468-125-B40-08-10	10	125	40	63		10	8	2.84	8	
	M5468-160-B40-08-10	10	160	40	63		10	8	2.67	8	
	M5468-160-B40-10-10	10	160	40	63		10	10	2.76	10	

Bodies and assembly parts are included in the scope of delivery

D 2

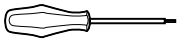
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

New addition to the product range = ☻ 😐 ☹ / ★

Assembly parts

	D_a [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 5 Nm

Accessories

	D_a [mm]	40	63–160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX2006M08-G88	G	8	20														☺	😐				
	ROHX2006M08-A57	H	8	20	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROHX2006M08-D57	H	8	20				😐									☹						
	ROHX2006M0T8-A27	H	8	20				☹									☹						
	ROMX2006M08-D57	M	8	20		☺	😐	😐	☹	😐	😐	☹		😐	😐	☹	☹			😐	😐	☹	
	ROMX2006M0T8-A27	M	8	20		😐	☹	☹						😐	😐	☹	☹						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Round insert milling cutters

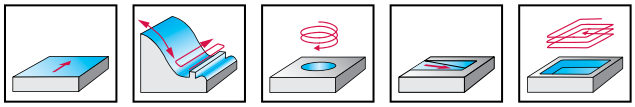
M5468 inch

RO . X2006M0

Xtra·tec® XT



– With indexing surfaces
– 8 cutting edges per indexable insert

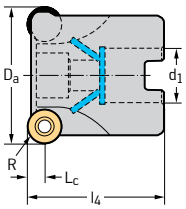




	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5468,102-B38-06-10	0.394	4.000	1.500	2.500	0.394	6	3.812	6	RO . X2006M0



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

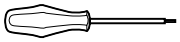
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [inch]	4
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 3.688 lbs

Accessories

	D_a [inch]	4
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX2006M08-G88	G	8	0.787														☺	😐				
	ROHX2006M08-A57	H	8	0.787	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROHX2006M08-D57	H	8	0.787				😐									☹							
	ROHX2006M0T8-A27	H	8	0.787				☹									☹							
	ROMX2006M08-D57	M	8	0.787		☺	😐	😐	☹	😐	😐	☹		😐	😐	☹	☹			😐	😐	☹	
	ROMX2006M0T8-A27	M	8	0.787		😐	☹	☹						😐	😐	☹	☹						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

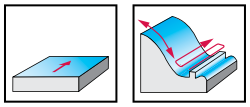
☺ 😐 ☹ / ★ = New addition to the product range

Copy milling cutter with round inserts

M2471 mm



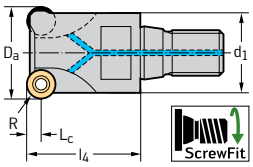
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2471	●●	●●			●●		

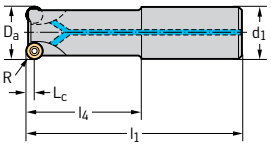
Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M2471-025-T22-03-05	5	25	22	35		5	3	0.09	3	RNMX1005M0
M2471-032-T28-03-06	6	32	28	40		6	3	0.18	3	RNMX1206M0
M2471-040-T36-04-06	6	40	36	40		6	4	0.31	4	



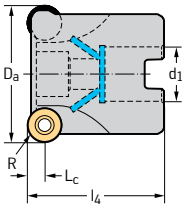
ScrewFit

M2471-025-A25-03-05-L	5	25	25	60	150	5	3	0.49	3	RNMX1005M0
M2471-032-A32-04-05	5	32	32	70	131	5	4	0.67	4	



Cylindrical shank

M2471-040-B16-05-05	5	40	16	40		5	5	0.21	5	RNMX1005M0
M2471-050-B22-06-05	5	50	22	40		5	6	0.35	6	
M2471-050-B22-05-06	6	50	22	40		6	5	0.45	5	RNMX1206M0
M2471-052-B22-05-06	6	52	22	40		6	5	0.37	5	
M2471-063-B22-07-06	6	63	22	40		6	7	0.44	7	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

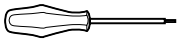
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	RNMX1005M0	RNMX1206M0
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	RNMX1005M0	RNMX1206M0
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	S HC WSM35G	S HC WSM35S	S HC WSP45G
	RNMX1005M0-G57	M	8	10	☹	😐	😐	☹	😐	😐	☹
	RNMX1005M0-K67	M	8	10	☹	😐	😐	☹	😐	😐	☹
	RNMX1206M0-G57	M	8	12	☹	😐	😐	☹	😐	😐	☹
	RNMX1206M0-K67	M	8	12	☹	😐	😐	☹	😐	😐	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

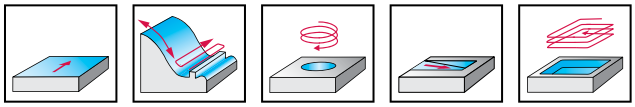
Copy milling cutter with round inserts

M2472 mm

RPGN1204 ..



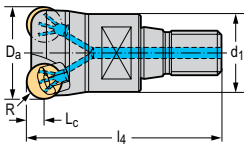
– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2472					●●		

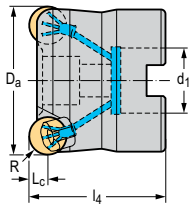
Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M2472-032-T28-03-06	6.35	32	28	40	6	3	0.18	3	RPGN1204 ..
M2472-040-T36-04-06	6.35	40	36	40	6	4	0.32	4	



ScrewFit

M2472-050-B22-06-06	6.35	50	22	45	6	6	0.4	6	RPGN1204 ..



Shell mill mount DIN 138 transverse keyway

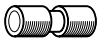
Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	RPGN1204 ..
	clamping screw for clamping wedge	FS1161 (SW 2.5) 3.5 Nm
	Clamping wedge	CW1002-RXGN12

Accessories

	Type	RPGN1204 ..
	Interchangeable blade	SD2000-2.5 SW (SW 2.5)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Allen key	ISO2936-2.5 (SW 2.5)

Indexable inserts

	Designation	d mm	α °	S CS WIS10	S CS WIS30
	RPGN120400E	12.7	11°	☺	☹
	RPGN120400T01020	12.7	11°	☺	☹

CS = Uncoated ceramic SiAlON

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

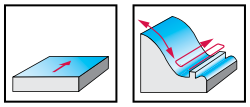
Copy milling cutter with round inserts

M2473 mm

RNGN1207 ..

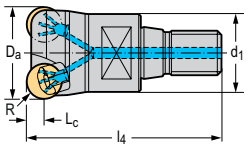
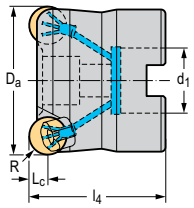


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2473					●●		

Tool

	Designation	R mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M2473-040-T36-04-06	6.35	40	36	40	6	4	0.31	4	RNGN1207 ..
 Shell mill mount DIN 138 transverse keyway	M2473-050-B22-05-06	6.35	50	22	45	6	5	0.39	5	RNGN1207 ..
	M2473-063-B27-06-06	6.35	63	27	50	6	6	0.69	6	

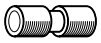
Bodies and assembly parts are included in the scope of delivery

D 2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	RNGN1207 ..
	clamping screw for clamping wedge	FS1161 (SW 2.5) 3.5 Nm
	Clamping wedge	CW1002-RXGN12

Accessories

	Type	RNGN1207 ..
	Interchangeable blade	SD2000-2.5 SW (SW 2.5)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Allen key	ISO2936-2.5 (SW 2.5)

Indexable inserts

	Designation	d mm	S CS WIS10	 WIS30
	RNGN120700E	12.7	☺	☹
	RNGN120700T01020	12.7	☺	☹

CS = Uncoated ceramic SiAlON

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

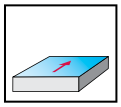
Copy milling cutters with round inserts

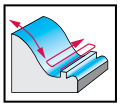
F2334R mm

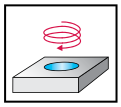


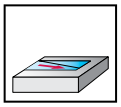


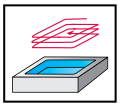
– Reinforced design
– 4 cutting edges per indexable insert, with indexing surfaces







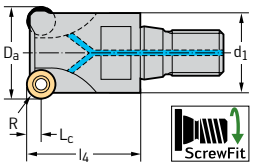
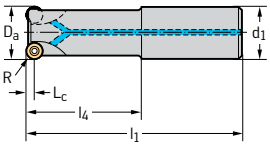
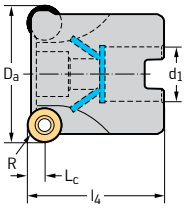






	P	M	K	N	S	H	O
F2334R	●●	●●	●●		●●		

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit										
F2334R.T22,025.Z03,05	5	25	22	35		5	3	0.1	3	RO . X10T3M0
F2334R.T28,032.Z03,05	5	32	28	40		5	3	0.18	3	
F2334R.T28,032.Z04,05	5	32	28	40		5	4	0.2	4	
F2334R.T36,040.Z04,06	6	40	36	40		6	4	0.34	4	RO . X1204M0
 Cylindrical shank										
F2334R.Z32,032.Z04,05	5	32	32	70	131	5	4	0.66	4	RO . X10T3M0
 Shell mill mount DIN 138 transverse keyway										
F2334R.B16,040.Z04,06	6	40	16	40		6	4	0.22	4	RO . X1204M0
F2334R.B16,040.Z05,05	5	40	16	40		5	5	0.23	5	RO . X10T3M0
F2334R.B16,040.Z05,06	6	40	16	40		6	5	0.21	5	RO . X1204M0
F2334R.B16,040.Z06,05	5	40	16	40		5	6	0.23	6	RO . X10T3M0
F2334R.B22,050.Z05,06	6	50	22	40		6	5	0.32	5	RO . X1204M0
F2334R.B22,050.Z06,06	6	50	22	40		6	6	0.35	6	
F2334R.B22,052.Z05,05	5	52	22	40		5	5	0.34	5	RO . X10T3M0
F2334R.B22,052.Z05,06	6	52	22	40		6	5	0.37	5	RO . X1204M0
F2334R.B22,052.Z06,05	5	52	22	40		5	6	0.35	6	RO . X10T3M0
F2334R.B22,052.Z06,06	6	52	22	40		6	6	0.38	6	RO . X1204M0
F2334R.B22,063.Z07,06	6	63	22	40		6	7	0.59	7	
F2334R.B27,066.Z06,06	6	66	27	50		6	6	0.59	6	
F2334R.B27,066.Z07,06	6	66	27	50		6	7	0.6	7	
F2334R.B27,080.Z07,06	6	80	27	50		6	7	0.97	7	
F2334R.B27,080.Z09,06	6	80	27	50		6	9	0.97	9	

Bodies and assembly parts are included in the scope of delivery

D 2

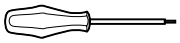
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	RO . X10T3M0	RO . X1204M0
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	RO . X10T3M0	RO . X1204M0
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Torque screwdriver, analog	FS2003	FS2003
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WKP35G	P HC WKP35S	P HC WMP45G	P HC WSP45G	M HC WMP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ROHX10T3M0-D57	H	4	10	☺	☺		☹		☺			☹	☹	☹	☺			☹
	ROHX10T3M0-D67	H	4	10	☺			☺		☺	☺		☺	☺		☺	☺		☺
	ROHX10T3M0-F67	H	4	10				☹		☺	☺		☹			☺	☺		☹
	ROHX10T3M0T-A27	H	4	10		☹									☹				
	ROMX10T3M0-D57	M	4	10	☺	☺	☹	☹	☹	☺		☹	☹	☹	☹	☺		☹	☹
	ROMX10T3M0-D67	M	8	10				☺		☺		☺	☺			☺		☺	☺
	ROMX10T3M0-F67	M	4	10			☹	☹	☹			☹	☹					☹	☹
	ROHX1204M0-D57	H	4	12	☺	☺		☹		☺			☹	☹	☹	☺			☹
	ROHX1204M0-D67	H	4	12	☺			☺		☺			☺	☺		☺			☺
	ROHX1204M0-F67	H	4	12	☺			☹		☺			☹	☹		☺			☹
	ROHX1204M0T-A27	H	4	12	☹	☹								☹	☹				
	ROMX1204M0-D57	M	4	12	☺	☺	☹	☹	☹	☺		☹	☹	☹	☹	☺		☹	☹
	ROMX1204M0-D67	M	4	12			☺	☺	☺			☺	☺					☺	☺
	ROMX1204M0-F67	M	4	12			☹	☹	☹			☹	☹					☹	☹

HC = Coated carbide

D2

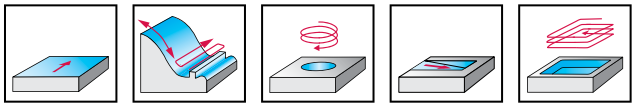
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Copy milling cutters with round inserts

F2334R inch



– Reinforced design
– 4 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2334R	●●	●●	●●		●●		

Tool

Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
ScrewFit										
F2334R.UT28,031.Z04,05	0.197	1.250	1.102	1.575		0.197	4	0.432	4	RO . X10T3M0
Cylindrical shank										
F2334R.UZ31,031.Z04,05	0.197	1.250	1.250	2.750	5.125	0.197	4	1.422	4	RO . X10T3M0
Shell mill mount DIN 138 transverse keyway										
F2334R.UB13,038.Z04,06	0.236	1.500	0.500	1.500		0.236	4	0.375	4	RO . X1204M0
F2334R.UB19,051.Z05,06	0.236	2.000	0.750	1.500		0.236	5	0.758	5	
F2334R.UB19,051.Z06,05	0.197	2.000	0.750	1.500		0.197	6	0.686	6	RO . X10T3M0
F2334R.UB19,051.Z06,06	0.236	2.000	0.750	1.500		0.236	6	0.717	6	RO . X1204M0
F2334R.UB26,064.Z07,06	0.236	2.500	1.000	1.750		0.236	7	1.488	7	

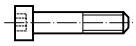
Bodies and assembly parts are included in the scope of delivery

D 2

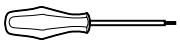
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	RO . X10T3M0	RO . X1204M0
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 2.213 lbs	FS1453 (T15IP) 2.581 lbs
	Clamping screw for arbor-mounted tools		FS1522

Accessories

	Type	RO . X10T3M0	RO . X1204M0
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Torque screwdriver, analog	FS2004	FS2004
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WKP35G	P HC WKP35S	P HC WMP45G	P HC WSP45G	M HC WMP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	ROHX10T3M0-D57	H	4	0.394	☺	☺		☹		☺			☹	☹	☹	☺			☹
	ROHX10T3M0-D67	H	4	0.394	☺			☺		☺	☺		☹	☺		☺	☺		☺
	ROHX10T3M0-F67	H	4	0.394				☹		☺	☺		☹			☺	☺		☹
	ROHX10T3M0T-A27	H	4	0.394		☹									☹				
	ROMX10T3M0-D57	M	4	0.394	☺	☺	☹	☹	☹	☺		☹	☹	☹	☹	☺		☹	☹
	ROMX10T3M0-D67	M	8	0.394				☺		☺		☺	☺			☺		☺	☺
	ROMX10T3M0-F67	M	4	0.394			☹	☹	☹			☹	☹					☹	☹
	ROHX1204M0-D57	H	4	0.472	☺	☺		☹		☺			☹	☹	☹	☺			☹
	ROHX1204M0-D67	H	4	0.472	☺			☺		☺			☺	☺		☺			☺
	ROHX1204M0-F67	H	4	0.472	☺			☹		☺			☹	☹		☺			☹
	ROHX1204M0T-A27	H	4	0.472	☹	☹								☹	☹				
	ROMX1204M0-D57	M	4	0.472	☺	☺	☹	☹	☹	☺		☹	☹	☹	☹	☺		☹	☹
	ROMX1204M0-D67	M	4	0.472			☺	☺	☺			☺	☺					☺	☺
	ROMX1204M0-F67	M	4	0.472			☹	☹	☹			☹	☹					☹	☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Copy milling cutters with round inserts

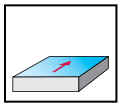
F2010 mm

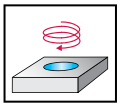
RO . X1605M8





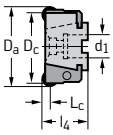
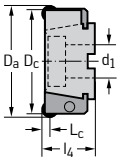
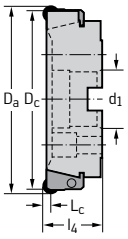
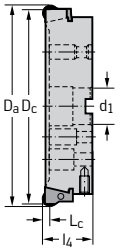
– Adjustable runout
– 8 cutting edges per indexable insert, with indexing surfaces







	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R770M	67	83	27	52	8	6	1.29	6	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R770M	87	103	32	52	8	7	1.84	7	RO . X1605M8
	F2010.B.125.Z08,08.R770M	112	128	40	65	8	8	3.56	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R770M	147	163	40	65	8	10	5.6	10	RO . X1605M8
	F2010.B.200.Z12,08.R770M	187	203	60	65	8	12	8.71	12	
	F2010.B.250.Z12,08.R770M	237	253	60	65	8	12	16.2	12	
	F2010.B.250.Z16,08.R770M	237	253	60	65	8	16	16.3	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R770M	302	318	60	82	8	14	35	14	RO . X1605M8
	F2010.B.315.Z18,08.R770M	302	318	60	82	8	18	23	18	

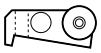
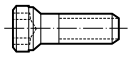
Bodies and assembly parts are included in the scope of delivery

D 2

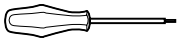
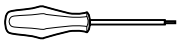
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

New addition to the product range = ☻ ☺ ☹ / ★

Assembly parts

	D_c [mm]	67–302
	Cartridge for tool body	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	67–302
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	16														☺	😐				
	ROHX1605M08-A57	H	8	16	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROMX1605M08-D57	M	8	16		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹	
	ROMX1605M08-F67	M	8	16					😐	😐	☹	😐								😐	☹	😐	
	ROMX1605M0T8-A27	M	8	16		☺	☹	☹						😐	😐	☹	☹						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Copy milling cutters with round inserts

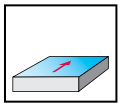
F2010 inch

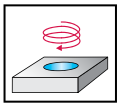
RO . X1605M8





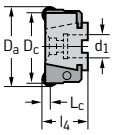
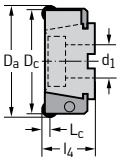
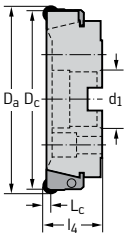
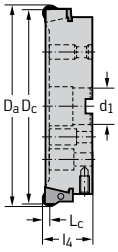
– Adjustable runout
– 8 cutting edges per indexable insert, with indexing surfaces







	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06,08R770M	2.488	3.118	1.000	2.038	0.315	6	2.513	6	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	F2010.UB.102.Z07,08R770M	3.488	4.118	1.250	2.083	0.315	7	5.732	7	RO . X1605M8
	F2010.UB.127.Z08,08R770M	4.488	5.118	1.500	2.580	0.315	8	7.496	8	
	F2010.UB.152.Z10,08R770M	5.488	6.079	1.500	2.580	0.315	10	13.095	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12,08R770M	7.488	8.118	2.500	2.580	0.315	12	23.942	12	RO . X1605M8
	F2010.UB.254.Z12,08R770M	9.488	10.118	2.500	2.580	0.315	12	40.345	12	
	F2010.UB.254.Z16,08R770M	9.488	10.118	2.500	2.580	0.315	16	39.066	16	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18,08R770M	11.488	12.118	2.500	2.580	0.315	18	48.81	18	RO . X1605M8

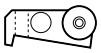
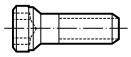
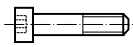
Bodies and assembly parts are included in the scope of delivery

D 2

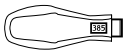
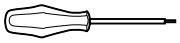
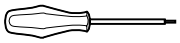
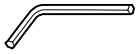
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [inch]	2.488	3.488	4.488–5.488	7.488–11.488
	Cartridge for tool body	FR770M	FR770M	FR770M	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3.688 lbs	FS1495 (T20IP) 3.688 lbs	FS1495 (T20IP) 3.688 lbs	FS1495 (T20IP) 3.688 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbor-mounted tools	FS1519	FS1565	FS1566	

Accessories

	D_c [inch]	2.488–11.488
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	0.630														😊	😐				
	ROHX1605M08-A57	H	8	0.630	😊	😐	😐	😐					😊	😐	😐	😐	😐						😊
	ROMX1605M08-D57	M	8	0.630		😊	😐	😐	😐	😐		😐		😐	😐	😐	😐			😐		😐	
	ROMX1605M08-F67	M	8	0.630					😐	😐	😐	😐								😐	😐	😐	
	ROMX1605M0T8-A27	M	8	0.630		😐	😐	😐						😐	😐	😐	😐						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😐

😊 😐 😐 / ★ = New addition to the product range

Copy milling cutters with round inserts

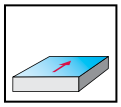
F2010 mm

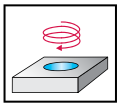
RO . X1204M8





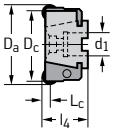
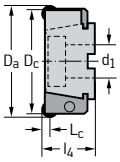
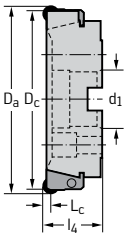
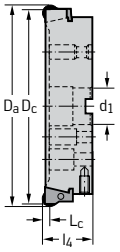
– Adjustable runout
– 8 cutting edges per indexable insert, with indexing surfaces







	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,06.R771M	71	83	27	52	6	6	1.29	6	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,06.R771M	91	103	32	52	6	7	1.84	7	RO . X1204M8
	F2010.B.125.Z08,06.R771M	116	128	40	65	6	8	3.56	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,06.R771M	151	163	40	65	6	10	5.6	10	RO . X1204M8
	F2010.B.200.Z12,06.R771M	191	203	60	65	6	12	8.71	12	
	F2010.B.250.Z12,06.R771M	241	253	60	65	6	12	16.2	12	
	F2010.B.250.Z16,06.R771M	241	253	60	65	6	16	16.3	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,06.R771M	306	318	60	82	6	14	35	14	RO . X1204M8
	F2010.B.315.Z18,06.R771M	306	318	60	82	6	18	23	18	

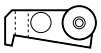
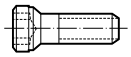
Bodies and assembly parts are included in the scope of delivery

D 2

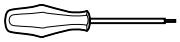
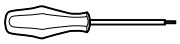
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	71–306
	Cartridge for tool body	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	71–306
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														☺	😐				
	ROHX1204M08-A57	H	8	12	☺	😐	😐	😐					☺	😐	😐	😐	😐						☺
	ROMX1204M08-D57	M	8	12		☺	😐	😐	😐	😐		😐		😐	😐	😐	😐			😐		😐	
	ROMX1204M08-F67	M	8	12					😐	😐	😐	😐								😐	😐	😐	
	ROMX1204M0T8-A27	M	8	12		☺	😐	😐						😐	😐	😐	😐						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😐

☺ 😐 😐 / ★ = New addition to the product range

Copy milling cutters with round inserts

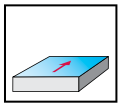
F2010 inch

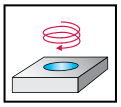
RO . X1204M8





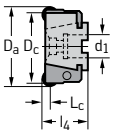
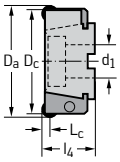
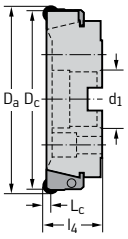
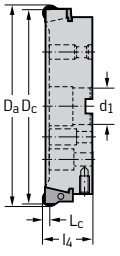
– Adjustable runout
– 8 cutting edges per indexable insert, with indexing surfaces







	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06,06R771M	3.646	4.118	1.000	2.038	0.236	6	2.513	6	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	F2010.UB.102.Z07,06R771M	2.650	3.122	1.250	2.083	0.236	7	5.732	7	RO . X1204M8
	F2010.UB.127.Z08,06R771M	4.724	5.197	1.500	2.580	0.236	8	7.496	8	
	F2010.UB.152.Z10,06R771M	5.646	6.118	1.500	2.580	0.236	10	13.095	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12,06R771M	7.646	8.118	2.500	2.580	0.236	12	23.942	12	RO . X1204M8
	F2010.UB.254.Z12,06R771M	9.646	10.118	2.500	2.580	0.236	12	40.345	12	
	F2010.UB.254.Z16,06R771M	9.646	10.118	2.500	2.580	0.236	16	39.066	16	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18,06R771M	11.646	12.118	2.500	2.580	0.236	18	48.81	18	RO . X1204M8

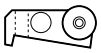
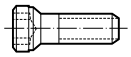
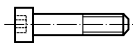
Bodies and assembly parts are included in the scope of delivery

D 2

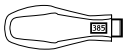
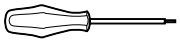
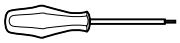
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [inch]	2.65	3.646	4.724–5.646	7.646–11.646
	Cartridge for tool body	FR771M	FR771M	FR771M	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs	FS247 (SW 4) 5.9 lbs
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs	FS1453 (T15IP) 2.581 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbor-mounted tools	FS1565	FS1519	FS1566	

Accessories

	D_c [inch]	2.65–11.646
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	0.472														☺	😐				
	ROHX1204M08-A57	H	8	0.472	☺	😐	😟	😟					☺	😐	😐	😟	😟						☺
	ROMX1204M08-D57	M	8	0.472		☺	😐	😐	😟	😐		😟		😐	😐	😟	😟			😐		😟	
	ROMX1204M08-F67	M	8	0.472					😟	😐	😟	😟								😐	😟	😟	
	ROMX1204M0T8-A27	M	8	0.472		😐	😟	😟						😐	😐	😟	😟						

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

☺ 😐 😟 / ★ = New addition to the product range

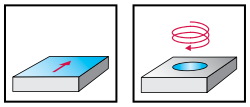
Copy milling cutters with round inserts

F2010 mm

RO . X1605M0

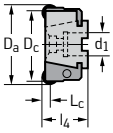
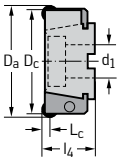
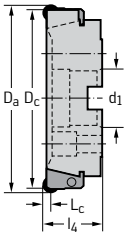
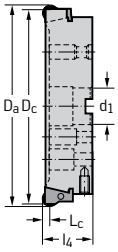


– Adjustable runout
– 6 cutting edges per indexable insert, with indexing surfaces





	P	M	K	N	S	H	O
F2010	●●	●●	●●		●●	●	

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06,08.R723M	67.3	83.3	27	52	8	6	1.29	6	RO . X1605M0
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07,08.R723M	87.3	103.3	32	52	8	7	1.84	7	RO . X1605M0
	F2010.B.125.Z08,08.R723M	112.3	128.3	40	65	8	8	3.56	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10,08.R723M	147.3	163.3	40	65	8	10	5.6	10	RO . X1605M0
	F2010.B.200.Z12,08.R723M	187.3	203.3	60	65	8	12	8.71	12	
	F2010.B.250.Z12,08.R723M	237.3	253.3	60	65	8	12	16.2	12	
	F2010.B.250.Z16,08.R723M	237.3	253.3	60	65	8	16	16.3	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14,08.R723M	302.3	318.3	60	82	8	14	35	14	RO . X1605M0
	F2010.B.315.Z18,08.R723M	302.3	318.3	60	82	8	18	23	18	

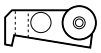
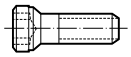
Bodies and assembly parts are included in the scope of delivery

D 2

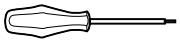
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	67.3–302.3
	Cartridge for tool body	FR723M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	67.3–302.3
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	ROHX1605M0-D57	H	6	16		☺	☹		☹		☹		☹
	ROHX1605M0-D67	H	6	16			☺		☺				☺
	ROHX1605M0T-A27	H	6	16	☹	☹				☹	☹		
	ROMX1605M0-D57	M	6	16	☺	☺	☹	☺	☹	☹	☹	☺	☹

HC = Coated carbide

D 2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Profile milling cutters

M5460 mm

Xtra·tec® XT



– Steel shank

	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	T Nm	Type
ScrewFit										
M5460-008-T09-02-04	8	4	9.7	20		2	0.01	1	6	P320 . -D08
M5460-010-T09-02-05	10	5	9.7	25		2	0.02	1	6	P320 . -D10
M5460-012-T09-02-06	12	6	9.7	25		2	0.02	1	6	P320 . -D12
M5460-012-T14-02-06	12	6	14.5	25		2	0.02	1	25	
M5460-016-T14-02-08	16	8	14.5	25		2	0.03	1	25	P320 . -D16
M5460-020-T18-02-10	20	10	18.5	30		2	0.05	1	50	P320 . -D20
M5460-025-T22-02-12	25	12.5	22	35		2	0.08	1	80	P320 . -D25
M5460-030-T28-02-15	30	15	28	40		2	0.15	1	150	P320 . -D30
M5460-032-T28-02-16	32	16	28	40		2	0.15	1	150	P320 . -D32
Cylindrical modular										
M5460-008-TC06-02-04	8	4	9.7	20		2	0.01	1		P320 . -D08
M5460-010-TC06-02-05	10	5	9.7	25		2	0.01	1		P320 . -D10
M5460-012-TC06-02-06	12	6	9.7	25		2	0.01	1		P320 . -D12
M5460-016-TC08-02-08	16	8	14.5	25		2	0.02	1		P320 . -D16
M5460-020-TC10-02-10	20	10	18.5	30		2	0.05	1		P320 . -D20
M5460-025-TC12-02-12	25	12.5	22	35		2	0.08	1		P320 . -D25
M5460-030-TC16-02-15	30	15	28	40		2	0.14	1		P320 . -D30
M5460-032-TC16-02-16	32	16	28	40		2	0.14	1		P320 . -D32
DIN 1835 B										
M5460-008-W12-02-04	8	4	12	50	140	2	0.1	1		P320 . -D08
M5460-010-W12-02-05	10	5	12	35	150	2	0.11	1		P320 . -D10
M5460-012-W16-02-06	12	6	16	58.5	160	2	0.2	1		P320 . -D12
M5460-016-W20-02-08	16	8	20	65	175	2	0.34	1		P320 . -D16
M5460-020-W25-02-10	20	10	25	76	190	2	0.57	1		P320 . -D20
M5460-025-W32-02-12	25	12.5	32	98	210	2	1.01	1		P320 . -D25
Cylindrical shank										
M5460-008-A10-02-04	8	4	10	25	110	2	0.05	1		P320 . -D08
M5460-010-A12-02-05	10	5	12	30	130	2	0.1	1		P320 . -D10
M5460-012-A12-02-06	12	6	12	32	130	2	0.09	1		P320 . -D12
M5460-016-A16-02-08	16	8	16	36	140	2	0.2	1		P320 . -D16
M5460-020-A20-02-10	20	10	20	45	160	2	0.32	1		P320 . -D20
M5460-025-A25-02-12	25	12.5	25	45	160	2	0.42	1		P320 . -D25
M5460-030-A32-02-15	30	15	32	56	175	2	0.89	1		P320 . -D30
M5460-032-A32-02-16	32	16	32	56	175	2	0.9	1		P320 . -D32

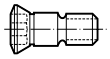
Bodies and assembly parts are included in the scope of delivery

D 2

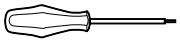
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	8	10	12	16	20	25	30–32
	Clamping screw for indexable insert Tightening torque	FS2070 (T8IP) 2 Nm	FS2071 (T15IP) 4 Nm	FS2072 (T20IP) 5 Nm	FS2073 (T20IP) 5 Nm	FS2074 (T20IP) 5 Nm	FS2075 (T20IP) 5 Nm	FS2107 (T30IP) 6 Nm

Accessories

	D_c [mm]	8	10	12	16–20	25	30–32
	Torque T-handle						FS2041
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2108 (T30IP)
	Screwdriver	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS2109 (T30IP)

Indexable inserts

	Designation	D_c -0.03 mm	P HC WHH15X	P HC WKP25	P HC WKP35	P HC WSP46	P HC WSP46G	M HC WSM36	M HC WSM36G	M HC WSP46	M HC WSP46G	K HC WHH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSM36G	S HC WSP46	S HC WSP46G	H HC WHH15X
	P3201-D08	8	☺									☺							☺
	P3201-D10	10	☺	😐	☹							☺	😐	☹					☺
	P3201-D12	12	☺	😐	☹							☺	😐	☹					☺
	P3201-D16	16	☺	😐	☹							☺	😐	☹					☺
	P3201-D20	20	☺	😐	☹							☺	😐	☹					☺
	P3201-D25	25	☺	😐	☹							☺	😐	☹					☺
	P3201-D30	30	☺									☺							☺
	P3201-D32	32	☺									☺							☺
	P3204-D08	8				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D10	10				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D12	12				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D16	16				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D20	20				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D25	25				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D30	30				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D32	32				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

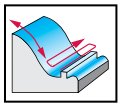
Profile milling cutters

M5460 mm

Xtra·tec® XT



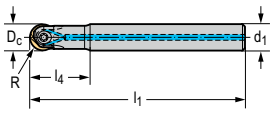
– Steel shank





	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool



Cylindrical shank

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	T Nm	Type
M5460-008-A08-02-04-C	8	4	8	25	70	2	0.02	1		P320 . -D08
M5460-008-A08-02-04-C-L	8	4	8	55	100	2	0.03	1		
M5460-008-A08-02-04-C-XL	8	4	8	105	150	2	0.05	1		
M5460-010-A10-02-05-C	10	5	10	30	80	2	0.04	1		P320 . -D10
M5460-010-A10-02-05-C-L	10	5	10	70	120	2	0.06	1		
M5460-010-A10-02-05-C-XL	10	5	10	100	150	2	0.07	1		
M5460-012-A12-02-06-C	12	6	12	32	90	2	0.07	1		P320 . -D12
M5460-012-A12-02-06-C-L	12	6	12	87	145	2	0.18	1		
M5460-012-A12-02-06-C-XL	12	6	12	142	200	2	0.27	1		
M5460-016-A16-02-08-C	16	8	16	43	110	2	0.26	1		P320 . -D16
M5460-016-A16-02-08-C-L	16	8	16	73	140	2	0.18	1		
M5460-016-A16-02-08-C-XL	16	8	16	128	195	2	0.24	1		
M5460-020-A20-02-10-C	20	10	20	47	130	2	0.49	1		P320 . -D20
M5460-020-A20-02-10-C-L	20	10	20	107	190	2	0.39	1		
M5460-025-A25-02-12-C	25	12.5	25	77	160	2	0.9	1		P320 . -D25
M5460-025-A25-02-12-C-L	25	12.5	25	167	250	2	1.44	1		

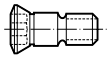
Bodies and assembly parts are included in the scope of delivery

D2

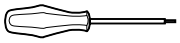
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	8	10	12	16	20	25	30–32
	Clamping screw for indexable insert Tightening torque	FS2070 (T8IP) 2 Nm	FS2071 (T15IP) 4 Nm	FS2072 (T20IP) 5 Nm	FS2073 (T20IP) 5 Nm	FS2074 (T20IP) 5 Nm	FS2075 (T20IP) 5 Nm	FS2107 (T30IP) 6 Nm

Accessories

	D_c [mm]	8	10	12	16–20	25	30–32
	Torque T-handle						FS2041
	Torque screwdriver, analog	FS2003	FS2003	FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2108 (T30IP)
	Screwdriver	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS2109 (T30IP)

Indexable inserts

	Designation	D_c -0.03 mm	P HC WHH15X	P HC WKP25	P HC WKP35	P HC WSP46	P HC WSP46G	M HC WSM36	M HC WSM36G	M HC WSP46	M HC WSP46G	K HC WHH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSM36G	S HC WSP46	S HC WSP46G	H HC WHH15X
	P3201-D08	8	☺									☺							☺
	P3201-D10	10	☺	😐	☹							☺	😐	☹					☺
	P3201-D12	12	☺	😐	☹							☺	😐	☹					☺
	P3201-D16	16	☺	😐	☹							☺	😐	☹					☺
	P3201-D20	20	☺	😐	☹							☺	😐	☹					☺
	P3201-D25	25	☺	😐	☹							☺	😐	☹					☺
	P3201-D30	30	☺									☺							☺
	P3201-D32	32	☺									☺							☺
	P3204-D08	8				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D10	10				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D12	12				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D16	16				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D20	20				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D25	25				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D30	30				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺
	P3204-D32	32				☹	☹	😐	😐	☹	☹	☺			😐	😐	☹	☹	☺

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

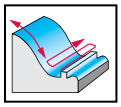
Profile milling cutters

M5460 inch

Xtra·tec® XT



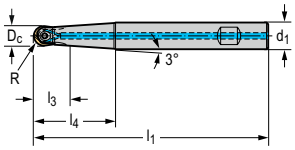
– Steel shank





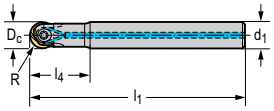
	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool



DIN 1835 B

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
M5460,009-W13-02-05	0.375	0.187	0.500	1.378	5.906	2	0.262	1	P320 . -D09,52
M5460,013-W15-02-06	0.500	0.250	0.625	2.303	6.299	2	0.430	1	P320 . -D12,7
M5460,015-W19-02-08	0.625	0.312	0.750	2.559	6.890	2	0.688	1	P320 . -D15,87
M5460,019-W26-02-10	0.750	0.375	1.000	2.992	7.48	2	1.287	1	P320 . -D19,05
M5460,026-W31-02-13	1.000	0.500	1.250	3.858	8.268	2	2.18	1	P320 . -D25,4



Cylindrical shank

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
M5460,009-A13-02-05	0.375	0.187	0.500	1.307	5.118	2	0.216	1	P320 . -D09,52
M5460,013-A13-02-06	0.500	0.250	0.500	1.331	5.118	2	0.225	1	P320 . -D12,7
M5460,015-A15-02-08	0.625	0.312	0.625	1.48	5.512	2	0.384	1	P320 . -D15,87
M5460,019-A19-02-10	0.750	0.375	0.750	1.807	6.299	2	0.648	1	P320 . -D19,05
M5460,026-A26-02-13	1.000	0.500	1.000	1.854	6.299	2	1.111	1	P320 . -D25,4

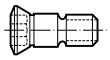
Bodies and assembly parts are included in the scope of delivery

D 2

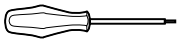
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [inch]	0.375	0.5	0.625	0.75	1
	Clamping screw for indexable insert Tightening torque	FS2071 (T15IP) 2.95 lbs	FS2072 (T20IP) 3.688 lbs	FS2073 (T20IP) 3.688 lbs	FS2074 (T20IP) 3.688 lbs	FS2075 (T20IP) 3.688 lbs

Accessories

	D_c [inch]	0.375	0.5–1
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	$D_c^{-0.03}$ inch	P			M				K	S				H
				HC			HC			HC	HC				HC
			WHH15X	WSP46	WSP46G	WSM36	WSM36G	WSP46	WSP46G	WHH15X	WSM36	WSM36G	WSP46	WSP46G	WHH15X
	P3201-D09,52	0.375	●							●					●
	P3204-D09,52	0.375		●	●		●	●	●	●		●	●	●	●
	P3201-D12,7	0.500	●							●					●
	P3204-D12,7	0.500		●	●	●	●	●	●	●	●	●	●	●	●
	P3201-D15,87	0.625	●							●					●
	P3204-D15,87	0.625		●	●		●	●	●	●		●	●	●	●
	P3201-D19,05	0.750	●							●					●
	P3204-D19,05	0.750		●	●	●	●	●	●	●	●	●	●	●	●
	P3201-D25,4	1.000	●							●					●
	P3204-D25,4	1.000		●	●		●	●	●	●		●	●	●	●

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ● → Good = ● → Moderate = ●

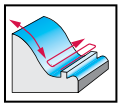
● ● ● / ★ = New addition to the product range

Copy milling cutters

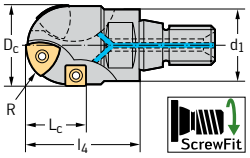
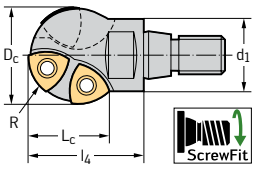
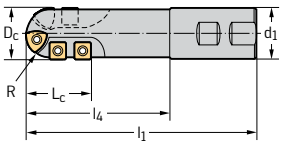
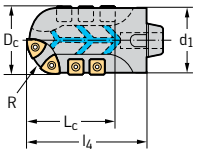
F2239 / F2239B mm



– With peripheral cutting edges
– 3 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2239	●●	●●	●●		●●		

Tool	Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
 ScrewFit	F2239.T18,020.Z01,15	20	10	18.5	30		1	0.05	2 1	P26315R10 SPM . 060304
	F2239.T22,025.Z01,18	25	12.5	22	35		1	0.09	2 1	P26315R12 SPM . 060304
	F2239.T28,030.Z01,23	30	15	28	40		1	0.15	2 1	P26315R15 SPM . 09T308
	F2239.T28,032.Z01,24	32	16	28	40		1	0.17	2 1	P26315R16 SPM . 09T308
	F2239.T36,040.Z01,41	40	20	36	65		1	0.42	2 2	P26315R20 SPM . 120408
	F2239.T45,050.Z01,46	50	25	45	70		1	0.63	3 2	P26315R25 SPM . 120408
 ScrewFit	F2239B.T14,020.Z01,10	20	10	14.5	25		1	0.04	3	P26315R10
	F2239B.T18,025.Z01,12	25	12.5	18.5	30		1	0.07	3	P26315R12
	F2239B.T22,030.Z01,15	30	15	22	40		1	0.11	3	P26315R15
	F2239B.T22,032.Z01,16	32	16	22	40		1	0.11	3	P26315R16
	F2239B.T28,040.Z01,20	40	20	28	45		1	0.22	3	P26315R20
 DIN 1835 B	F2239.W.020.Z01,25	20	10	20	59	110	1	0.21	2 3	P26315R10 SPM . 060304
	F2239.W.025.Z01,28	25	12.5	25	73	130	1	0.42	2 3	P26315R12 SPM . 060304
	F2239.W.032.Z01,38	32	16	32	99	160	1	0.81	2 3	P26315R16 SPM . 09T308
	F2239.W.040.Z01,51	40	20	40	119	190	1	1.49	2 3	P26315R20 SPM . 120408
 Modular NCT adaptor	F2239.N5,050.Z01,46	50	25	50	70		1	0.6	3 2	P26315R25 SPM . 120408
	F2239.N5,050.Z01,77	50	25	50	105		1	0.88	3 5	
	F2239.N6,063.Z01,53	63	31.5	63	80		1	1.17	3 2	P26315R31 SPM . 120408
	F2239.N6,063.Z01,84	63	31.5	63	115		1	1.76	3 5	

Bodies and assembly parts are included in the scope of delivery

D 2

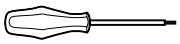
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	20	25	30	32	40–63
	Clamping screw for indexable insert Tightening torque	FS1129 (T8) 0.8 Nm	FS923 (T8) 0.8 Nm	FS359 (T15) 2.5 Nm	FS359 (T15) 2.5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	20	25	30–32	40	50	63
	Screwdriver for indexable insert	FS230 (T8)	FS230 (T8)	FS229 (T15)	FS228 (T20)	FS228 (T20)	FS228 (T20)
	Torque screwdriver, analog	FS2001	FS2001	FS2003			
	Torque screwdriver, digital		FS2248	FS2248			
	Torque T-handle				FS2041	FS2041	FS2041
	Interchangeable blade	FS2007 (T8)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2044 (T20)	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P			M	K		S
						HC		HC	HC		HC
					WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WSP45G
	P26315R10	M	3	0.5	☺	😐	☹	☹	😐	☹	☹
	P26315R12	M	3	0.6	☺	😐	☹	☹	😐	☹	☹
	P26315R15	M	3	0.6	☺	😐	☹	☹	😐	☹	☹
	P26315R16	M	3	0.6	☺	😐	☹	☹	😐	☹	☹
	P26315R20	M	3	0.4	☺	😐	☹	☹	😐	☹	☹
	P26315R25	M	3	1.2	☺	😐	☹	☹	😐	☹	☹
	P26315R31	M	3	0.6	☺	😐	☹	☹	😐	☹	☹
	SPMT060304-D51	M	4	0.4	☺	😐	☹	☹	😐	☹	☹
	SPMT060304-F55	M	4	0.4	☺	😐	☹	☹	😐	😐	☹
	SPMW060304-A57	M	4	0.4	😐				😐		
	SPMW060304T-A27	M	4	0.4		☹				☹	
	SPMT09T308-D51	M	4	0.8	☺	😐	☹	☹	😐	☹	☹
	SPMT09T308-F55	M	4	0.8	☺	😐	☹	☹	😐	😐	☹
	SPMW09T308-A57	M	4	0.8	😐	☹			😐	☹	
	SPMW09T308T-A27	M	4	0.8	😐	☹			😐	☹	
	SPMT120408-D51	M	4	0.8	☺	😐	☹	☹	😐	☹	☹
	SPMT120408-F55	M	4	0.8	☺	😐	☹	☹	😐	😐	☹
	SPMW120408-A57	M	4	0.8	😐	☹			😐	☹	
	SPMW120408T-A27	M	4	0.8	😐	☹			😐	☹	

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

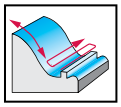
☺ 😐 ☹ / ★ = New addition to the product range

Copy milling cutters

F2339 mm



– With anti-twist protection
– 2 cutting edges per indexable insert

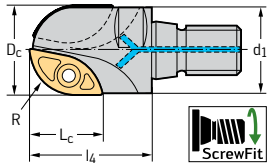




	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

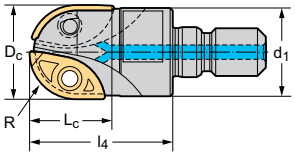
Tool

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
F2339.T14,016.Z02,11	16	8	14.5	25		2	0.03	2	XD . 1303080R
F2339.T18,020.Z02,15	20	10	18.5	30		2	0.05	2	XD . T16T3100R
F2339.T22,025.Z02,20	25	12.5	22	35		2	0.09	2	XD . T2004125R
F2339.T28,030.Z02,24	30	15	28	40		2	0.15	2	XD . T2405150R
F2339.T28,032.Z02,25	32	16	28	40		2	0.16	2	XD . T2506160R
F2339.T36,040.Z02,31	40	20	36	50		2	0.31	2	XD . T3207200R
F2339.T45,050.Z02,40	50	25	45	60		2	0.51	2	XD . 4009250R



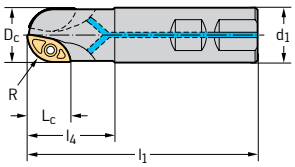
ScrewFit

F2339.TC08,016.Z02,11	16	8	14.5	25		2	0.03	2	XD . 1303080R
F2339.TC10,020.Z02,15	20	10	18.5	30		2	0.04	2	XD . T16T3100R
F2339.TC12,025.Z02,20	25	12.5	22	35		2	0.07	2	XD . T2004125R
F2339.TC16,030.Z02,24	30	15	28	40		2	0.14	2	XD . T2405150R
F2339.TC16,032.Z02,25	32	16	28	40		2	0.13	2	XD . T2506160R



Cylindrical modular

F2339.W16,016.Z02,11	16	8	16	25	74	2	0.1	2	XD . 1303080R
F2339.W20,020.Z02,15	20	10	20	35	90	2	0.18	2	XD . T16T3100R
F2339.W25,025.Z02,20	25	12.5	25	40	105	2	0.32	2	XD . T2004125R
F2339.W32,030.Z02,24	30	15	32	50	125	2	0.61	2	XD . T2405150R
F2339.W32,032.Z02,25	32	16	32	50	125	2	0.62	2	XD . T2506160R
F2339.W40,040.Z02,31	40	20	40	65	150	2	1.14	2	XD . T3207200R



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D2

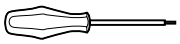
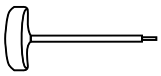
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	16	20	25	30–32	40	50
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm	FS1013 (T8) 1 Nm	FS378 (T15) 3 Nm	FS1165 (T20) 6 Nm	FS1164 (T25) 10 Nm	FS1152 (T30) 10 Nm

Accessories

	D_c [mm]	16	20	25	30	32	40	50
	Screwdriver for indexable insert	FS1483 (T8IP)	FS230 (T8)	FS229 (T15)				
	Handle key				FS1173 (T20)	FS1173 (T20)	FS1174 (T25)	FS1175 (T30)
	Torque screwdriver, analog	FS2001	FS2001	FS2003				
	Torque screwdriver, digital	FS2248	FS2248	FS2248				
	Interchangeable blade						FS2045 (T25)	
	Torque T-handle				FS2041	FS2041	FS2041	FS2041
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2044 (T20)	FS2044 (T20)	FS2046 (T30)

Tool

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	α °	R mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	XDGT1303079R-D57	G	2	3	13.12	8.5	15°	7.84				☹			☹						☹
	XDGT1303080R-D57	G	2	3	13.12	8.5	15°	8			😐							😐			
	XDGT16T3095R-D57	G	2	3.74	15.93	9	15°	9.53				☹			☹						☹
	XDGT16T3100R-D57	G	2	3.74	15.93	9	15°	10			😐	☹			☹			😐			☹
	XDGT2004125R-D57	G	2	4.68	19.94	11.3	15°	12.5			😐	☹			☹			😐			☹
	XDGT2004127R-D57	G	2	4.68	19.94	11.3	15°	12.7				☹			☹						☹
	XDGT2405150R-D57	G	2	5.62	23.94	13.5	15°	15			😐							😐			
	XDGT2506160R-D57	G	2	6	25.54	14.4	15°	16			😐	☹			☹			😐			☹
	XDGT3207200R-D57	G	2	7.5	31.95	18	15°	20			😐	☹			☹			😐			☹
	XDGT4009250R-D57	G	2	9.39	39.95	22.5	15°	25			😐	☹			☹			😐			☹
	XDMT1303079R-F55	M	2	3	13.12	8.5	15°	7.92				☹			☹						☹
	XDMT1303080R-F55	M	2	3	13.12	8.5	15°	8	☺	😐	😐	☹	😐		☹	😐	😐	😐	😐		☹
	XDMT16T3095R-F55	M	2	3.74	15.93	9	15°	9.53				☹			☹						☹
	XDMT16T3100R-F55	M	2	3.74	15.93	9	15°	10	☺	😐	😐	☹	😐		☹	😐	😐	😐	😐		☹
	XDMT2004125R-F55	M	2	4.68	19.94	11.3	15°	12.5	☺	😐	😐	☹	😐		☹	😐	😐	😐	😐		☹
	XDMT2004127R-F55	M	2	4.68	19.94	11.3	15°	12.7				☹			☹						☹
	XDMT2405150R-F55	M	2	5.62	23.94	13.5	15°	15	☺	😐	😐	☹	😐		☹	😐	😐	😐	😐		☹
	XDMT2506159R-F55	M	2	6	25.54	14.4	15°	15.88				☹			☹						☹
	XDMT2506160R-F55	M	2	6	25.54	14.4	15°	16	☺	😐	😐	☹	😐	😐	☹	😐	😐	😐	😐	😐	☹
	XDMT3207200R-F55	M	2	7.5	31.95	18	15°	20	☺	😐	😐	☹	😐	😐	☹	😐	😐	😐	😐	😐	☹
	XDMT4009250R-F55	M	2	9.39	39.95	22.5	15°	25	☺	😐	😐	☹			☹	😐	😐	😐			☹

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

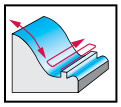
☺ 😐 ☹ / ★ = New addition to the product range

Copy milling cutters

F2339 inch



– With anti-twist protection
– 2 cutting edges per indexable insert

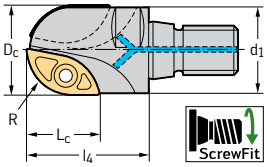




	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

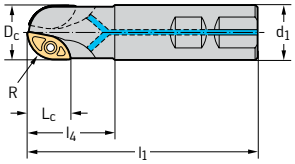
Tool

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
F2339.UT14,015.Z02,11	0.625	0.313	0.571	0.984		2	0.082	2	XD . 1303080R
F2339.UT18,019.Z02,15	0.750	0.375	0.728	1.181		2	0.099	2	XD . T16T3100R
F2339.UT22,026.Z02,20	1.000	0.500	0.866	1.378		2	0.172	2	XD . T2004125R
F2339.UT28,031.Z02,25	1.250	0.625	1.102	1.575		2	0.302	2	XD . T2506160R
F2339.UT36,038.Z02,31	1.500	0.750	1.417	1.969		2	0.688	2	XD . T3207200R
F2339.UT45,051.Z02,40	2.000	0.992	1.772	2.362		2	1.005	2	XD . 4009250R



ScrewFit

F2339.UW15,015.Z02,11	0.625	0.313	0.625	0.984	2.89	2	0.22	2	XD . 1303080R
F2339.UW19,019.Z02,15	0.750	0.375	0.750	1.378	3.378	2	0.326	2	XD . T16T3100R
F2339.UW26,026.Z02,20	1.000	0.500	1.000	1.575	3.825	2	0.642	2	XD . T2004125R



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D2

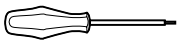
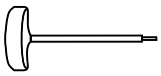
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [inch]	0.625	0.75	1	1.25	1.5	2
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0.885 lbs	FS1013 (T8) 0.738 lbs	FS378 (T15) 2.213 lbs	FS1165 (T20) 4.425 lbs	FS1164 (T25) 7.376 lbs	FS1152 (T30) 7.376 lbs

Accessories

	D_c [inch]	0.625	0.75	1	1.25	1.5	2
	Screwdriver for indexable insert	FS1483 (T8IP)	FS230 (T8)	FS229 (T15)			
	Handle key for indexable insert				FS1173 (T20)	FS1174 (T25)	FS1175 (T30)
	Torque screwdriver, analog	FS2002	FS2002	FS2004			
	Torque screwdriver, digital	FS2248	FS2248	FS2248			
	Torque T-handle				FS2042	FS2042	FS2042
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2045 (T25)	FS2046 (T30)

Tool

	Designation	Tolerance class	Number of cutting edges	s inch	l inch	l_2 inch	α °	R inch	P HC WSP45G	M HC WSP45G	S HC WSP45G
	XDGT1303079R-D57	G	2	0.118	0.517	0.335	15°	0.309	☻	☻	☻
	XDGT16T3095R-D57	G	2	0.147	0.627	0.354	15°	0.375	☻	☻	☻
	XDGT2004127R-D57	G	2	0.184	0.785	0.445	15°	0.500	☻	☻	☻
	XDGT3207191R-D57	G	2	0.295	1.258	0.709	15°	0.750	☻	☻	☻
	XDGT4009254R-D57	G	2	0.370	1.573	0.886	15°	1.000	☻	☻	☻
	XDMT1303079R-F55	M	2	0.118	0.517	0.335	15°	0.312	☻	☻	☻
	XDMT16T3095R-F55	M	2	0.147	0.627	0.354	15°	0.375	☻	☻	☻
	XDMT2004127R-F55	M	2	0.184	0.785	0.445	15°	0.500	☻	☻	☻
	XDMT2506159R-F55	M	2	0.236	1.006	0.567	15°	0.625	☻	☻	☻
	XDMT3207191R-F55	M	2	0.295	1.258	0.709	15°	0.750	☻	☻	☻
	XDMT4009254R-F55	M	2	0.370	1.573	0.886	15°	1.000	☻	☻	☻

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

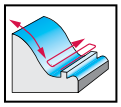
☻ ☻ ☻ / ★ = New addition to the product range

Copy milling cutters

F2339 mm



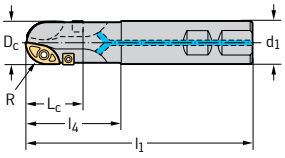
– With anti-twist protection
– 2 or 4 cutting edges per indexable insert, with peripheral cutting edges





	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

Tool



DIN 1835 B

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
F2339.W20,016.Z02,24	16	8	20	40	91	2	0.16	2 2	XD . 1303080R SPM . 060304
F2339.W20,020.Z02,28	20	10	20	50	110	2	0.21	2 2	XD . T16T3100R SPM . 060304
F2339.W25,025.Z02,32	25	12.5	25	55	130	2	0.4	2 2	XD . T2004125R SPM . 060304
F2339.W32,030.Z02,42	30	15	32	70	160	2	0.77	2 2	XD . T2405150R SPM . 09T308
F2339.W32,032.Z02,43	32	16	32	70	160	2	0.79	2 2	XD . T2506160R SPM . 09T308
F2339.W40,040.Z02,57	40	20	40	90	190	2	1.43	2 2	XD . T3207200R SPM . 120408

A feed of Z = 1 is to be expected at the full cutting depth L_c. | Bodies and assembly parts are included in the scope of delivery

D 2

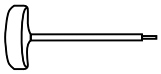
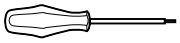
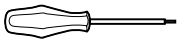
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

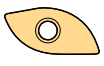
Assembly parts

	D_c [mm]	16	20	25	30–32	40
	Clamping screw for radius insert		FS1013 (T8) 1 Nm	FS378 (T15) 3 Nm	FS1165 (T20) 6 Nm	FS1164 (T25) 10 Nm
	Clamping screw for square insert Tightening torque	FS1454 (T8IP) 1.2 Nm	FS923 (T8) 0.8 Nm	FS923 (T8) 0.8 Nm	FS359 (T15) 2.5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	16	20	25	30	32	40
	Handle key for radius insert				FS1173 (T20)	FS1173 (T20)	FS1174 (T25)
	Screwdriver for radius insert			FS229 (T15)	FS229 (T15)	FS229 (T15)	
	Screwdriver for square insert	FS1483 (T8IP)	FS230 (T8)	FS230 (T8)			FS228 (T20)
	Torque screwdriver, analog	FS2001	FS2001	FS2001			
	Torque screwdriver, analog			FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2007 (T8)			
	Interchangeable blade		FS2009 (T15)	FS2009 (T15)	FS2009 (T15)	FS2009 (T15)	FS2041

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	r mm	α °	R mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC HC WSM35G	M HC HC WSP45G	M ND WSM35G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G	S ND WSM35G
	SPMT060304-D51	M	4		0.4	11°		☺		😐	☹	😐	☹	😐	😐		☹	😐	☹	😐
	SPMT060304-F55	M	4		0.4	11°		☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	SPMW060304T-A27	M	4		0.4	11°				☹							☹			
	SPMT09T308-D51	M	4		0.8	11°		☺		😐	☹	😐	☹	😐	😐		☹	😐	☹	😐
	SPMT09T308-F55	M	4		0.8	11°		☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	SPMW09T308T-A27	M	4		0.8	11°				☹							☹			
	SPMW09T308-A57	M	4		0.8	11°				☹							☹			
	SPMT120408-D51	M	4		0.8	11°		☺		😐	☹	😐	☹	😐	😐		☹	😐	☹	😐
	SPMT120408-F55	M	4		0.8	11°		☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	SPMW120408T-A27	M	4		0.8	11°				☹							☹			
	SPMW120408-A57	M	4		0.8	11°				☹							☹			
	XDGT1303080R-D57	G	2	8.5	0.5	15°	8			😐							☹			
	XDMT1303080R-F55	M	2	8.5	0.5	15°	8	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	XDGT16T3100R-D57	G	2	9	0.5	15°	10			😐	☹		☹				☹		☹	
	XDMT16T3100R-F55	M	2	9	0.5	15°	10	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	XDGT2004125R-D57	G	2	11.3	0.6	15°	12.5			😐	☹		☹				☹		☹	
	XDMT2004125R-F55	M	2	11.3	0.6	15°	12.5	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	XDGT2405150R-D57	G	2	13.5	0.8	15°	15			😐							☹			
	XDMT2405150R-F55	M	2	13.5	0.8	15°	15	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	XDGT2506160R-D57	G	2	14.4	0.8	15°	16			😐	☹		☹				☹		☹	
	XDMT2506160R-F55	M	2	14.4	0.8	15°	16	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐
	XDGT3207200R-D57	G	2	18	1	15°	20			😐	☹		☹				☹		☹	
	XDMT3207200R-F55	M	2	18	1	15°	20	☺	😐	😐	☹	😐	☹	😐	😐	😐	😐	😐	☹	😐

HC = Coated carbide
ND =

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

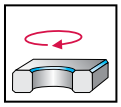
☺ 😐 ☹ / ★ = New addition to the product range

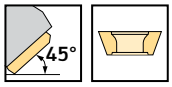
Chamfer milling cutters

M4574 mm



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
M4574-012-T09-02-03	12	20.3	9.7	20		3.5	2	0.01	2	SDM . 06T204
M4574-016-T14-03-03	16	24.3	14.5	25		3.5	3	0.04	3	
M4574-020-T18-02-05	20	32.8	18.5	30		5.5	2	0.09	2	SDM . 09T308
M4574-025-T22-03-05	25	37.8	22	35		5.5	3	0.13	3	
M4574-032-T28-03-05	32	44.8	28	40		5.5	3	0.24	3	
M4574-032-T28-03-07	32	48.6	28	40		7.5	3	0.23	3	SDM . 120408
Cylindrical modular										
M4574-012-TC06-02-03	12	20.3	9.7	20		3.5	2	0.03	2	SDM . 06T204
M4574-016-TC08-03-03	16	24.3	14.5	25		3.5	3	0.04	3	
M4574-020-TC10-02-05	20	32.8	18.5	30		5.5	2	0.07	2	SDM . 09T308
M4574-025-TC12-03-05	32	37.8	22	35		5.5	3	0.12	3	
M4574-032-TC16-03-05	32	44.8	28	40		5.5	3	0.21	3	
M4574-032-TC16-03-07	32	48.6	28	40		7.5	3	0.24	3	SDM . 120408
Cylindrical shank										
M4574-008-A12-01-03	8	16.3	12	30	120	3.5	1	0.11	1	SDM . 06T204
M4574-010-A12-01-03	10	18.3	12	30	120	3.5	1	0.1	1	
M4574-012-A16-01-05	12	24.8	16	40	160	5.5	1	0.25	1	SDM . 09T308
M4574-012-A16-02-03	12	20.3	16	40	160	3.5	2	0.22	2	SDM . 06T204
M4574-016-A16-02-05	16	28.8	16	40	160	5.5	2	0.23	2	SDM . 09T308
M4574-016-A16-03-03	16	24.3	16	40	160	3.5	3	0.24	3	SDM . 06T204
M4574-020-A20-02-05	20	32.8	20	40	200	5.5	2	0.46	2	SDM . 09T308
M4574-025-A25-02-07	25	41.6	25	40	200	7.5	2	0.75	2	SDM . 120408
M4574-025-A25-03-05	25	37.8	25	40	200	5.5	3	0.75	3	SDM . 09T308
M4574-032-A32-03-05	32	44.8	32	40	250	5.5	3	1.52	3	
M4574-032-A32-03-07	32	48.6	32	40	250	7.5	3	1.5	3	SDM . 120408
M4574-040-A32-03-07	40	56.6	32	40	250	7.5	3	1.63	3	
M4574-040-A32-04-05	40	52.8	32	40	250	5.5	4	1.56	4	SDM . 09T308

Tools with parallel shank can be shortened depending on the application. | Bodies and assembly parts are included in the scope of delivery

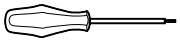
D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC				M HC			K HC						N DP	N HC	N HW	S HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	SDHT06T204-G88	H	4	0.4															☺	😐			
	SDMT06T204-D51	M	4	0.4	☺	😐	😐	😣			😣				😐	😣	😣						😣
	SDMT06T204-D57	M	4	0.4	☺	😐	😐	😣	😐		😣		😐	😐	😐	😣	😣				😐		😣
	SDMT06T204-F57	M	4	0.4	☺	😐	😐	😣	😐	😣	😣	☺			😐	😣	😣				😐	😣	😣
	SDMW06T204-A57	M	4	0.4	😐	😣	😣								😐	😣	😣						
	SDHT09T308-G88	H	4	0.8															☺	😐			
	SDMT09T308-D51	M	4	0.8	☺	😐	😐	😣			😣				😐	😣	😣						😣
	SDMT09T308-D57	M	4	0.8	☺	😐	😐	😣	😐		😣		😐		😐	😣	😣				😐		😣
	SDMT09T308-F57	M	4	0.8	☺	😐	😐	😣	😐	😣	😣	☺			😐	😣	😣				😐	😣	😣
	SDMW09T308-A57	M	4	0.8	😐	😣	😣								😐	😣	😣						
	SDHT120408-G88	H	4	0.8															☺	😐			
	SDMT120408-D51	M	4	0.8	☺	😐	😐	😣			😣				😐	😣	😣						😣
	SDMT120408-D57	M	4	0.8	☺	😐	😐	😣	😐		😣		😐		😐	😣	😣				😐		😣
	SDMT120408-F57	M	4	0.8	☺	😐	😐	😣	😐	😣	😣	☺			😐	😣	😣				😐	😣	😣
	SDMW120408-A57	M	4	0.8	😐	😣	😣								😐	😣	😣						
	SDGW120408-A88	G	1	0.8														😐					

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😣

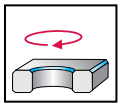
☺ 😐 😣 / ★ = New addition to the product range

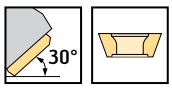
Chamfer milling cutters

M4574 mm



– 4 cutting edges per indexable insert

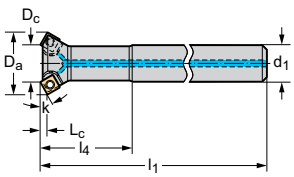




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4574-008-A12-01-03-30	8	18.4	12	30	120	2.7	1	0.1	1	SDM . 06T204
M4574-012-A16-02-03-30	12	22.4	16	40	160	2.7	2	0.23	2	
M4574-016-A16-03-03-30	16	26.4	16	40	160	2.7	3	0.24	3	
M4574-020-A20-02-05-30	20	35.3	20	40	200	4	2	0.48	2	SDM . 09T308



Cylindrical shank

M4574...-30 with κ = 30° | Bodies and assembly parts are included in the scope of delivery

D2

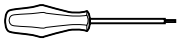
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SDM . 06T204	SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm

Accessories

	Type	SDM . 06T204	SDM . 09T308
	Torque screwdriver, analog	FS2001	FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4														☺	😐			
	SDMT06T204-D51	M	4	0.4	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT06T204-D57	M	4	0.4	☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹			😐		☹
	SDMT06T204-F57	M	4	0.4	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMW06T204-A57	M	4	0.4	😐	☹	☹								😐	☹	☹					
	SDHT09T308-G88	H	4	0.8														☺	😐			
	SDMT09T308-D51	M	4	0.8	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT09T308-D57	M	4	0.8	☺	😐	😐	☹	😐		☹		😐		😐	☹	☹			😐		☹
	SDMT09T308-F57	M	4	0.8	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMW09T308-A57	M	4	0.8	😐	☹	☹								😐	☹	☹					

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

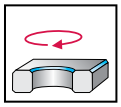
☺ 😐 ☹ / ★ = New addition to the product range

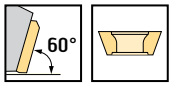
Chamfer milling cutters

M4574 mm



– 4 cutting edges per indexable insert

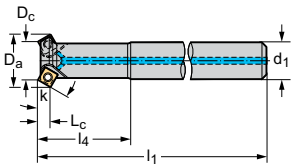




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4574-008-A12-01-03-60	8	14.3	12	30	120	4.8	1	0.1	1	SDM . 06T204
M4574-012-A16-02-03-60	12	18.3	16	40	160	4.8	2	0.23	2	
M4574-016-A16-03-03-60	16	22.3	16	40	160	4.8	3	0.24	3	
M4574-020-A20-02-05-60	20	29.5	20	40	200	6.8	2	0.46	2	SDM . 09T308



Cylindrical shank

M4574...-60 with κ = 60 ° | Bodies and assembly parts are included in the scope of delivery

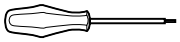
D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	Type	SDM . 06T204	SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm

Accessories

	Type	SDM . 06T204	SDM . 09T308
	Torque screwdriver, analog	FS2001	FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4														☺	😐			
	SDMT06T204-D51	M	4	0.4	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT06T204-D57	M	4	0.4	☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹			😐		☹
	SDMT06T204-F57	M	4	0.4	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMW06T204-A57	M	4	0.4	😐	☹	☹								😐	☹	☹					
	SDHT09T308-G88	H	4	0.8														☺	😐			
	SDMT09T308-D51	M	4	0.8	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT09T308-D57	M	4	0.8	☺	😐	😐	☹	😐		☹		😐		😐	☹	☹			😐		☹
	SDMT09T308-F57	M	4	0.8	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMW09T308-A57	M	4	0.8	😐	☹	☹								😐	☹	☹					

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

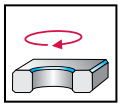
☺ 😐 ☹ / ★ = New addition to the product range

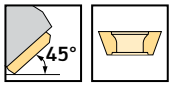
Chamfer milling cutters

M4574 inch



– 4 cutting edges per indexable insert

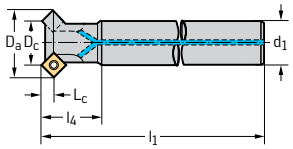




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4574,013-A15-01-05	0.500	0.976	0.625	1.575	6.299	0.217	1	0.531	1	SDM . 09T308
M4574,019-A19-02-05	0.750	1.224	0.750	1.575	7.874	0.217	2	1.021	2	
M4574,026-A26-03-05	1.000	1.476	1.000	1.575	7.874	0.217	3	1.636	3	
M4574,031-A31-03-05	1.250	1.724	1.250	1.575	9.843	0.217	3	3.245	3	
M4574,038-A38-03-07	1.500	2.154	1.500	1.575	9.843	0.295	3	4.643	3	SDM . 120408



Cylindrical shank

Tools with parallel shank can be shortened depending on the application. | Bodies and assembly parts are included in the scope of delivery

D2

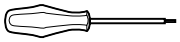
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs

Accessories

	Type	SDM . 09T308	SDM . 120408
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT09T308-G88	H	4	0.031														●	●			
	SDMT09T308-D51	M	4	0.031	●	●	●	●			●			●	●	●						●
	SDMT09T308-D57	M	4	0.031	●	●	●	●	●		●		●	●	●	●				●		●
	SDMT09T308-F57	M	4	0.031	●	●	●	●	●	●	●	●		●	●	●				●	●	●
	SDMW09T308-A57	M	4	0.031	●	●	●							●	●	●						
	SDHT120408-G88	H	4	0.031														●	●			
	SDMT120408-D51	M	4	0.031	●	●	●	●			●			●	●	●						●
	SDMT120408-D57	M	4	0.031	●	●	●	●	●		●		●	●	●	●				●		●
	SDMT120408-F57	M	4	0.031	●	●	●	●	●	●	●	●		●	●	●				●	●	●
	SDMW120408-A57	M	4	0.031	●	●	●							●	●	●						
	SDGW120408-A88	G	1	0.031													●					

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ● → Good = ● → Moderate = ●

● ● ● / ★ = New addition to the product range

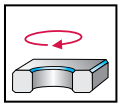
Chamfer milling cutters

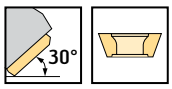
M4574 inch

SDM . 09T308



– 4 cutting edges per indexable insert

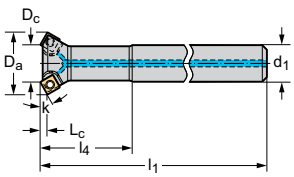




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4574,019-A19-02-05-30	0.750	1.353	0.750	1.575	7.874	0.157	2	1.058	2	SDM . 09T308



Cylindrical shank

M4574...-30 with κ = 30° | Bodies and assembly parts are included in the scope of delivery

D2

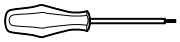
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1.475 lbs

Accessories

	Type	SDM . 09T308
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT09T308-G88	H	4	0.031													☺	😐			
	SDMT09T308-D51	M	4	0.031	☺	😐	😐	☹			☹			😐	☹	☹					☹
	SDMT09T308-D57	M	4	0.031	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹
	SDMT09T308-F57	M	4	0.031	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹			😐	☹	☹
	SDMW09T308-A57	M	4	0.031	😐	☹	☹							😐	☹	☹					

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

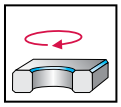
Chamfer milling cutters

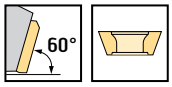
M4574 inch

SDM . 09T308



– 4 cutting edges per indexable insert

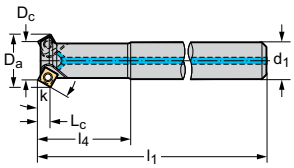




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4574,019-A19-02-05-60	0.750	1.124	0.750	1.575	7.874	0.268	2	1.016	2	SDM . 09T308



Cylindrical shank

M4574...-60 with κ = 60 ° | Bodies and assembly parts are included in the scope of delivery

D2

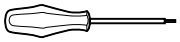
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1.475 lbs

Accessories

	Type	SDM . 09T308
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT09T308-G88	H	4	0.031													☻	😐			
	SDMT09T308-D51	M	4	0.031	☻	😐	😐	☹			☹			😐	☹	☹					☹
	SDMT09T308-D57	M	4	0.031	☻	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹
	SDMT09T308-F57	M	4	0.031	☻	😐	😐	☹	😐	☹	☹	☻		😐	☹	☹			😐	☹	☹
	SDMW09T308-A57	M	4	0.031	😐	☹	☹							😐	☹	☹					

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

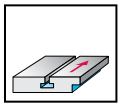
☻ 😐 ☹ / ★ = New addition to the product range

T-slot milling cutters

M4575 mm



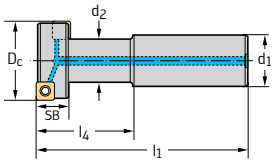
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4575	●●	●●	●●	●●	●●		

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	d_2 mm	l_4 mm	l_1 mm	SB mm	Z	kg	No. of inserts	
M4575-021-W12-02-09	20.5	12	11	27	73	8.75	2	0.05	2 / 2	SDM . 06T204
M4575-025-W16-02-11	24.5	16	12.1	31	80	10.75	2	0.12	2 / 2	
M4575-032-W20-02-14	31.75	20	17	31	90	13.75	2	0.2	2 / 2	SDM . 09T308
M4575-040-W25-02-17	39.5	25	21	49	106	16.75	2	0.38	2 / 2	
M4575-050-W32-02-21	49.5	32	27	61	122	20.75	2	0.72	2 / 2	SDM . 120408

Bodies and assembly parts are included in the scope of delivery

D2

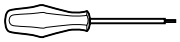
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC				M HC			K HC						N DP	N HC	N HW	S HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	SDHT06T204-G88	H	4	0.4															☺	😐			
	SDMT06T204-D51	M	4	0.4	☺	😐	😐	😣			😣				😐	😣	😣						😣
	SDMT06T204-D57	M	4	0.4	☺	😐	😐	😣	😐		😣		😐	😐	😐	😣	😣				😐		😣
	SDMT06T204-F57	M	4	0.4	☺	😐	😐	😣	😐	😣	😣	☺			😐	😣	😣				😐	😣	😣
	SDMW06T204-A57	M	4	0.4	😐	😣	😣								😐	😣	😣						
	SDHT09T308-G88	H	4	0.8															☺	😐			
	SDMT09T308-D51	M	4	0.8	☺	😐	😐	😣			😣				😐	😣	😣						😣
	SDMT09T308-D57	M	4	0.8	☺	😐	😐	😣	😐		😣		😐		😐	😣	😣				😐		😣
	SDMT09T308-F57	M	4	0.8	☺	😐	😐	😣	😐	😣	😣	☺			😐	😣	😣				😐	😣	😣
	SDMW09T308-A57	M	4	0.8	😐	😣	😣								😐	😣	😣						
	SDHT120408-G88	H	4	0.8															☺	😐			
	SDMT120408-D51	M	4	0.8	☺	😐	😐	😣			😣				😐	😣	😣						😣
	SDMT120408-D57	M	4	0.8	☺	😐	😐	😣	😐		😣		😐		😐	😣	😣				😐		😣
	SDMT120408-F57	M	4	0.8	☺	😐	😐	😣	😐	😣	😣	☺			😐	😣	😣				😐	😣	😣
	SDMW120408-A57	M	4	0.8	😐	😣	😣								😐	😣	😣						
	SDGW120408-A88	G	1	0.8														😐					

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😣

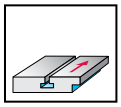
☺ 😐 😣 / ★ = New addition to the product range

T-slot milling cutters

M4575 inch



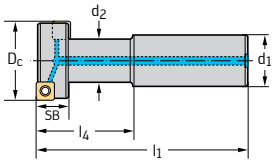
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4575	●●	●●	●●	●●	●●		

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	d_2 inch	l_4 inch	l_1 inch	SB inch	Z	lbs	No. of inserts	
M4575,019-W19-01-08	0.778	0.750	0.406	1.22	3.252	0.317	1	0.326	1 / 1	SDM . 06T204
M4575,024-W19-02-09	0.949	0.750	0.476	1.406	3.437	0.368	2	0.331	2 / 2	
M4575,031-W26-02-12	1.230	1.000	0.656	1.614	3.895	0.463	2	0.639	2 / 2	SDM . 09T308
M4575,037-W26-02-15	1.447	1.000	0.780	2.126	4.407	0.6	2	0.833	2 / 2	
M4575,047-W31-02-21	1.821	1.250	1.031	2.500	4.781	0.817	2	1.545	2 / 2	SDM . 120408

Bodies and assembly parts are included in the scope of delivery

D2

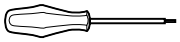
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.664 lbs	FS2266 (T10IP) 1.475 lbs	FS1453 (T15IP) 2.581 lbs

Accessories

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analog	FS2002	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.016															☺	😐			
	SDMT06T204-D51	M	4	0.016	☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT06T204-D57	M	4	0.016	☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹				😐		☹
	SDMT06T204-F57	M	4	0.016	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMW06T204-A57	M	4	0.016	😐	☹	☹								😐	☹	☹						
	SDHT09T308-G88	H	4	0.031															☺	😐			
	SDMT09T308-D51	M	4	0.031	☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT09T308-D57	M	4	0.031	☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMT09T308-F57	M	4	0.031	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMW09T308-A57	M	4	0.031	😐	☹	☹								😐	☹	☹						
	SDHT120408-G88	H	4	0.031															☺	😐			
	SDMT120408-D51	M	4	0.031	☺	😐	😐	☹			☹				😐	☹	☹						☹
	SDMT120408-D57	M	4	0.031	☺	😐	😐	☹	😐		☹		😐		😐	☹	☹				😐		☹
	SDMT120408-F57	M	4	0.031	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹				😐	☹	☹
	SDMW120408-A57	M	4	0.031	😐	☹	☹								😐	☹	☹						
	SDGW120408-A88	G	1	0.031														😐					

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

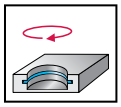
☺ 😐 ☹ / ★ = New addition to the product range

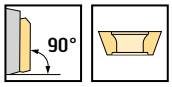
Circular slot milling cutters

F2036 mm



– 2 cutting edges per indexable insert

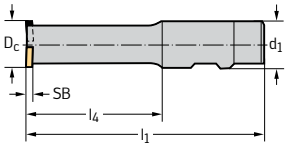




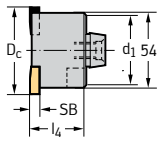
	P	M	K	N	S	H	O
F2036	●●		●●				

Tool

Designation	D_c mm	d_1	l_4 mm	l_1 mm	$a_{e\,max}$ mm	Z	SB_{H13} mm	SB_{H13} mm	No. of inserts	Type
F2036,5.16.090.016	16	16	42	90	1.75	1	1.1	1.6	1	P20200-1.1 P20200-1.2 P20200-1.3
F2036,5.25.130.025	25	25	74	130	2	2	1.3	2.15	2	P20200-1.2 P20200-1.3 P20200-1.4 P20200-1.5
F2036,5.32.140.040	40	32	80	140	2.75	4	2.15	3.15	4	P20200-2.1 P20200-2.2, P20200-2.3
F2036M.0.50.040.063	63	NCT 50	40		4	6	3.15	5.15	6	P20200-3.1 P20200-3.2 P20200-3.3



DIN 1835 B



Modular NCT adaptor

*Nominal size of the workpiece's groove width in accordance with DIN 472 in relation to the diameter of the drilled hole | Bodies and assembly parts are included in the scope of delivery

D2

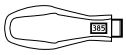
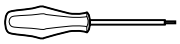
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

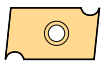
Assembly parts

	D_c [mm]	16–25	40	63
	Clamping screw for indexable insert Tightening torque	FS322 (T7) 0.8 Nm	FS246 (T8) 1.5 Nm	FS326 (T15) 3 Nm

Accessories

	D_c [mm]	16–25	40	63
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2006 (T7)	FS2009 (T15)	FS2009 (T15)
	Screwdriver for indexable insert	FS309 (T7)	FS230 (T8)	FS229 (T15)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l mm	b mm	P HC WKP35S	K HC WKP35S
	P20200-1.1	H	2	9	0.1	😐	😟
	P20200-1.2	H	2	9	0.2	😐	😟
	P20200-1.3	H	2	9	0.2	😐	😟
	P20200-1.4	H	2	9	0.2	😐	😟
	P20200-1.5	H	2	9	0.2	😐	😟
	P20200-2.1	H	2	12	0.2	😐	😟
	P20200-2.2	H	2	12	0.2	😐	😟
	P20200-2.3	H	2	12	0.2	😐	😟
	P20200-3.1	H	2	18.5	0.2	😐	😟
	P20200-3.2	H	2	18.5	0.2	😐	😟
	P20200-3.3	H	2	18.5	0.2	😐	😟

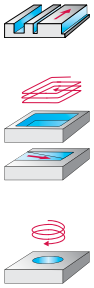
HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😟

😊 😐 😟 / ★ = New addition to the product range

Shoulder/slot milling cutters - Universal materials









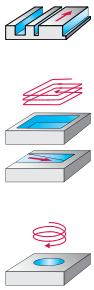


Designation	MD340 Supreme	MC326 Supreme	MC321 Advance	MC320 Advance
Diameter range **Number of teeth** **Corner radius**	—	—	—	—
Diameter range	0.063–0.750	0.125–0.750	0.125–0.500	0.250–0.750
Number of teeth	3–5	3–4	4	4
Corner radius	0.015–0.060	0.015–0.160		0.008–0.016
Standard	P-NORM ANSI-STANDARD	STUB STANDARD PWZ-NORM L	STUB	STANDARD
Coating / grade	WK40TP	WK40TF	WJ30TF	WK40TF
Shank	Cylindrical shank DIN 6535 HB	Cylindrical shank DIN 6535 HB	Cylindrical shank	DIN 6535 HB
P Steel	●●	●●	●●	●●
M Stainless steel	●	●	●	●
K Cast iron	●	●	●	●
N NF metals				
S Materials with difficult cutting properties	●	●	●	●
H Hard materials				
O Other				
Page in catalog	D 42	D 48	D 55	D 56
QR code				
www.walter-tools.com/woc/	MD340	MC326	MC321	MC320

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters - Universal materials





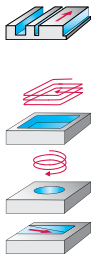
Designation	MC216 Advance	MA321 Advance	MA321 Advance	MA320 Advance	MA320 Advance
Diameter range	—	—	—	6–20	6–20
Number of teeth				4	4
Corner radius					
Diameter range	0.094	0.187–1.000	0.187–1.000	0.187–1.000	0.187–1.000
Number of teeth	2	4–5	4–5	4–5	4–5
Corner radius		0.023–0.033	0.023–0.033		
Standard	STANDARD	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30TF	WJ30UU	WJ30TF	WJ30UU
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D57	D 58	D 58	D 60	D 60
QR code					
www.walter-tools.com/woc/	MC216	MA321	MA321	MA320	MA320

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters - Universal materials





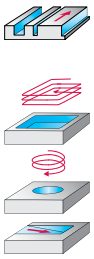
Designation	MA230 Advance	MA230 Advance	MC232 Perform	MC326 Supreme
Diameter range	1–3	1.5–20	—	—
Number of teeth	3	4–9		
Corner radius	0.1–0.2	0.25–2		
Diameter range	0.031–0.250	0.062–1.000	0.125–0.750	0.375–1.000
Number of teeth	3	4–7, 9	2–4	4–5
Corner radius	0.005–0.015	0.010–0.120	0.015–0.125	0.015–0.125
Standard	PWZ-NORM	PWZ-NORM	STANDARD	PWZ-NORM
Coating / grade	WJ30EN	WJ30TF	WJ30ED	WJ30TF
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank DIN 6535 HB	ConeFit
P Steel	●●	●●	●●	●●
M Stainless steel	●	●	●	●
K Cast iron	●	●	●	●
N NF metals			●	
S Materials with difficult cutting properties	●	●	●	●
H Hard materials				
O Other				
Page in catalog	D 63	D 63	D 100	D 186
QR code				
www.walter-tools.com/woc/	MA230	MA230	MC232	MC326

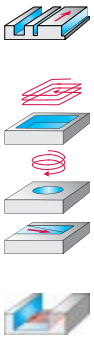
D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters - Specialists, ISO S, and others













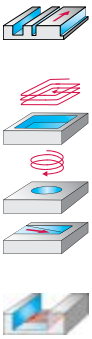
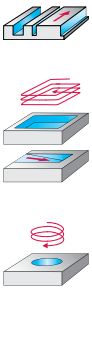
Designation	MA377 Supreme	MA377 Supreme	MA373 Supreme	MA373 Supreme
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Diameter range	0.125–1.000	0.125–1.250	0.250–1.000	0.375–1.000
Number of teeth	4–6	4–5	5–6	5
Corner radius	0.010–0.375	0.010–0.375	0.015–0.250	0.015–0.120
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30EN	TiXco WJ30EM	WJ30EN	WJ30EM
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●	●	●	●
M Stainless steel	●	●	●	●
K Cast iron				
N NF metals				
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials				
O Other				
Page in catalog	D 104	D 104	D 132	D 132
QR code				
www.walter-tools.com/woc/	MA377	MA377	MA373	MA373

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters - Specialists. ISO S. and others





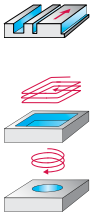



Designation	MA375 Supreme	MA375 Supreme	MC388 Advance	MA290 Advance	MA290 Advance
Diameter range	—	—	—	3–12	3–12
Number of teeth				6–14	6–14
Corner radius					
Diameter range	0.125–0.250	0.125–1.000	0.125–0.500	0.125–0.500	0.125–0.500
Number of teeth	4–5	4–7	3–4	6–14	6–14
Corner radius	0.015–0.060	0.015–0.120	0.015–0.030		
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM L	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30EN	WE30EM	WB10TG	WE10DB	WJ30DD
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●	●	●		
M Stainless steel	●	●			
K Cast iron					
N NF metals					
S Materials with difficult cutting properties	●●	●●			
H Hard materials			●●		
O Other				●●	●●
Page in catalog	D 137	D 137	D 146	D 148	D 148
QR code					
www.walter-tools.com/woc/	MA375	MA375	MC388	MA290	MA290

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters - Aluminum and ISO N











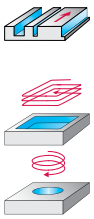
Designation	MA268 Advance	MA268 Advance	MA267 Advance	MA267 Advance
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Diameter range	0.250–1.000	0.250–1.000	0.125–1.000	0.125–1.000
Number of teeth	3	3	3–5	3–5
Corner radius	0.030–0.120	0.030–0.120	0.010–0.250	0.007–0.250
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30CD	WJ30UU	WJ30CD	WJ30UU
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel				
M Stainless steel				
K Cast iron				
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties				
H Hard materials				
O Other				
Page in catalog	D 150	D 150	D 153	D 153
QR code				
www.walter-tools.com/woc/	MA268	MA268	MA267	MA267

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters - Aluminum and ISO N







Designation	MA263 Advance	MA263 Advance
Diameter range	—	—
Number of teeth		
Corner radius		
Diameter range	0.250–1.000	0.250–1.000
Number of teeth	3	3
Corner radius	0.030–0.120	0.030–0.120
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30CD	WJ30UU
Shank	Cylindrical shank	Cylindrical shank
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Page in catalog	D 165	D 165
QR code		
www.walter-tools.com/woc/	MA263	MA263

WALTER SELECT

●● Primary application ● Other application

Copy/Profile milling cutters





Designation	MC416 Advance	MA477 Supreme	MA477 Supreme	MA475 Supreme	MA475 Supreme
Diameter range		—	—	—	—
Number of teeth					
Corner radius					
Diameter range	0.063–0.500	0.125–1.000	0.125–1.000	0.125–0.250	0.125–1.000
Number of teeth	4	4–5	4–5	4–5	4–5
Corner radius					
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30EN	WJ30EM	WJ30EN	WJ30EM
Shank	DIN 6535 HA DIN 6535 HB	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●●	●	●	●	●
M Stainless steel	●	●	●	●	●
K Cast iron	●				
N NF metals	●				
S Materials with difficult cutting properties	●	●●	●●	●●	●●
H Hard materials					
O Other					
Page in catalog	D 169	D 170	D 170	D 176	D 176
QR code					
www.walter-tools.com/woc/	MC416	MA477	MA477	MA475	MA475

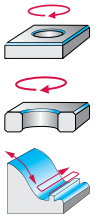
WALTER SELECT

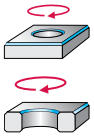
●● Primary application ● Other application

D1

Copy/Profile milling cutters















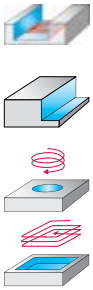
Designation	MA467 Advance	MA467 Advance	MA430 Advance	Protostar®
Diameter range	—	—	4–12	—
Number of teeth			4	
Corner radius			220°/270°/300°	
Diameter range	0.125–1.000	0.125–1.000	0.062–0.625	0.250–0.500
Number of teeth	3	3	4	4–6
Corner radius				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	STANDARD
Coating / grade	WJ30CD	WJ30UU	WJ30TF	TAX
Shank	Cylindrical shank	Cylindrical shank	DIN 6535 HA	Cylindrical shank
P Steel			●●	●●
M Stainless steel			●	●
K Cast iron			●	●
N NF metals	●●	●●		●
S Materials with difficult cutting properties			●	●
H Hard materials				
O Other				
Page in catalog	D 178	D 178	D 181	D 185
QR code				
www.walter-tools.com/woc/	MA467	MA467	MA430	protostar

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters









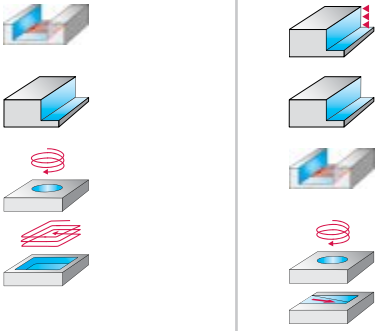




Designation	MD133 Supreme	MD133 Supreme	MD177 Supreme	MD177 Supreme
Diameter range	—	—	6–25	—
Number of teeth			7	
Corner radius			0.3–1.25	
Diameter range	0.250–0.750	0.250–0.750	0.187–1.000	0.187–1.000
Number of teeth	5–6	5–6	7	7
Corner radius	0.015–0.030	0.015–0.030	0.015–0.120	0.015–0.120
Standard	PWZ-NORM L PWZ-NORM XL	PWZ-NORM L PWZ-NORM XL	DIN 6527 L PWZ-NORM XL STANDARD	STANDARD
Coating / grade	WJ30RD	WJ30RA	WJ30EN	WJ30EM
Shank	DIN 6535 HB	DIN 6535 HB	Cylindrical shank	Cylindrical shank
P Steel	●●		●	●
M Stainless steel		●●	●	●
K Cast iron	●			
N NF metals		●		
S Materials with difficult cutting properties		●	●●	●●
H Hard materials				
O Other				
Page in catalog	D 32	D 32	D 34	D 34
QR code				
www.walter-tools.com/woc/	MD133	MD133	MD177	MD177

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters





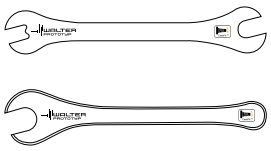
Designation	MD173 Supreme	MD173 Supreme	MC187 Advance
Diameter range Number of teeth Corner radius	—	—	—
Diameter range	0.250–1.000	0.250–1.000	0.125–0.750
Number of teeth	7	7	4–8
Corner radius	0.015–0.120	0.015–0.120	0.015–0.060
Standard	STANDARD	STANDARD	STANDARD
Coating / grade	WJ30EN	WJ30EM	WB10TG
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●	●	
M Stainless steel	●	●	
K Cast iron			
N NF metals			
S Materials with difficult cutting properties	●●	●●	
H Hard materials			●●
O Other			
Page in catalog	D 39	D 39	D 41
QR code			

WALTER SELECT ●● Primary application ● Other application

www.walter-tools.com/woc/ MD173 MD173 MC187

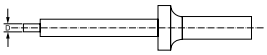
Accessories for ConeFit

Open-ended wrench for ConeFit tools



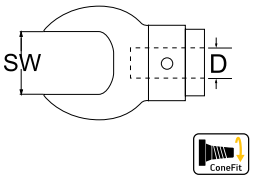
Designation	E	SW	Type
FS2124-E10	10	8 + 6 for Spade	Twin head
FS2125-E12	12	10 + 8 for Spade	Twin head
FS2126-E16	16	12 + 10 for Spade	Twin head
FS2127-E20	20	16	Single head
FS2128-E25	25	20	Single head

Torque wrench



Designation	D	Torque range	
FS1384	16	1 – 18 ft-lbs	
FS1385	16	7 – 74 ft-lbs	

Fork heads for ConeFit tools



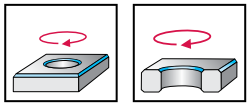
Designation	E	SW	D	ft-lbs
FS2135-E10–R	10	8	16	106
FS2136-E12–R	12	10	16	133
FS2137-E16–R	16	12	16	266
FS2138-E20–R	20	16	16	443
FS2141-E25-R	25	20	16	575

Solid carbide chamfer milling cutter 90°

AH3058318 inch

Protostar®

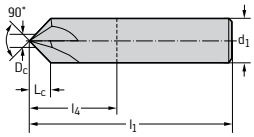






	P	M	K	N	S	H	O
TiAlN	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	d_c	d_a inch	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z
AH3058318-1/4	1/4"	0.2500	0.0394	0.105	2.500	1.063	0.250	4
AH3058318-3/8	3/8"	0.3750	0.0591	0.158	2.500	0.906	0.375	4
AH3058318-1/2	1/2"	0.5000	0.1181	0.191	3.000	1.157	0.500	6

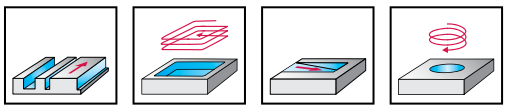
Shoulder milling $a_e \leq 0.3 \times D_{cDS1}$

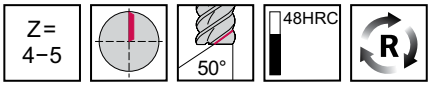
D1

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch

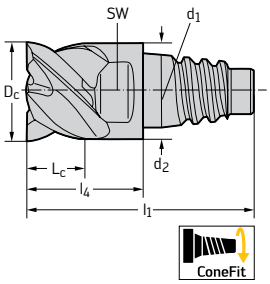






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	d_c h9	d_c h9	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30TF
MC326.9.53E4P-	3/8"	0.3750	0.209	0.364	0.929	0.488	E10	0.315	4	☺
MC326.12.7E4P-	1/2"	0.5000	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.15.9E4P-	5/8"	0.6250	0.335	0.61	1.406	0.736	E16	0.472	4	☺
MC326.19.1E4P-	3/4"	0.7500	0.413	0.728	1.606	0.839	E20	0.630	4	☺
MC326.25.4E5P-	1"	1.0000	0.551	0.965	1.953	1.008	E25	0.787	5	☺

Ordering example for the grade WJ30TF: MC326.12.7E4P-WJ30TF
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.4 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

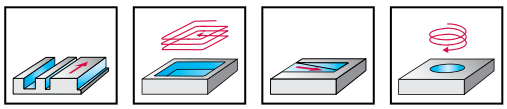
New addition to the product range = ☺ 😐 ☹ / ★

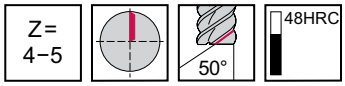
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



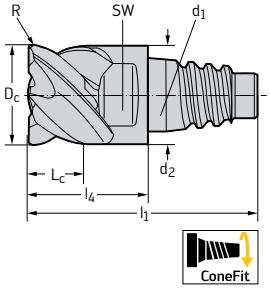
– corner radius





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	d_c h9	d_c h9	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30TF
MC326.9.53E4P038-	3/8"	0.3750	0.015	0.209	0.364	0.929	0.488	E10	0.315	4	☺
MC326.9.53E4P076-	3/8"	0.3750	0.030	0.209	0.364	0.929	0.488	E10	0.315	4	☺
MC326.12.7E4P038-	1/2"	0.5000	0.015	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.12.7E4P076-	1/2"	0.5000	0.030	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.12.7E4P152-	1/2"	0.5000	0.060	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.15.9E4P152-	5/8"	0.6250	0.060	0.335	0.61	1.406	0.736	E16	0.472	4	☺
MC326.19.1E4P152-	3/4"	0.7500	0.060	0.413	0.728	1.606	0.839	E20	0.630	4	☺
MC326.19.1E4P318-	3/4"	0.7500	0.125	0.413	0.728	1.606	0.839	E20	0.630	4	☺
MC326.25.4E5P152-	1"	1.0000	0.060	0.551	0.965	1.953	1.008	E25	0.787	5	☺
MC326.25.4E5P318-	1"	1.0000	0.125	0.551	0.965	1.953	1.008	E25	0.787	5	☺

Ordering example for the grade WJ30TF: MC326.12.7E4P038-WJ30TF
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.4 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

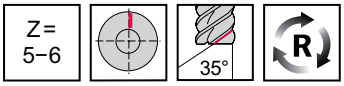
☺ 😐 ☹ / ★ = New addition to the product range

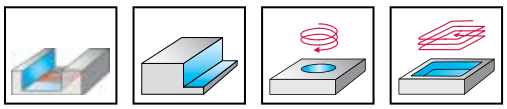
Solid carbide shoulder milling cutters

MD133 Supreme inch



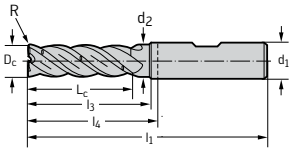
– corner radius
– chip breakers
– reduced neck





	P	M	K	N	S	H	O
WJ30RA (TiAlN + TiAl)		●●		●	●		
WJ30RD (AlTiN + ZrN)	●●	●●	●	●	●		

PWZ-NORM L



DIN 6535 HB

Designation	D_c h10	D_c h10	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30RA	WJ30RD
MD133.6.35W5L038D-	1/4"	0.2500	0.015	0.875	1.000	0.237	2.500	1.437	0.375	5	☺	☹
MD133.9.53W5L038D-	3/8"	0.3750	0.015	1.250	1.500	0.356	3.250	1.687	0.375	5	☺	☹
MD133.12.7W5L076D-	1/2"	0.5000	0.030	1.750	2.125	0.475	4.000	2.217	0.500	5	☺	☹
MD133.15.9W6L076D-	5/8"	0.6250	0.030	2.000	2.500	0.594	4.500	2.594	0.625	6	☺	☹
MD133.19.1W6L076D-	3/4"	0.7500	0.030	2.500	3.000	0.713	5.500	3.468	0.750	6	☺	☹

Ordering example for the grade WJ30RA: MD133.12.7W5L076D-WJ30RA
Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S
Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P

D1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

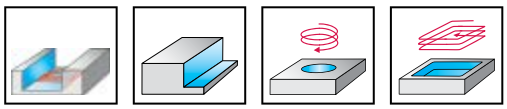
New addition to the product range = ☺ 😐 ☹ / ★

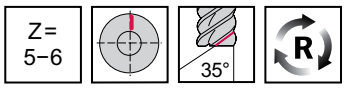
Solid carbide shoulder milling cutters

MD133 Supreme inch



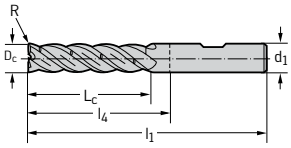
– extra long
– corner radius
– chip breakers





	P	M	K	N	S	H	O
WJ30RA (TiAlN + TiAl)		●●		●	●		
WJ30RD (AlTiN + ZrN)	●●	●●	●	●	●		

PWZ-NORM XL



DIN 6535 HB

Designation	D_c h10	D_c h10	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30RA	WJ30RD
MD133.6.35W5X038L-	1/4"	0.2500	0.015	1.375	3.000	1.937	0.375	5	☻	☻
MD133.9.53W5X038L-	3/8"	0.3750	0.015	2.000	4.000	2.437	0.375	5	☻	☻
MD133.12.7W5X076L-	1/2"	0.5000	0.030	2.750	5.000	3.217	0.500	5	☻	☻
MD133.15.9W6X076L-	5/8"	0.6250	0.030	3.250	5.500	3.594	0.625	6	☻	☻
MD133.19.1W6X076L-	3/4"	0.7500	0.030	3.875	6.500	4.468	0.750	6	☻	☻

Ordering example for the grade WJ30RA: MD133.12.7W5X076L-WJ30RA
Shoulder milling $a_e \leq 0{,}015 \times D_c$ for ISO-M and ISO-S
Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-P

D1

WALTER SELECT

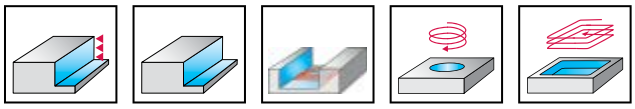
●● Primary application ● Other application
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

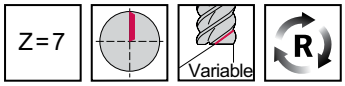
☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD177 Supreme inch

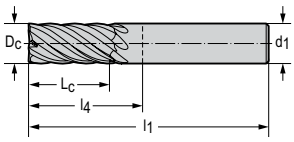






	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		
WJ30EM (AlTiSiN+)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c	D_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
MD177.4.76A7LJ-	3/16"	0.1875	0.562	2.500	1.634	0.1875	7		☹
MD177.4.76A7LK-	3/16"	0.1875	0.750	2.500	1.083	0.1875	7	😐	
MD177.6.35A7D-	1/4"	0.2500	0.500	2.500	1.083	0.250	7	😐	
MD177.6.35A7DJ-	1/4"	0.2500	0.750	2.500	1.083	0.250	7	😐	
MD177.6.35A7XL-	1/4"	0.2500	1.250	3.000	1.583	0.250	7	😐	
MD177.9.53A7S-	3/8"	0.3750	0.500	2.000	0.500	0.375	7	😐	
MD177.9.53A7D-	3/8"	0.3750	1.000	2.500	1.000	0.375	7	😐	
MD177.9.53A7LJ-	3/8"	0.3750	1.250	3.000	1.437	0.375	7	😐	
MD177.12.7A7S-	1/2"	0.5000	0.625	2.500	0.717	0.500	7	😐	
MD177.12.7A7D-	1/2"	0.5000	1.000	3.000	1.217	0.500	7	😐	
MD177.12.7A7DI-	1/2"	0.5000	1.250	3.000	1.250	0.500	7	😐	
MD177.12.7A7LK-	1/2"	0.5000	2.125	4.000	2.217	0.500	7	😐	
MD177.15.9A7S-	5/8"	0.6250	0.750	3.000	1.094	0.625	7	😐	
MD177.15.9A7D-	5/8"	0.6250	1.250	3.500	1.594	0.625	7	😐	
MD177.15.9A7DI-	5/8"	0.6250	1.625	3.500	1.625	0.625	7	😐	
MD177.15.9A7LJ-	5/8"	0.6250	2.125	4.000	2.125	0.625	7	😐	
MD177.19.1A7S-	3/4"	0.7500	1.000	3.000	1.000	0.750	7	😐	
MD177.19.1A7D-	3/4"	0.7500	1.625	4.000	1.969	0.750	7	😐	
MD177.19.1A7LJ-	3/4"	0.7500	2.250	5.000	2.968	0.750	7	😐	
MD177.19.1A7XK-	3/4"	0.7500	3.250	6.000	3.968	0.750	7	😐	
MD177.25.4A7AC-	1"	1.0000	1.500	4.000	1.913	1.000	7		☹
MD177.25.4A7DI-	1"	1.0000	2.625	5.000	2.717	1.000	7	😐	
MD177.25.4A7LJ-	1"	1.0000	3.250	6.000	3.717	1.000	7	😐	

Ordering example for the grade WJ30EN: MD177.12.7A7D-WJ30EN
Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = 😊 ➔ Average = 😐 ➔ Poor = ☹ machining conditions

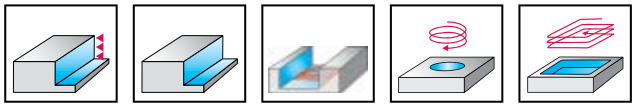
New addition to the product range = 😊 😐 ☹ / ★

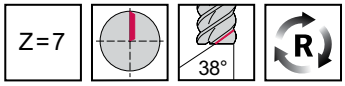
Solid carbide shoulder milling cutters

MD177 Supreme inch



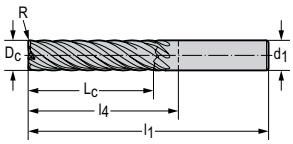
– corner radius





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		
WJ30EM (AlTiSiN+)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
MD177.4.76A7L038J-	3/16"	0.1875	0.015	0.562	2.500	1.634	0.1875	7		☹
MD177.4.76A7L038K-	3/16"	0.1875	0.015	0.750	2.500	1.083	0.1875	7	😐	
MD177.6.35A7D038-	1/4"	0.2500	0.015	0.500	2.500	1.083	0.250	7	😐	
MD177.6.35A7D076-	1/4"	0.2500	0.030	0.500	2.500	1.083	0.250	7	😐	
MD177.6.35A7D076J-	1/4"	0.2500	0.030	0.750	2.500	1.083	0.250	7	😐	
MD177.6.35A7D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	7		☹
MD177.6.35A7X038L-	1/4"	0.2500	0.015	1.250	3.000	1.583	0.250	7	😐	
MD177.6.35A7X076L-	1/4"	0.2500	0.030	1.250	3.000	1.583	0.250	7	😐	
MD177.9.53A7S038-	3/8"	0.3750	0.015	0.500	2.000	0.500	0.375	7	😐	
MD177.9.53A7S076-	3/8"	0.3750	0.030	0.500	2.000	0.500	0.375	7	😐	
MD177.9.53A7S152-	3/8"	0.3750	0.060	0.500	2.000	0.500	0.375	7	😐	
MD177.9.53A7D038-	3/8"	0.3750	0.015	1.000	2.500	1.000	0.375	7	😐	
MD177.9.53A7D076-	3/8"	0.3750	0.030	1.000	2.500	1.000	0.375	7	😐	
MD177.9.53A7D152-	3/8"	0.3750	0.060	1.000	2.500	1.000	0.375	7	😐	
MD177.9.53A7L038J-	3/8"	0.3750	0.015	1.250	3.000	1.437	0.375	7	😐	
MD177.9.53A7L076J-	3/8"	0.3750	0.030	1.250	3.000	1.437	0.375	7	😐	
MD177.9.53A7L152J-	3/8"	0.3750	0.060	1.250	3.000	1.437	0.375	7	😐	
MD177.12.7A7S038-	1/2"	0.5000	0.015	0.625	2.500	0.717	0.500	7	😐	
MD177.12.7A7S076-	1/2"	0.5000	0.030	0.625	2.500	0.717	0.500	7	😐	
MD177.12.7A7S152-	1/2"	0.5000	0.060	0.625	2.500	0.717	0.500	7	😐	
MD177.12.7A7D038-	1/2"	0.5000	0.015	1.000	3.000	1.217	0.500	7	😐	
MD177.12.7A7D076-	1/2"	0.5000	0.030	1.000	3.000	1.217	0.500	7	😐	
MD177.12.7A7D152-	1/2"	0.5000	0.060	1.000	3.000	1.217	0.500	7	😐	
MD177.12.7A7DI038-	1/2"	0.5000	0.015	1.250	3.000	1.250	0.500	7	😐	
MD177.12.7A7D076I-	1/2"	0.5000	0.030	1.250	3.000	1.250	0.500	7	😐	
MD177.12.7A7D152I-	1/2"	0.5000	0.060	1.250	3.000	1.250	0.500	7	😐	
MD177.12.7A7S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	7		☹
MD177.12.7A7L038K-	1/2"	0.5000	0.015	2.125	4.000	2.217	0.500	7	😐	
MD177.12.7A7L076K-	1/2"	0.5000	0.030	2.125	4.000	2.217	0.500	7	😐	
MD177.12.7A7L152K-	1/2"	0.5000	0.060	2.125	4.000	2.217	0.500	7	😐	
MD177.15.9A7S038-	5/8"	0.6250	0.015	0.750	3.000	1.307	0.625	7		☹
MD177.15.9A7S038-	5/8"	0.6250	0.030	0.750	3.000	1.094	0.625	7	😐	
MD177.15.9A7S076-	5/8"	0.6250	0.060	0.750	3.000	1.094	0.625	7	😐	
MD177.15.9A7D038-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	7		☹

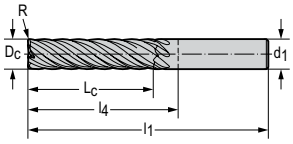
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

☹ 😐 😊 / ★ = New addition to the product range

STANDARD



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
MD177.15.9A7D038-	5/8"	0.6250	0.030	1.250	3.500	1.594	0.625	7	●	
MD177.15.9A7D076-	5/8"	0.6250	0.060	1.250	3.500	1.594	0.625	7	●	
MD177.15.9A7D038I-	5/8"	0.6250	0.015	1.625	3.500	1.625	0.625	7	●	
MD177.15.9A7D076I-	5/8"	0.6250	0.030	1.625	3.500	1.625	0.625	7	●	
MD177.15.9A7D152I-	5/8"	0.6250	0.060	1.625	3.500	1.625	0.625	7	●	
MD177.15.9A7L038J-	5/8"	0.6250	0.015	2.125	4.000	2.125	0.625	7	●	
MD177.15.9A7L076J-	5/8"	0.6250	0.030	2.125	4.000	2.125	0.625	7	●	
MD177.15.9A7L152J-	5/8"	0.6250	0.060	2.125	4.000	2.125	0.625	7	●	
MD177.19.1A7A038-	3/4"	0.7500	0.015	1.000	3.000	1.307	0.750	7		●
MD177.19.1A7S076-	3/4"	0.7500	0.030	1.000	3.000	1.000	0.750	7	●	
MD177.19.1A7S152-	3/4"	0.7500	0.060	1.000	3.000	1.000	0.750	7	●	
MD177.19.1A7S305-	3/4"	0.7500	0.120	1.000	3.000	1.000	0.750	7	●	
MD177.19.1A7D038-	3/4"	0.7500	0.015	1.625	4.000	1.969	0.750	7	●	
MD177.19.1A7D076-	3/4"	0.7500	0.030	1.625	4.000	1.969	0.750	7	●	
MD177.19.1A7D152-	3/4"	0.7500	0.060	1.625	4.000	1.969	0.750	7	●	
MD177.19.1A7D305-	3/4"	0.7500	0.120	1.625	4.000	1.969	0.750	7	●	
MD177.19.1A7D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	7		●
MD177.19.1A7L076J-	3/4"	0.7500	0.030	2.250	5.000	2.968	0.750	7	●	
MD177.19.1A7L152J-	3/4"	0.7500	0.060	2.250	5.000	2.968	0.750	7	●	
MD177.19.1A7L305J-	3/4"	0.7500	0.120	2.250	5.000	2.968	0.750	7	●	
MD177.19.1A7L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	7	★	
MD177.19.1A7X076K-	3/4"	0.7500	0.030	3.250	6.000	3.968	0.750	7	●	
MD177.19.1A7X152K-	3/4"	0.7500	0.060	3.250	6.000	3.968	0.750	7	●	
MD177.19.1A7L305K-	3/4"	0.7500	0.120	3.250	6.000	4.307	0.750	7	★	
MD177.25.4A7A038C-	1"	1.0000	0.015	1.500	4.000	1.913	1.000	7		●
MD177.25.4A7A076C-	1"	1.0000	0.030	1.500	4.000	1.913	1.000	7		●
MD177.25.4A7A152C-	1"	1.0000	0.060	1.500	4.000	1.913	1.000	7		●
MD177.25.4A7A305C-	1"	1.0000	0.120	1.500	4.000	1.913	1.000	7		●
MD177.25.4A7D076I-	1"	1.0000	0.030	2.625	5.000	2.717	1.000	7	●	
MD177.25.4A7D152I-	1"	1.0000	0.060	2.625	5.000	2.717	1.000	7	●	
MD177.25.4A7D305I-	1"	1.0000	0.120	2.625	5.000	2.717	1.000	7	●	
MD177.25.4A7L038J-	1"	1.0000	0.015	3.250	6.000	3.717	1.000	7	●	
MD177.25.4A7L076J-	1"	1.0000	0.030	3.250	6.000	3.717	1.000	7	●	
MD177.25.4A7L152J-	1"	1.0000	0.060	3.250	6.000	3.717	1.000	7	●	
MD177.25.4A7L305J-	1"	1.0000	0.120	3.250	6.000	3.717	1.000	7	●	
MD177.25.4A7X076K-	1"	1.0000	0.030	4.250	7.000	4.913	1.000	7	★	

Ordering example for the grade WJ30EN: MD177.12.7A7D-WJ30EN
Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

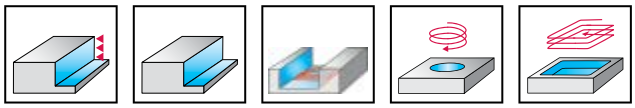
New addition to the product range = ☺ 😐 ☹ / ★

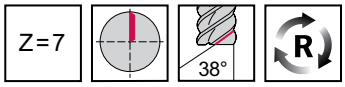
Solid carbide shoulder milling cutters

MD177 Supreme mm



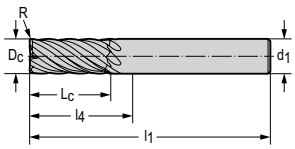
– corner radius





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		

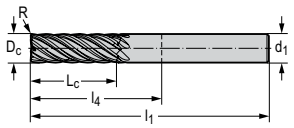
DIN 6527 L



Cylindrical shank

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30EN
MD177-06.0A7B030-	6	0.3	13	57	21	6	7	☺
MD177-08.0A7B040-	8	0.4	19	63	27	8	7	☺
MD177-10.0A7B050-	10	0.5	22	72	32	10	7	☺
MD177-12.0A7B060-	12	0.6	26	83	38	12	7	☺
MD177-16.0A7B080-	16	0.8	32	92	44	16	7	☺
MD177-20.0A7B100-	20	1	38	104	54	20	7	☺
MD177-25.0A7B125-	25	1.25	45	121	65	25	7	☺

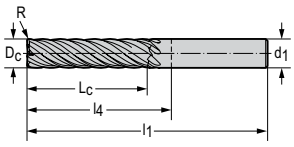
PWZ-NORM L



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
★ MD177-06.0A7L030D-	6	0.3	18	63	27	6	7	☺
★ MD177-08.0A7L040D-	8	0.4	24	80	44	8	7	☺
★ MD177-10.0A7L050D-	10	0.5	30	100	60	10	7	☺
★ MD177-12.0A7L060D-	12	0.6	36	100	55	12	7	☺
★ MD177-16.0A7L080D-	16	0.8	48	115	67	16	7	☺
★ MD177-20.0A7L100D-	20	1	60	126	76	20	7	☺

PWZ-NORM XL

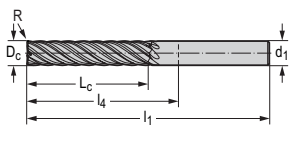


Cylindrical shank

Designation	D_c h10	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30EN
MD177-06.0A7L030K-	6	0.3	25	65	29	6	7	☺
MD177-08.0A7L040K-	8	0.4	34	80	44	8	7	☺
MD177-10.0A7L050K-	10	0.5	42	90	50	10	7	☺
MD177-12.0A7L060K-	12	0.6	50	100	55	12	7	☺
MD177-16.0A7L080K-	16	0.8	66	125	77	16	7	☺
MD177-20.0A7L100K-	20	1	83	145	95	20	7	☺
MD177-25.0A7L125K-	25	1.25	100	163	107	25	7	☺

Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S. Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P

PWZ-NORM XXL



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
★ MD177-08.0A7X040L-	8	0.4	40	100	64	8	7	☺
★ MD177-10.0A7X050L-	10	0.5	50	120	80	10	7	☺
★ MD177-12.0A7X060L-	12	0.6	60	120	75	12	7	☺
★ MD177-16.0A7X080L-	16	0.8	80	150	102	16	7	☺
★ MD177-20.0A7X100L-	20	1	100	170	120	20	7	☺

Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S. Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P

WALTER SELECT

●● Primary application ● Other application

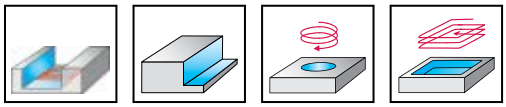
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

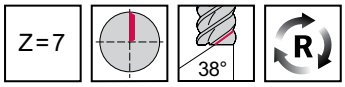
D1

Solid carbide shoulder milling cutters
MD173 Supreme inch



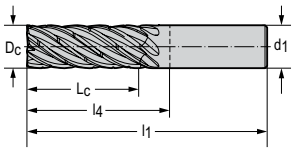
– Chip breaker





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		
WJ30EM (AlTiSiN+)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c	D_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
MD173.6.35A7LX-	1/4"	0.2500	1.250	3.000	1.898	0.250	7	😠	
MD173.12.7A7S-	1/2"	0.5000	1.250	3.000	1.504	0.500	7		😠
MD173.15.9A7DI-	5/8"	0.6250	1.625	3.500	1.625	0.625	7	😠	
MD173.15.9A7LJ-	5/8"	0.6250	2.125	4.000	2.125	0.625	7	😠	
MD173.19.1A7S-	3/4"	0.7500	1.625	4.000	2.307	0.750	7		😠
MD173.19.1A7DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	7		😠
MD173.19.1A7XK-	3/4"	0.7500	3.250	6.000	3.968	0.750	7	😠	
MD173.25.4A7DC-	1"	1.0000	2.625	5.000	2.913	1.000	7		😠
MD173.25.4A7LJ-	1"	1.0000	3.250	6.000	3.717	1.000	7	😠	

Ordering example for the grade WJ30EN: MD173.12.7A7D-WJ30EN
Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😠 → Poor = 😵 machining conditions

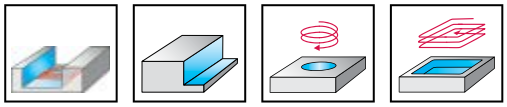
New addition to the product range = 😊 😠 😵 / ★

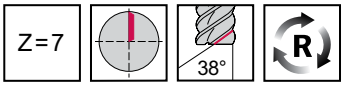
Solid carbide shoulder milling cutters

MD173 Supreme inch



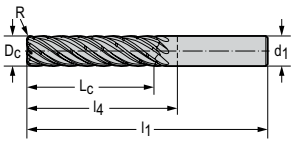
– chip breaker
– corner radius





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		
WJ30EM (AlTiSiN+)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
MD173.6.35A7X038L-	1/4"	0.2500	0.015	1.250	3.000	1.583	0.250	7	●	
MD173.6.35A7L076X-	1/4"	0.2500	0.030	1.250	3.000	1.898	0.250	7	★	
MD173.9.53A7L038J-	3/8"	0.3750	0.015	1.250	3.000	1.437	0.375	7	●	
MD173.9.53A7L076J-	3/8"	0.3750	0.030	1.250	3.000	1.437	0.375	7	●	
MD173.9.53A7L152J-	3/8"	0.3750	0.060	1.250	3.000	1.437	0.375	7	●	
MD173.9.53A7D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	7	★	
MD173.12.7A7D038I-	1/2"	0.5000	0.015	1.250	3.000	1.250	0.500	7	●	
MD173.12.7A7D076I-	1/2"	0.5000	0.030	1.250	3.000	1.250	0.500	7	●	
MD173.12.7A7D152I-	1/2"	0.5000	0.060	1.250	3.000	1.250	0.500	7	●	
MD173.12.7A7D038K-	1/2"	0.5000	0.015	2.125	4.000	2.504	0.500	7	★	
MD173.12.7A7L076K-	1/2"	0.5000	0.030	2.125	4.000	2.217	0.500	7	●	
MD173.12.7A7L152K-	1/2"	0.5000	0.060	2.125	4.000	2.217	0.500	7	●	
MD173.15.9A7D038I-	5/8"	0.6250	0.015	1.625	3.500	1.625	0.625	7	●	
MD173.15.9A7D076-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	7		★
MD173.15.9A7D076I-	5/8"	0.6250	0.030	1.625	3.500	1.625	0.625	7	●	
MD173.15.9A7D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	7		★
MD173.15.9A7D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	7		★
MD173.15.9A7L038J-	5/8"	0.6250	0.015	2.125	4.000	2.125	0.625	7	●	
MD173.15.9A7L076J-	5/8"	0.6250	0.030	2.125	4.000	2.125	0.625	7	●	
MD173.15.9A7L152J-	5/8"	0.6250	0.060	2.125	4.000	2.125	0.625	7	●	
MD173.19.1A7D076-	3/4"	0.7500	0.030	1.625	4.000	1.969	0.750	7	●	
MD173.19.1A7D152-	3/4"	0.7500	0.060	1.625	4.000	1.969	0.750	7	●	
MD173.19.1A7D305-	3/4"	0.7500	0.120	1.625	4.000	1.969	0.750	7	●	
MD173.19.1A7D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	7		★
MD173.19.1A7L076J-	3/4"	0.7500	0.030	2.250	5.000	2.968	0.750	7	●	
MD173.19.1A7L152J-	3/4"	0.7500	0.060	2.250	5.000	2.968	0.750	7	●	
MD173.19.1A7L305J-	3/4"	0.7500	0.120	2.250	5.000	2.968	0.750	7	●	
MD173.19.1A7L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	7	★	
MD173.19.1A7X076K-	3/4"	0.7500	0.030	3.250	6.000	3.968	0.750	7	●	
MD173.19.1A7X152K-	3/4"	0.7500	0.060	3.250	6.000	3.968	0.750	7	●	
MD173.19.1A7X305K-	3/4"	0.7500	0.120	3.250	6.000	3.968	0.750	7	●	
MD173.25.4A7A152C-	1"	1.0000	0.060	1.500	4.000	1.913	1.000	7		★
MD173.25.4A7A305C-	1"	1.0000	0.120	1.500	4.000	1.913	1.000	7		★
MD173.25.4A7D038I-	1"	1.0000	0.015	2.625	5.000	2.717	1.000	7	●	
MD173.25.4A7D076C-	1"	1.0000	0.030	2.625	5.000	2.913	1.000	7		★
MD173.25.4A7D152I-	1"	1.0000	0.060	2.625	5.000	2.717	1.000	7	●	
MD173.25.4A7D305I-	1"	1.0000	0.120	2.625	5.000	2.717	1.000	7	●	
MD173.25.4A7L038J-	1"	1.0000	0.015	3.250	6.000	3.913	1.000	7	★	
MD173.25.4A7L305J-	1"	1.0000	0.120	3.250	6.000	3.913	1.000	7	★	

Ordering example for the grade WJ30EN: MD173.12.7A7D-WJ30EN
Shoulder milling $a_e \leq 0.10 \times D_c$ for ISO-P

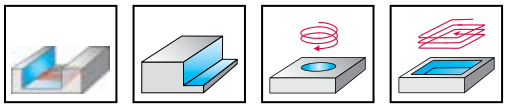
D1

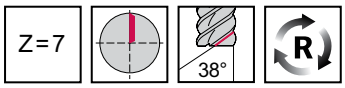
Solid carbide shoulder milling cutters

MD173 Supreme mm



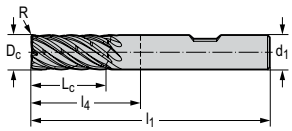
– Chip breaker
– Corner radius





	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

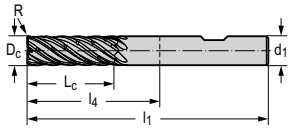
DIN 6527 L



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
★ MD173-06.0W7B030-	6	0.3	13	58	22	6	7	☺
★ MD173-08.0W7B040-	8	0.4	19	63	27	8	7	☺
★ MD173-10.0W7B050-	10	0.5	22	73	33	10	7	☺
★ MD173-12.0W7B060-	12	0.6	26	84	39	12	7	☺
★ MD173-16.0W7B080-	16	0.8	32	93	45	16	7	☺
★ MD173-20.0W7B100-	20	1	41	105	55	20	7	☺

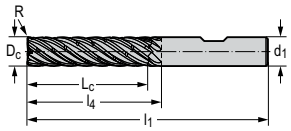
PWZ-NORM-L



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
★ MD173-06.0W7L030D-	6	0.3	18	63	27	6	7	☺
★ MD173-08.0W7L040D-	8	0.4	24	80	44	8	7	☺
★ MD173-10.0W7L050D-	10	0.5	30	100	60	10	7	☺
★ MD173-12.0WL060D-	12	0.6	36	100	55	12	7	☺
★ MD173-16.0W7L080D-	16	0.8	48	115	67	16	7	☺
★ MD173-20.0W7L100D-	20	1	60	126	76	20	7	☺

PWZ-NORM XL

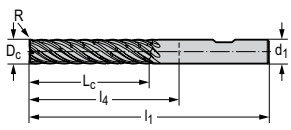


DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
★ MD173-06.0W7L030K-	6	0.3	25	63	27	6	7	☺
★ MD173-08.0W7L040K-	8	0.4	34	80	44	8	7	☺
★ MD173-10.0W7L050K-	10	0.5	42	90	50	10	7	☺
★ MD173-12.0W7L060K-	12	0.6	50	100	55	12	7	☺
★ MD173-16.0W7L080K-	16	0.8	66	127	79	16	7	☺
★ MD173-20.0W7L100K-	20	1	83	150	100	20	7	☺

D1

PWZ-NORM-XXL



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
★ MD173-08.0W7X040L-	8	0.4	40	100	64	8	7	☺
★ MD173-10.0W7X050L-	10	0.5	50	120	80	10	7	☺
★ MD173-12.0W7X060L-	12	0.6	60	120	75	12	7	☺
★ MD173-16.0W7X080L-	16	0.8	80	150	102	16	7	☺
★ MD173-20.0W7X100L-	20	1	100	170	120	20	7	☺

Ordering example for the grade WJ30EN: MD173-08.0W7X040L-WJ30EN

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

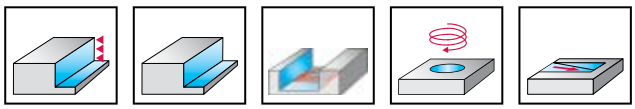
New addition to the product range = ☺ 😐 ☹ / ★

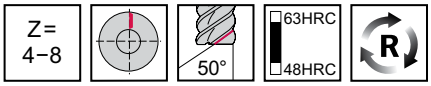
Solid carbide shoulder milling cutters

MC187 Advance inch



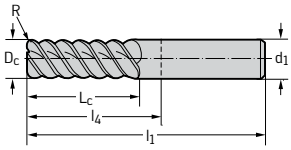
– corner radius
– specialist for hard milling





	P	M	K	N	S	H	O
WB10TG (TiAlN)						●●	

STANDARD



Cylindrical shank

Designation	D_c h9	D_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h5	Z	WB10TG
MC187.3.18A4D038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	4	☺
MC187.4.76A4D038-	3/16"	0.1875	0.015	0.625	2.500	1.083	0.250	4	☺
MC187.6.35A6D038-	1/4"	0.2500	0.015	0.750	3.000	1.583	0.250	6	☺
MC187.7.94A6D051-	5/16"	0.3125	0.020	0.812	3.000	1.437	0.375	6	☺
MC187.9.53A6D076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	6	☺
MC187.12.7A6D076-	1/2"	0.5000	0.030	1.000	4.500	2.717	0.500	6	☺
MC187.15.9A6D152-	5/8"	0.6250	0.060	1.250	5.000	3.094	0.625	6	☺
MC187.19.1A8D152-	3/4"	0.7500	0.060	1.500	5.000	2.968	0.750	8	☺

Ordering example for the grade WB10TG: MC187.12.7A6D076-WB10TG
Shoulder milling $a_e \leq 0.1 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

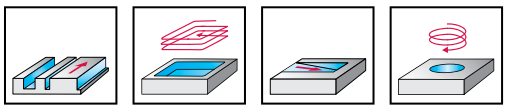
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



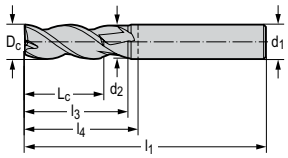
– reduced neck





	P	M	K	N	S	H	O
WK40TP (TiAlN+ZrN)	●●		●				

P-NORM



Cylindrical shank

Designation	d_c h9	d_c h9	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
MD340.1.58A3PC-	1/16"	0.0625	0.164	0.246	0.059	2.000	0.583	0.250	3	
MD340.2.38A3PC-	3/32"	0.0937	0.227	0.34	0.090	2.500	1.083	0.250	3	
MD340.3.18A3PC-	1/8"	0.1250	0.289	0.434	0.119	2.500	1.083	0.250	3	
MD340.4.76A3PC-	3/16"	0.1875	0.414	0.622	0.178	2.500	1.083	0.250	3	
MD340.6.35A3PC-	1/4"	0.2500	0.539	0.809	0.238	3.000	1.437	0.375	3	
MD340.7.93A3PC-	5/16"	0.3125	0.664	0.996	0.297	3.000	1.437	0.375	3	
MD340.9.53A3PC-	3/8"	0.3750	0.829	1.243	0.356	3.000	1.437	0.375	3	
MD340.11.1A3PC-	7/16"	0.4375	0.954	1.43	0.416	3.500	1.717	0.500	3	
MD340.12.7A3PC-	1/2"	0.5000	1.079	1.43	0.475	3.500	1.717	0.500	3	
MD340.15.9A3PC-	5/8"	0.6250	1.329	1.535	0.594	3.500	1.594	0.625	3	
MD340.19.1A3PC-	3/4"	0.7500	1.579	1.890	0.713	4.000	1.969	0.750	3	

Ordering example for the grade WK40TP: MD340.1.58A3PC-WK40TP
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 2.0 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

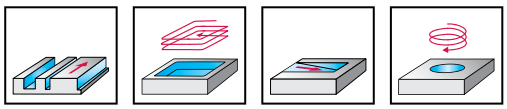
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



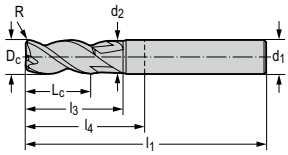
– corner radius
– reduced neck





	P	M	K	N	S	H	O
WK40TP (TiAlN+ZrN)	●●	●	●		●		

P-NORM



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
MD340.6.35A3P038C-	1/4"	0.2500	0.015	0.539	0.809	0.238	3.000	1.437	0.375	3	
MD340.6.35A3P076C-	1/4"	0.2500	0.030	0.539	0.809	0.238	3.000	1.437	0.375	3	
MD340.9.53A3P038C-	3/8"	0.3750	0.015	0.829	1.243	0.356	3.000	1.437	0.375	3	
MD340.9.53A3P076C-	3/8"	0.3750	0.030	0.829	1.243	0.356	3.000	1.437	0.375	3	
MD340.12.7A3P076C-	1/2"	0.5000	0.030	0.954	1.43	0.475	3.500	1.717	0.500	3	
MD340.12.7A3P152C-	1/2"	0.5000	0.060	0.954	1.43	0.475	3.500	1.717	0.500	3	
MD340.19.1A3P076C-	3/4"	0.7500	0.030	1.579	1.890	0.713	4.000	1.969	0.750	3	
MD340.19.1A3P152C-	3/4"	0.7500	0.060	1.579	1.890	0.713	4.000	1.969	0.750	3	

Ordering example for the grade WK40TP: MD340.12.7A3P076C-WK40TP
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 2.0 \times D_c$

D1

WALTER SELECT

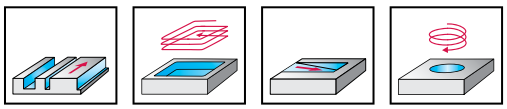
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



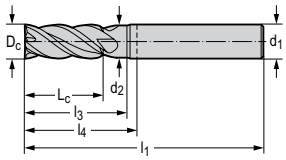
– reduced neck





	P	M	K	N	S	H	O
WK40TP (TiAlN+ZrN)	●●	●	●		●		

ANSI-STANDARD



Cylindrical shank

Designation	d_c h9	d_c h9	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
MD340.6.35A4DC-	1/4"	0.2500	0.405	0.607	0.238	3.000	1.437	0.375	4	😐
MD340.7.93A4DC-	5/16"	0.3125	0.506	0.759	0.297	3.000	1.437	0.375	4	😐
MD340.9.53A4DC-	3/8"	0.3750	0.608	0.911	0.356	3.000	1.437	0.375	4	😐
MD340.12.7A4DC-	1/2"	0.5000	0.810	1.215	0.475	3.500	1.717	0.500	4	😐
MD340.15.9A4DC-	5/8"	0.6250	1.013	1.519	0.594	3.500	1.594	0.625	4	😐
MD340.19.1A4DC-	3/4"	0.7500	1.215	1.822	0.713	4.000	1.969	0.750	4	😐

Ordering example for the grade WK40TP: MD340.12.7A4DC-WK40TP
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 1.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😠 machining conditions

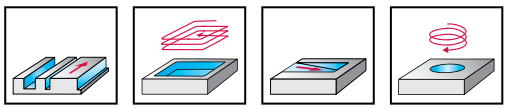
New addition to the product range = 😊 😐 😠 / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



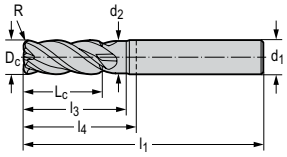
– corner radius
– reduced neck





	P	M	K	N	S	H	O
WK40TP (TiAlN+ZrN)	●●	●	●		●		

ANSI-STANDARD



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
MD340.6.35A4D038C-	1/4"	0.2500	0.015	0.405	0.607	0.238	3.000	1.437	0.375	4	☺
MD340.6.35A4D076C-	1/4"	0.2500	0.030	0.405	0.607	0.238	3.000	1.437	0.375	4	☺
MD340.9.53A4D038C-	3/8"	0.3750	0.015	0.608	0.911	0.356	3.000	1.437	0.375	4	☺
MD340.9.53A4D076C-	3/8"	0.3750	0.030	0.608	0.911	0.356	3.000	1.437	0.375	4	☺
MD340.12.7A4D076C-	1/2"	0.5000	0.030	0.810	1.215	0.475	3.500	1.717	0.500	4	☺
MD340.12.7A4D152C-	1/2"	0.5000	0.060	0.810	1.215	0.475	3.500	1.717	0.500	4	☺
MD340.15.9A4D076C-	5/8"	0.6250	0.030	1.013	1.519	0.594	3.500	1.594	0.625	4	☺
MD340.15.9A4D152C-	5/8"	0.6250	0.060	1.013	1.519	0.594	3.500	1.594	0.625	4	☺
MD340.19.1A4D076C-	3/4"	0.7500	0.030	1.215	1.822	0.713	4.000	1.969	0.750	4	☺
MD340.19.1A4D152C-	3/4"	0.7500	0.060	1.215	1.822	0.713	4.000	1.969	0.750	4	☺

Ordering example for the grade WK40TP: MD340.12.7A4D076C-WK40TP
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 1.5 \times D_c$

D1

WALTER SELECT

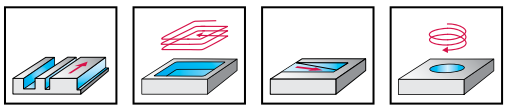
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch

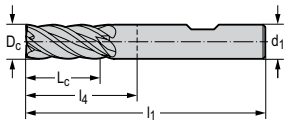






	P	M	K	N	S	H	O
WK40TP (TiAlN+ZrN)	●●	●	●		●		

ANSI-STANDARD



DIN 6535 HB

Designation	d_c h9	d_c h9	L_c inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
MD340.9.53W5D-	3/8"	0.3750	0.875	3.000	1.437	0.375	5	☹
MD340.12.7W5D-	1/2"	0.5000	1.063	3.500	1.717	0.500	5	☹
MD340.15.9W5D-	5/8"	0.6250	1.250	3.500	1.594	0.625	5	☹

Ordering example for the grade WK40TP: MD340.12.7W5D-WK40TP
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 1.0 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

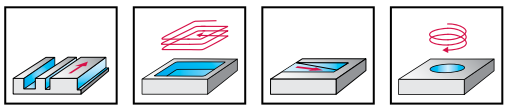
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



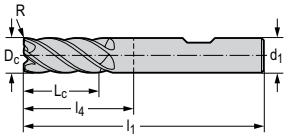
– corner radius





	P	M	K	N	S	H	O
WK40TP (TiAlN+ZrN)	●●	●	●		●		

ANSI-STANDARD



DIN 6535 HB

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
MD340.9.53W5D076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	5	☺
MD340.12.7W5D076-	1/2"	0.5000	0.030	1.063	3.500	1.717	0.500	5	☺
MD340.12.7W5D152-	1/2"	0.5000	0.060	1.063	3.500	1.717	0.500	5	☺
MD340.19.1W5D076-	3/4"	0.7500	0.030	1.500	4.000	1.969	0.750	5	☺
MD340.19.1W5D152-	3/4"	0.7500	0.060	1.500	4.000	1.969	0.750	5	☺

Ordering example for the grade WK40TP: MD340.12.7W5D076-WK40TP
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 1.0 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

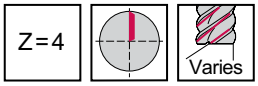
☺ 😐 ☹ / ★ = New addition to the product range

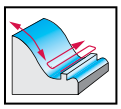
Solid carbide ball-nose copy milling cutters

MA477 Supreme inch



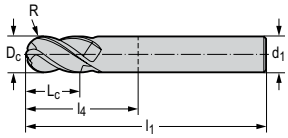
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA477.3.18A4DK-	1/8"	0.1250	0.062	0.500	2.000	1.37	0.125	4		☹
★ MA477.3.18A4LX-	1/8"	0.1250	0.062	0.750	2.500	1.87	0.125	4		☹
★ MA477.3.18A4S-	1/8"	0.1250	0.062	0.250	1.500	0.87	0.125	4	☹	
★ MA477.4.76A4D-	3/16"	0.1875	0.094	0.312	2.000	1.134	0.1875	4	☹	
★ MA477.4.76A4LJ-	3/16"	0.1875	0.094	0.562	2.500	1.634	0.1875	4	☹	
★ MA477.4.76A4LK-	3/16"	0.1875	0.094	0.750	2.500	1.634	0.1875	4		☹
★ MA477.6.35A4D-	1/4"	0.2500	0.125	0.500	2.500	1.398	0.250	4	☹	
★ MA477.6.35A4DJ-	1/4"	0.2500	0.125	0.750	2.500	1.398	0.250	4	☹	
★ MA477.6.35A4LX-	1/4"	0.2500	0.125	1.250	3.000	1.898	0.250	4		☹
★ MA477.6.35A4S-	1/4"	0.2500	0.125	0.375	2.000	0.898	0.250	4	☹	
★ MA477.6.35A4X-	1/4"	0.2500	0.125	0.375	4.000	2.898	0.250	4	☹	
★ MA477.7.93A4D-	5/16"	0.3125	0.156	0.812	2.500	1.398	0.3125	4	☹	
★ MA477.7.93A4LJ-	5/16"	0.3125	0.156	1.000	3.000	1.898	0.3125	4	☹	
★ MA477.7.93A4S-	5/16"	0.3125	0.156	0.437	2.000	0.898	0.3125	4	☹	
★ MA477.7.93A4X-	5/16"	0.3125	0.156	0.437	4.000	2.898	0.3125	4	☹	
★ MA477.9.53A4DJ-	3/8"	0.3750	0.187	1.250	3.000	1.701	0.375	4		☹
★ MA477.9.53A4LK-	3/8"	0.3750	0.187	1.750	4.000	2.701	0.375	4		☹
★ MA477.9.53A4P-	3/8"	0.3750	0.187	0.500	6.000	4.701	0.375	4	☹	
★ MA477.9.53A4S-	3/8"	0.3750	0.187	1.000	2.500	1.201	0.375	4	☹	
★ MA477.9.53A4SS-	3/8"	0.3750	0.187	0.500	2.000	0.701	0.375	4	☹	
★ MA477.12.7A4A-	1/2"	0.5000	0.250	0.625	2.500	1.004	0.500	4	☹	
★ MA477.12.7A4DJ-	1/2"	0.5000	0.250	1.625	4.000	2.504	0.500	4		☹
★ MA477.12.7A4DK-	1/2"	0.5000	0.250	2.000	4.000	2.504	0.500	4		☹
★ MA477.12.7A4P-	1/2"	0.5000	0.250	0.625	8.000	6.504	0.500	4	☹	
★ MA477.12.7A4S-	1/2"	0.5000	0.250	1.250	3.000	1.504	0.500	4	☹	
★ MA477.12.7A4SS-	1/2"	0.5000	0.250	1.000	3.000	1.504	0.500	4	☹	
★ MA477.12.7A4X-	1/2"	0.5000	0.250	0.625	6.000	4.504	0.500	4	☹	
★ MA477.15.9A4D-	5/8"	0.6250	0.312	1.625	3.500	1.807	0.625	4	☹	
★ MA477.15.9A4DS-	5/8"	0.6250	0.312	1.250	3.500	1.807	0.625	4	☹	
★ MA477.15.9A4LJ-	5/8"	0.6250	0.312	2.125	4.000	2.307	0.625	4		☹
★ MA477.15.9A4LK-	5/8"	0.6250	0.312	2.500	5.000	3.307	0.625	4		☹

Ordering example for the grade WJ30EM: MA477.12.7A4A-WJ30EM

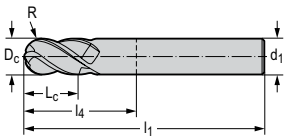
WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

D1

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA477.15.9A4S-	5/8"	0.6250	0.312	0.750	3.000	1.307	0.625	4	☹	
★ MA477.15.9A4X-	5/8"	0.6250	0.312	0.750	6.000	4.307	0.625	4	☹	
★ MA477.19.1A4A-	3/4"	0.7500	0.375	1.000	3.000	1.307	0.750	4	☹	
★ MA477.19.1A4DJ-	3/4"	0.7500	0.375	2.250	5.000	3.307	0.750	4	☹	
★ MA477.19.1A4DJ-	3/4"	0.7500	0.375	2.750	5.000	3.307	0.750	4		☹
★ MA477.19.1A4L-	3/4"	0.7500	0.375	1.000	6.000	4.307	0.750	4	☹	
★ MA477.19.1A4LK-	3/4"	0.7500	0.375	3.250	6.000	4.307	0.750	4		☹
★ MA477.19.1A4P-	3/4"	0.7500	0.375	1.000	9.000	7.307	0.750	4	☹	
★ MA477.19.1A4S-	3/4"	0.7500	0.375	1.625	4.000	2.307	0.750	4	☹	
★ MA477.19.1A4X-	3/4"	0.7500	0.375	1.000	7.000	5.307	0.750	4	☹	
★ MA477.25.4A4AC-	1"	1.0000	0.500	1.250	4.000	1.913	1.000	4	☹	
★ MA477.25.4A4DC-	1"	1.0000	0.500	2.625	5.000	2.913	1.000	4	☹	
★ MA477.25.4A4LC-	1"	1.0000	0.500	1.250	6.000	3.913	1.000	4	☹	
★ MA477.25.4A4LJ-	1"	1.0000	0.500	3.250	6.000	3.913	1.000	4		☹
★ MA477.25.4A4PC-	1"	1.0000	0.500	1.250	12.500	10.413	1.000	4	☹	
★ MA477.25.4A4SC-	1"	1.0000	0.500	2.000	4.500	2.413	1.000	4	☹	
★ MA477.25.4A4XC-	1"	1.0000	0.500	1.250	7.000	4.913	1.000	4	☹	
★ MA477.25.4A4XK-	1"	1.0000	0.500	4.250	7.000	4.913	1.000	4		☹

Ordering example for the grade WJ30EM: MA477.12.7A4A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

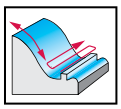
☺ 😐 ☹ / ★ = New addition to the product range

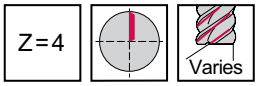
Solid carbide ball-nose copy milling cutters

MA477 Supreme inch



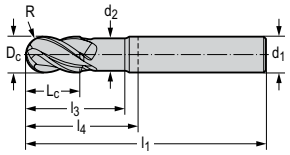
– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	L_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA477.3.18A4DD-	1/8"	0.1250	0.062	0.187	0.375	0.119	2.000	1.37	0.125	4	
★ MA477.3.18A4DE-	1/8"	0.1250	0.062	0.187	0.500	0.119	2.000	1.37	0.125	4	
★ MA477.3.18A4LG-	1/8"	0.1250	0.062	0.187	0.750	0.119	2.500	1.87	0.125	4	
★ MA477.4.76A4DC-	3/16"	0.1875	0.094	0.250	0.500	0.178	2.000	1.134	0.1875	4	
★ MA477.4.76A4LE-	3/16"	0.1875	0.094	0.250	0.750	0.178	2.500	1.634	0.1875	4	
★ MA477.4.76A4LG-	3/16"	0.1875	0.094	0.250	1.125	0.178	2.500	1.634	0.1875	4	
★ MA477.6.35A4XD-	1/4"	0.2500	0.125	0.375	0.750	0.238	4.000	2.898	0.250	4	
★ MA477.6.35A4XE-	1/4"	0.2500	0.125	0.375	1.125	0.238	4.000	2.898	0.250	4	
★ MA477.6.35A4XI-	1/4"	0.2500	0.125	0.375	2.125	0.238	4.000	2.898	0.250	4	
★ MA477.7.93A4XD-	5/16"	0.3125	0.156	0.437	1.125	0.297	4.000	2.898	0.3125	4	
★ MA477.7.93A4XG-	5/16"	0.3125	0.156	0.437	2.125	0.297	4.000	2.898	0.3125	4	
★ MA477.9.53A4LD-	3/8"	0.3750	0.187	0.500	1.125	0.356	4.000	2.701	0.375	4	
★ MA477.9.53A4LF-	3/8"	0.3750	0.187	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA477.9.53A4PI-	3/8"	0.3750	0.187	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA477.9.53A4PX-	3/8"	0.3750	0.187	0.500	4.125	0.356	6.000	4.701	0.375	4	
★ MA477.12.7A4DD-	1/2"	0.5000	0.250	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA477.12.7A4DE-	1/2"	0.5000	0.250	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA477.12.7A4XG-	1/2"	0.5000	0.250	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA477.12.7A4XI-	1/2"	0.5000	0.250	0.625	4.125	0.475	6.000	4.504	0.500	4	
★ MA477.15.9A4LC-	5/8"	0.6250	0.312	0.750	1.625	0.594	4.000	2.307	0.625	4	
★ MA477.15.9A4XD-	5/8"	0.6250	0.312	0.750	2.375	0.594	6.000	4.307	0.625	4	
★ MA477.15.9A4XF-	5/8"	0.6250	0.312	0.750	3.375	0.594	6.000	4.307	0.625	4	
★ MA477.15.9A4XG-	5/8"	0.6250	0.312	0.750	4.125	0.594	6.000	4.307	0.625	4	
★ MA477.19.1A4SC-	3/4"	0.7500	0.375	1.000	2.000	0.713	4.000	2.307	0.750	4	
★ MA477.19.1A4LD-	3/4"	0.7500	0.375	1.000	2.500	0.713	6.000	4.307	0.750	4	
★ MA477.19.1A4LE-	3/4"	0.7500	0.375	1.000	3.375	0.713	6.000	4.307	0.750	4	
★ MA477.19.1A4LF-	3/4"	0.7500	0.375	1.000	4.125	0.713	6.000	4.307	0.750	4	
★ MA477.19.1A4XG-	3/4"	0.7500	0.375	1.000	4.875	0.713	7.000	5.307	0.750	4	
★ MA477.25.4A4A-	1"	1.0000	0.500	1.250	2.250	0.960	4.000	2.287	1.000	4	
★ MA477.25.4A4L-	1"	1.0000	0.500	1.250	2.625	0.960	6.000	3.913	1.000	4	
★ MA477.25.4A4LD-	1"	1.0000	0.500	1.250	3.375	0.960	6.000	3.913	1.000	4	
★ MA477.25.4A4LE-	1"	1.0000	0.500	1.250	4.125	0.960	6.000	4.161	1.000	4	
★ MA477.25.4A4XE-	1"	1.0000	0.500	1.250	4.625	0.960	7.000	4.913	1.000	4	

Ordering example for the grade WJ30EM: MA477.12.7A4DD-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

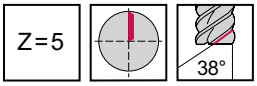
New addition to the product range = ☺ 😐 ☹ / ★

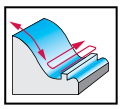
Solid carbide ball-nose copy milling cutters

MA477 Supreme inch



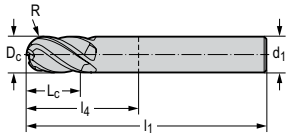
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA477.3.18A5DK-	1/8"	0.1250	0.062	0.500	2.000	1.37	0.125	5		☺
★ MA477.3.18A5LX-	1/8"	0.1250	0.062	0.750	2.500	1.87	0.125	5		☺
★ MA477.3.18A5S-	1/8"	0.1250	0.062	0.250	1.500	0.87	0.125	5	☺	
★ MA477.4.76A5D-	3/16"	0.1875	0.094	0.312	2.000	1.134	0.1875	5	☺	
★ MA477.4.76A5LJ-	3/16"	0.1875	0.094	0.562	2.500	1.634	0.1875	5	☺	
★ MA477.4.76A5LK-	3/16"	0.1875	0.094	0.750	2.500	1.634	0.1875	5		☺
★ MA477.6.35A5D-	1/4"	0.2500	0.125	0.500	2.500	1.398	0.250	5	☺	
★ MA477.6.35A5DJ-	1/4"	0.2500	0.125	0.750	2.500	1.398	0.250	5	☺	
★ MA477.6.35A5LX-	1/4"	0.2500	0.125	1.250	3.000	1.898	0.250	5		☺
★ MA477.6.35A5S-	1/4"	0.2500	0.125	0.375	2.000	0.898	0.250	5	☺	
★ MA477.6.35A5X-	1/4"	0.2500	0.125	0.375	4.000	2.898	0.250	5	☺	
★ MA477.7.93A5D-	5/16"	0.3125	0.156	0.812	2.500	1.398	0.3125	5	☺	
★ MA477.7.93A5LJ-	5/16"	0.3125	0.156	1.000	3.000	1.898	0.3125	5	☺	
★ MA477.7.93A5S-	5/16"	0.3125	0.156	0.437	2.000	0.898	0.3125	5	☺	
★ MA477.7.93A5X-	5/16"	0.3125	0.156	0.437	4.000	2.898	0.3125	5	☺	
★ MA477.9.53A5DJ-	3/8"	0.3750	0.187	1.250	3.000	1.701	0.375	5		☺
★ MA477.9.53A5LK-	3/8"	0.3750	0.187	1.750	4.000	2.701	0.375	5		☺
★ MA477.9.53A5P-	3/8"	0.3750	0.187	0.500	6.000	4.701	0.375	5	☺	
★ MA477.9.53A5S-	3/8"	0.3750	0.187	1.000	2.500	1.398	0.375	5	☺	
★ MA477.9.53A5SS-	3/8"	0.3750	0.187	0.500	2.000	0.898	0.375	5	☺	
★ MA477.12.7A5A-	1/2"	0.5000	0.250	0.625	2.500	1.004	0.500	5	☺	
★ MA477.12.7A5DJ-	1/2"	0.5000	0.250	1.625	4.000	2.504	0.500	5		☺
★ MA477.12.7A5DK-	1/2"	0.5000	0.250	2.000	4.000	2.504	0.500	5		☺
★ MA477.12.7A5P-	1/2"	0.5000	0.250	0.625	8.000	6.504	0.500	5	☺	
★ MA477.12.7A5S-	1/2"	0.5000	0.250	1.250	3.000	1.504	0.500	5	☺	
★ MA477.12.7A5SS-	1/2"	0.5000	0.250	1.000	3.000	1.504	0.500	5	☺	
★ MA477.12.7A5X-	1/2"	0.5000	0.250	0.625	6.000	4.504	0.500	5	☺	
★ MA477.15.9A5D-	5/8"	0.6250	0.312	1.625	3.500	1.807	0.625	5	☺	
★ MA477.15.9A5DS-	5/8"	0.6250	0.312	1.250	3.500	1.807	0.625	5	☺	
★ MA477.15.9A5LJ-	5/8"	0.6250	0.312	2.125	4.000	2.307	0.625	5		☺
★ MA477.15.9A5LK-	5/8"	0.6250	0.312	2.500	5.000	3.307	0.625	5		☺

Ordering example for the grade WJ30EM: MA477.12.7A5A-WJ30EM

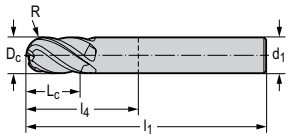
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA477.15.9A5S-	5/8"	0.6250	0.312	0.750	3.000	1.307	0.625	5	●	
★ MA477.15.9A5X-	5/8"	0.6250	0.312	0.750	6.000	4.307	0.625	5	●	
★ MA477.19.1A5A-	3/4"	0.7500	0.375	1.000	3.000	1.307	0.750	5	●	
★ MA477.19.1A5DJ-	3/4"	0.7500	0.375	2.250	5.000	3.307	0.750	5	●	
★ MA477.19.1A5DJ-	3/4"	0.7500	0.375	2.750	5.000	3.307	0.750	5		●
★ MA477.19.1A5L-	3/4"	0.7500	0.375	1.000	6.000	4.307	0.750	5	●	
★ MA477.19.1A5LK-	3/4"	0.7500	0.375	3.250	6.000	4.307	0.750	5		●
★ MA477.19.1A5S-	3/4"	0.7500	0.375	1.625	4.000	2.307	0.750	5	●	
★ MA477.19.1A5X-	3/4"	0.7500	0.375	1.000	7.000	5.307	0.750	5	●	
★ MA477.25.4A5AC-	1"	1.0000	0.500	1.250	4.000	1.913	1.000	5	●	
★ MA477.25.4A5DC-	1"	1.0000	0.500	2.625	5.000	2.913	1.000	5	●	
★ MA477.25.4A5LC-	1"	1.0000	0.500	1.250	6.000	3.913	1.000	5	●	
★ MA477.25.4A5PC-	1"	1.0000	0.500	1.250	12.500	10.413	1.000	5	●	
★ MA477.25.4A5SC-	1"	1.0000	0.500	2.000	4.500	2.413	1.000	5	●	
★ MA477.25.4A5XC-	1"	1.0000	0.500	1.250	7.000	4.913	1.000	5	●	

Ordering example for the grade WJ30EM: MA477.12.7A5A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

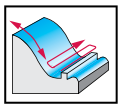
New addition to the product range = ☺ 😐 ☹ / ★

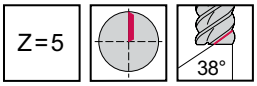
Solid carbide ball-nose copy milling cutters

MA477 Supreme inch



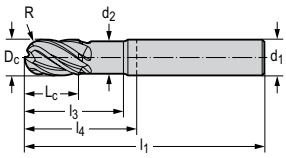
– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	L_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA477.3.18A5DD-	1/8"	0.1250	0.062	0.187	0.375	0.119	2.000	1.37	0.125	5	
★ MA477.3.18A5DE-	1/8"	0.1250	0.062	0.187	0.500	0.119	2.000	1.37	0.125	5	
★ MA477.3.18A5LG-	1/8"	0.1250	0.062	0.187	0.750	0.119	2.500	1.87	0.125	5	
★ MA477.4.76A5DC-	3/16"	0.1875	0.094	0.250	0.500	0.178	2.000	1.134	0.1875	5	
★ MA477.4.76A5LE-	3/16"	0.1875	0.094	0.250	0.750	0.178	2.500	1.634	0.1875	5	
★ MA477.4.76A5LG-	3/16"	0.1875	0.094	0.250	1.125	0.178	2.500	1.634	0.1875	5	
★ MA477.6.35A5XD-	1/4"	0.2500	0.125	0.375	0.750	0.238	4.000	2.898	0.250	5	
★ MA477.6.35A5XE-	1/4"	0.2500	0.125	0.375	1.125	0.238	4.000	2.898	0.250	5	
★ MA477.6.35A5XI-	1/4"	0.2500	0.125	0.375	2.125	0.238	4.000	2.898	0.250	5	
★ MA477.7.93A5XD-	5/16"	0.3125	0.156	0.437	1.125	0.297	4.000	2.898	0.3125	5	
★ MA477.7.93A5XG-	5/16"	0.3125	0.156	0.437	2.125	0.297	4.000	2.898	0.3125	5	
★ MA477.9.53A5LD-	3/8"	0.3750	0.187	0.500	1.125	0.356	4.000	2.701	0.375	5	
★ MA477.9.53A5LF-	3/8"	0.3750	0.187	0.500	2.125	0.356	4.000	2.701	0.375	5	
★ MA477.9.53A5PI-	3/8"	0.3750	0.187	0.500	3.125	0.356	6.000	4.701	0.375	5	
★ MA477.9.53A5PX-	3/8"	0.3750	0.187	0.500	4.125	0.356	6.000	4.701	0.375	5	
★ MA477.12.7A5DD-	1/2"	0.5000	0.250	0.625	1.500	0.475	4.000	2.504	0.500	5	
★ MA477.12.7A5DE-	1/2"	0.5000	0.250	0.625	2.250	0.475	4.000	2.504	0.500	5	
★ MA477.12.7A5XG-	1/2"	0.5000	0.250	0.625	3.375	0.475	6.000	4.504	0.500	5	
★ MA477.12.7A5XI-	1/2"	0.5000	0.250	0.625	4.125	0.475	6.000	4.504	0.500	5	
★ MA477.15.9A5LC-	5/8"	0.6250	0.312	0.750	1.625	0.594	4.000	2.307	0.625	5	
★ MA477.15.9A5XD-	5/8"	0.6250	0.312	0.750	2.375	0.594	6.000	4.307	0.625	5	
★ MA477.15.9A5XF-	5/8"	0.6250	0.312	0.750	3.375	0.594	6.000	4.307	0.625	5	
★ MA477.15.9A5XG-	5/8"	0.6250	0.312	0.750	4.125	0.594	6.000	4.307	0.625	5	
★ MA477.19.1A5SC-	3/4"	0.7500	0.375	1.000	2.000	0.713	4.000	2.307	0.750	5	
★ MA477.19.1A5LD-	3/4"	0.7500	0.375	1.000	2.500	0.713	6.000	4.307	0.750	5	
★ MA477.19.1A5LE-	3/4"	0.7500	0.375	1.000	3.375	0.713	6.000	4.307	0.750	5	
★ MA477.19.1A5LF-	3/4"	0.7500	0.375	1.000	4.125	0.713	6.000	4.307	0.750	5	
★ MA477.19.1A5XG-	3/4"	0.7500	0.375	1.000	4.875	0.713	7.000	5.307	0.750	5	
★ MA477.25.4A5A-	1"	1.0000	0.500	1.250	2.250	0.960	4.000	2.287	1.000	5	
★ MA477.25.4A5L-	1"	1.0000	0.500	1.250	2.625	0.960	6.000	3.913	1.000	5	
★ MA477.25.4A5LD-	1"	1.0000	0.500	1.250	3.375	0.960	6.000	3.913	1.000	5	
★ MA477.25.4A5LE-	1"	1.0000	0.500	1.250	4.125	0.960	6.000	4.161	1.000	5	
★ MA477.25.4A5XE-	1"	1.0000	0.500	1.250	4.625	0.960	7.000	4.913	1.000	5	

Ordering example for the grade WJ30EM: MA477.12.7A5DD-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

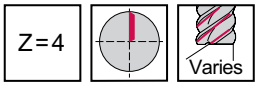
☺ 😐 ☹ / ★ = New addition to the product range

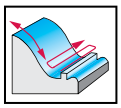
Solid carbide ball-nose copy milling cutters

MA475 Supreme inch



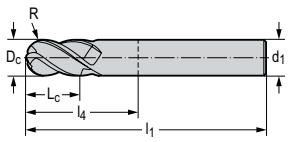
– specialist for Ni based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA475.3.18A4DK-	1/8"	0.1250	0.062	0.500	2.000	1.37	0.125	4		☻
★ MA475.3.18A4S-	1/8"	0.1250	0.062	0.250	1.500	0.87	0.125	4	☻	
★ MA475.4.76A4D-	3/16"	0.1875	0.094	0.312	2.000	1.134	0.1875	4	☻	
★ MA475.4.76A4LJ-	3/16"	0.1875	0.094	0.562	2.500	1.634	0.1875	4	☻	
★ MA475.6.35A4D-	1/4"	0.2500	0.125	0.500	2.500	1.398	0.250	4	☻	
★ MA475.6.35A4DJ-	1/4"	0.2500	0.125	0.750	2.500	1.398	0.250	4	☻	
★ MA475.6.35A4LK-	1/4"	0.2500	0.125	1.000	3.000	1.898	0.250	4		☻
★ MA475.6.35A4S-	1/4"	0.2500	0.125	0.375	2.000	0.898	0.250	4	☻	
★ MA475.7.93A4D-	5/16"	0.3125	0.156	0.812	2.500	1.398	0.3125	4	☻	
★ MA475.7.93A4S-	5/16"	0.3125	0.156	0.437	2.000	0.898	0.3125	4	☻	
★ MA475.9.53A4A-	3/8"	0.3750	0.187	0.500	2.000	0.701	0.375	4	☻	
★ MA475.9.53A4DJ-	3/8"	0.3750	0.187	1.250	3.000	1.701	0.375	4	☻	
★ MA475.9.53A4S-	3/8"	0.3750	0.187	1.000	2.500	1.201	0.375	4	☻	
★ MA475.12.7A4A-	1/2"	0.5000	0.250	0.625	2.500	1.004	0.500	4	☻	
★ MA475.12.7A4DJ-	1/2"	0.5000	0.250	1.625	4.000	2.504	0.500	4	☻	
★ MA475.12.7A4S-	1/2"	0.5000	0.250	1.250	3.000	1.504	0.500	4	☻	
★ MA475.12.7A4SS-	1/2"	0.5000	0.250	1.000	3.000	1.504	0.500	4	☻	

Ordering example for the grade WJ30EM: MA475.12.7A4A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

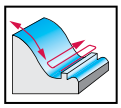
New addition to the product range = ☺ 😐 ☹ / ★

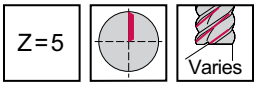
Solid carbide ball-nose copy milling cutters

MA475 Supreme inch



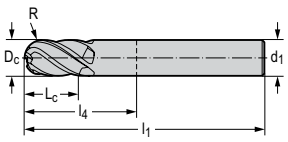
– specialist for Ni based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		

Tool



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA475.6.35A5D-	1/4"	0.2500	0.125	0.500	2.500	1.398	0.250	5	😐	
★ MA475.6.35A5DJ-	1/4"	0.2500	0.125	0.750	2.500	1.398	0.250	5	😐	
★ MA475.6.35A5LK-	1/4"	0.2500	0.125	1.000	3.000	1.898	0.250	5		😐
★ MA475.6.35A5S-	1/4"	0.2500	0.125	0.375	2.000	0.898	0.250	5	😐	
★ MA475.7.93A5D-	5/16"	0.3125	0.156	0.812	2.500	1.398	0.3125	5	😐	
★ MA475.7.93A5S-	5/16"	0.3125	0.156	0.437	2.000	0.898	0.3125	5	😐	
★ MA475.9.53A5A-	3/8"	0.3750	0.187	0.500	2.000	0.701	0.375	5	😐	
★ MA475.9.53A5DJ-	3/8"	0.3750	0.187	1.250	3.000	1.701	0.375	5	😐	
★ MA475.9.53A5S-	3/8"	0.3750	0.187	1.000	2.500	1.201	0.375	5	😐	
★ MA475.12.7A5A-	1/2"	0.5000	0.250	0.625	2.500	1.004	0.500	5	😐	
★ MA475.12.7A5DJ-	1/2"	0.5000	0.250	1.625	4.000	2.504	0.500	5	😐	
★ MA475.12.7A5S-	1/2"	0.5000	0.250	1.250	3.000	1.504	0.500	5	😐	
★ MA475.12.7A5SS-	1/2"	0.5000	0.250	1.000	3.000	1.504	0.500	5	😐	
★ MA475.15.9A5D-	5/8"	0.6250	0.312	1.625	3.500	1.807	0.625	5	😐	
★ MA475.15.9A5DS-	5/8"	0.6250	0.312	1.250	3.500	1.807	0.625	5	😐	
★ MA475.15.9A5S-	5/8"	0.6250	0.312	0.750	3.000	1.307	0.625	5	😐	
★ MA475.19.1A5A-	3/4"	0.7500	0.375	1.000	3.000	1.307	0.750	5	😐	
★ MA475.19.1A5DJ-	3/4"	0.7500	0.375	2.250	5.000	3.307	0.750	5	😐	
★ MA475.19.1A5S-	3/4"	0.7500	0.375	1.625	4.000	2.307	0.750	5	😐	
★ MA475.25.4A5AC-	1"	1.0000	0.500	1.500	4.000	1.913	1.000	5	😐	

Ordering example for the grade WJ30EM: MA475.12.7A5A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

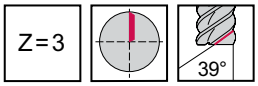
Best tool for → Good = 😀 → Average = 😐 → Poor = 😞 machining conditions

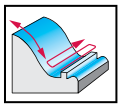
😀 😐 😞 / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MA467 Advance inch

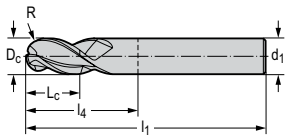






	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			

Tool



Cylindrical shank

Designation	d_c h7	d_c h7	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA467.3.18A3DJ-	1/8"	0.1250	0.062	0.375	2.000	1.37	0.125	3	☺	☺
★ MA467.3.18A3DK-	1/8"	0.1250	0.062	0.500	2.000	1.37	0.125	3	☺	☺
★ MA467.3.18A3S-	1/8"	0.1250	0.062	0.250	1.500	0.87	0.125	3	☺	☺
★ MA467.4.76A3D-	3/16"	0.1875	0.094	0.312	2.000	1.134	0.1875	3	☺	☺
★ MA467.4.76A3LK-	3/16"	0.1875	0.094	0.750	2.500	1.634	0.1875	3	☺	☺
★ MA467.6.35A3D-	1/4"	0.2500	0.125	0.625	2.500	1.398	0.250	3	☺	☺
★ MA467.6.35A3DJ-	1/4"	0.2500	0.125	0.750	2.500	1.398	0.250	3	☺	☺
★ MA467.6.35A3DS-	1/4"	0.2500	0.125	0.500	2.500	1.398	0.250	3	☺	☺
★ MA467.6.35A3LK-	1/4"	0.2500	0.125	1.000	3.000	1.898	0.250	3	☺	☺
★ MA467.6.35A3S-	1/4"	0.2500	0.125	0.375	2.000	0.898	0.250	3	☺	☺
★ MA467.6.35A3X-	1/4"	0.2500	0.125	0.500	4.000	2.898	0.250	3	☺	☺
★ MA467.7.93A3D-	5/16"	0.3125	0.156	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA467.7.93A3LJ-	5/16"	0.3125	0.156	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA467.9.53A3D-	3/8"	0.3750	0.187	1.000	3.000	1.701	0.375	3	☺	☺
★ MA467.9.53A3DJ-	3/8"	0.3750	0.187	1.250	3.000	1.701	0.375	3	☺	☺
★ MA467.9.53A3LK-	3/8"	0.3750	0.187	1.500	3.500	2.201	0.375	3	☺	☺
★ MA467.9.53A3LX-	3/8"	0.3750	0.187	2.000	4.000	2.701	0.375	3	☺	☺
★ MA467.9.53A3S-	3/8"	0.3750	0.187	0.500	2.000	0.701	0.375	3	☺	☺
★ MA467.9.53A3X-	3/8"	0.3750	0.187	0.750	5.000	3.701	0.375	3	☺	☺
★ MA467.12.7A3A-	1/2"	0.5000	0.250	0.625	2.500	1.004	0.500	3	☺	☺
★ MA467.12.7A3DJ-	1/2"	0.5000	0.250	1.625	4.000	2.504	0.500	3	☺	☺
★ MA467.12.7A3DK-	1/2"	0.5000	0.250	2.000	4.000	2.504	0.500	3	☺	☺
★ MA467.12.7A3LX-	1/2"	0.5000	0.250	2.500	5.000	3.504	0.500	3	☺	☺
★ MA467.12.7A3S-	1/2"	0.5000	0.250	1.250	3.000	1.504	0.500	3	☺	☺
★ MA467.12.7A3SS-	1/2"	0.5000	0.250	1.000	3.000	1.504	0.500	3	☺	☺
★ MA467.12.7A3X-	1/2"	0.5000	0.250	1.000	6.000	4.504	0.500	3	☺	☺
★ MA467.15.9A3D-	5/8"	0.6250	0.312	1.625	3.500	1.807	0.625	3	☺	☺
★ MA467.15.9A3DS-	5/8"	0.6250	0.312	1.250	3.500	1.807	0.625	3	☺	☺
★ MA467.15.9A3S-	5/8"	0.6250	0.312	0.750	3.000	1.307	0.625	3	☺	☺
★ MA467.15.9A3X-	5/8"	0.6250	0.312	1.250	6.000	4.307	0.625	3	☺	☺
★ MA467.19.1A3DJ-	3/4"	0.7500	0.375	2.250	5.000	3.307	0.750	3	☺	☺

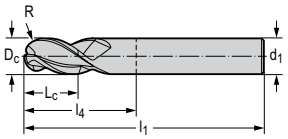
Ordering example for the grade WJ30CD: MA467.12.7A3A-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Tool



Cylindrical shank

Designation	d_c h7	d_c h7	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA467.19.1A3L-	3/4"	0.7500	0.375	1.375	6.000	4.307	0.750	3	☺	☺
★ MA467.19.1A3LK-	3/4"	0.7500	0.375	3.250	6.000	4.307	0.750	3	☺	☺
★ MA467.19.1A3S-	3/4"	0.7500	0.375	1.625	4.000	2.307	0.750	3	☺	☺
★ MA467.19.1A3SS-	3/4"	0.7500	0.375	1.000	4.000	2.307	0.750	3	☺	☺
★ MA467.25.4A3AC-	1"	1.0000	0.500	1.250	4.000	1.913	1.000	3	☺	☺
★ MA467.25.4A3DC-	1"	1.0000	0.500	2.000	5.000	2.913	1.000	3	☺	☺
★ MA467.25.4A3LC-	1"	1.0000	0.500	1.500	6.000	3.913	1.000	3	☺	☺
★ MA467.25.4A3LJ-	1"	1.0000	0.500	3.250	6.000	3.913	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA467.12.7A3A-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

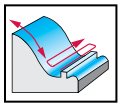
☺ 😐 ☹ / ★ = New addition to the product range

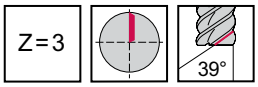
Solid carbide ball-nose copy milling cutters

MA467 Advance inch



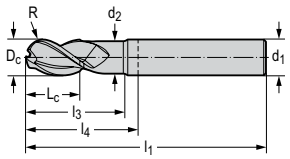
– reduced neck





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			

Tool



Cylindrical shank

Designation	d_c h7	d_c h7	R inch	L_c inch	L_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA467.3.18A3XG-	1/8"	0.1250	0.062	0.250	0.750	0.119	3.000	2.37	0.125	3	☻	☻
★ MA467.3.18A3XI-	1/8"	0.1250	0.062	0.250	1.000	0.119	3.000	2.37	0.125	3	☻	☻
★ MA467.4.76A3XE-	3/16"	0.1875	0.094	0.312	0.750	0.178	3.000	2.134	0.1875	3	☻	☻
★ MA467.4.76A3XF-	3/16"	0.1875	0.094	0.312	1.000	0.178	3.000	2.134	0.1875	3	☻	☻
★ MA467.6.35A3LE-	1/4"	0.2500	0.125	0.500	1.000	0.238	3.000	1.898	0.250	3	☻	☻
★ MA467.6.35A3LG-	1/4"	0.2500	0.125	0.500	1.500	0.238	3.000	1.898	0.250	3	☻	☻
★ MA467.6.35A3XI-	1/4"	0.2500	0.125	0.500	2.000	0.238	4.000	2.898	0.250	3	☻	☻
★ MA467.9.53A3DD-	3/8"	0.3750	0.187	0.750	1.250	0.356	3.000	1.701	0.375	3	☻	☻
★ MA467.9.53A3LE-	3/8"	0.3750	0.187	0.750	1.500	0.356	4.000	2.701	0.375	3	☻	☻
★ MA467.9.53A3LF-	3/8"	0.3750	0.187	0.750	2.000	0.356	4.000	2.701	0.375	3	☻	☻
★ MA467.9.53A3XI-	3/8"	0.3750	0.187	0.750	3.000	0.356	5.000	3.701	0.375	3	☻	☻
★ MA467.12.7A3DD-	1/2"	0.5000	0.250	1.000	1.000	0.475	4.000	2.504	0.500	3	☻	☻
★ MA467.12.7A3DE-	1/2"	0.5000	0.250	1.000	2.000	0.475	4.000	2.504	0.500	3	☻	☻
★ MA467.12.7A3LG-	1/2"	0.5000	0.250	1.000	3.000	0.475	5.000	3.504	0.500	3	☻	☻
★ MA467.12.7A3XI-	1/2"	0.5000	0.250	1.000	4.000	0.475	6.000	4.504	0.500	3	☻	☻
★ MA467.15.9A3LD-	5/8"	0.6250	0.312	1.250	2.000	0.594	4.000	2.307	0.625	3	☻	☻
★ MA467.15.9A3LE-	5/8"	0.6250	0.312	1.250	3.000	0.594	5.000	3.307	0.625	3	☻	☻
★ MA467.15.9A3XG-	5/8"	0.6250	0.312	1.250	4.000	0.594	6.000	4.307	0.625	3	☻	☻
★ MA467.19.1A3SC-	3/4"	0.7500	0.375	1.375	2.000	0.713	4.000	2.307	0.750	3	☻	☻
★ MA467.19.1A3DE-	3/4"	0.7500	0.375	1.375	3.000	0.713	5.000	3.307	0.750	3	☻	☻
★ MA467.19.1A3LF-	3/4"	0.7500	0.375	1.375	4.000	0.713	6.000	4.307	0.750	3	☻	☻
★ MA467.25.4A3A-	1"	1.0000	0.500	1.500	2.000	0.960	4.000	2.075	1.000	3	☻	☻
★ MA467.25.4A3DD-	1"	1.0000	0.500	1.500	3.000	0.960	5.000	3.075	1.000	3	☻	☻
★ MA467.25.4A3LE-	1"	1.0000	0.500	1.500	4.000	0.960	6.000	4.075	1.000	3	☻	☻

Ordering example for the grade WJ30CD: MA467.12.7A3DD-WJ30CD

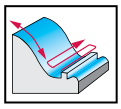
D1

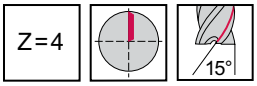
Solid carbide ball-nose copy milling cutters

MA430 Advance inch



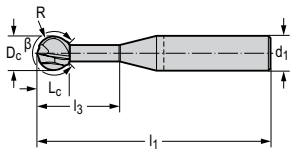
– Spherical Ball = ß 220°
– Spherical Ball = ß 270°
– Spherical Ball = ß 300°





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		

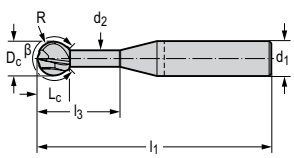
ß 220°



Cylindrical shank

Designation	D_c	D_c inch	R inch	ß°	L_c inch	l_3 inch	l_1 inch	D1 h6	Z	WJ30TF
★ MA430.1.58A4220S	1/16	0.0625	0.031	220	0.042	0.192	1.500	0.1250	4	
★ MA430.2.38A4220S	3/32	0.0938	0.047	220	0.063	0.213	1.500	0.1250	4	
★ MA430.3.18A4220S	1/8	0.1250	0.063	220	0.084	0.234	1.500	0.1250	4	
★ MA430.3.18A4220M	1/8	0.1250	0.063	220	0.084	0.584	1.500	0.1250	4	
★ MA430.3.18A4220L	1/8	0.1250	0.063	220	0.084	0.234	3.000	0.1250	4	
★ MA430.3.18A4220L1	1/8	0.1250	0.063	220	0.084	1.084	3.000	0.1250	4	
★ MA430.3.18A4220L2	1/8	0.1250	0.063	220	0.084	1.584	3.000	0.1250	4	
★ MA430.4.76A4220D	3/16	0.1875	0.094	220	0.126	0.276	2.000	0.1875	4	
★ MA430.4.76A4220M	3/16	0.1875	0.094	220	0.126	0.726	2.000	0.1875	4	
★ MA430.4.76A4220L	3/16	0.1875	0.094	220	0.126	0.276	3.000	0.1875	4	
★ MA430.4.76A4220L1	3/16	0.1875	0.094	220	0.126	1.126	3.000	0.1875	4	
★ MA430.6.35A4220D	1/4	0.2500	0.125	220	0.168	0.368	2.500	0.2500	4	
★ MA430.6.35A4220M	1/4	0.2500	0.125	220	0.168	0.918	2.500	0.2500	4	
★ MA430.6.35A4220L	1/4	0.2500	0.125	220	0.168	0.368	4.000	0.2500	4	
★ MA430.6.35A4220L1	1/4	0.2500	0.125	220	0.168	1.668	4.000	0.2500	4	
★ MA430.6.35A4220L2	1/4	0.2500	0.125	220	0.168	2.418	4.000	0.2500	4	
★ MA430.7.93A4220L1	5/16	0.3125	0.156	220	0.210	0.960	2.500	0.3120	4	
★ MA430.7.93A4220L2	5/16	0.3125	0.156	220	0.210	1.710	4.000	0.3120	4	
★ MA430.9.53A4220S	3/8	0.3750	0.188	220	0.252	0.452	2.500	0.3750	4	
★ MA430.9.53A4220M	3/8	0.3750	0.188	220	0.252	1.002	2.500	0.3750	4	
★ MA430.9.53A4220L	3/8	0.3750	0.188	220	0.252	0.452	4.000	0.3750	4	
★ MA430.9.53A4220L1	3/8	0.3750	0.188	220	0.252	1.752	4.000	0.3750	4	
★ MA430.9.53A4220L2	3/8	0.3750	0.188	220	0.252	2.502	4.000	0.3750	4	
★ MA430.12.7A4220S	1/2	0.5000	0.250	220	0.336	0.586	3.000	0.5000	4	
★ MA430.12.7A4220M	1/2	0.5000	0.250	220	0.336	0.586	3.000	0.5000	4	
★ MA430.12.7A4220L	1/2	0.5000	0.250	220	0.336	1.336	6.000	0.5000	4	
★ MA430.12.7A4220L1	1/2	0.5000	0.250	220	0.336	2.336	6.000	0.5000	4	

ß 270°

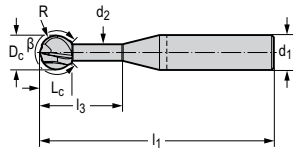


Cylindrical shank

Designation	d_c h9	d_c h9	R inch	ß°	L_c inch	l_3 inch	d_2 inch	l_1 inch	d_1 inch	Z	
★ MA430.3.18A4270L9	1/8	0.1250	0.063	270	0.107	0.169	0.076	1.500	0.1250	4	
★ MA430.3.18A4270	1/8	0.1250	0.063	270	0.107	0.232	0.076	1.500	0.1250	4	
★ MA430.3.18A4270L8	1/8	0.1250	0.063	270	0.107	0.357	0.076	1.500	0.1250	4	
★ MA430.3.18A4270L3	1/8	0.1250	0.063	270	0.107	0.482	0.076	1.500	0.1250	4	
★ MA430.3.18A4270L1	1/8	0.1250	0.063	270	0.107	0.607	0.076	1.500	0.1250	4	
★ MA430.3.18A4270L4	1/8	0.1250	0.063	270	0.107	0.732	0.076	2.000	0.1250	4	

D1

ß 270° (cont.)

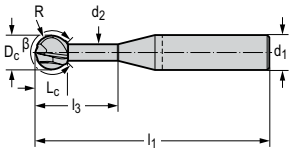


Cylindrical shank

Designation	d_c h9	d_c h9	R inch	ß°	L_c inch	l_3 inch	d_2 inch	l_1 inch	d_1 inch	Z	
★ MA430.3.18A4270L5	1/8	0.1250	0.063	270	0.107	0.857	0.076	2.000	0.1250	4	
★ MA430.3.18A4270L2	1/8	0.1250	0.063	270	0.107	1.107	0.076	3.000	0.1250	4	
★ MA430.3.18A4270L6	1/8	0.1250	0.063	270	0.107	1.357	0.076	3.000	0.1250	4	
★ MA430.3.18A4270L7	1/8	0.1250	0.063	270	0.107	1.607	0.076	3.000	0.1250	4	
★ MA430.3.57A4270	9/64	0.1406	0.070	270	0.119	0.369	0.084	2.000	0.1875	4	
★ MA430.3.57A4270L1	9/64	0.1406	0.070	270	0.119	0.619	0.084	2.000	0.1875	4	
★ MA430.3.97A4270	5/32	0.1563	0.078	270	0.133	0.258	0.098	2.000	0.1875	4	
★ MA430.3.97A4270L1	5/32	0.1563	0.078	270	0.133	0.508	0.098	2.000	0.1875	4	
★ MA430.3.97A4270L2	5/32	0.1563	0.078	270	0.133	0.633	0.098	2.000	0.1875	4	
★ MA430.3.97A4270L3	5/32	0.1563	0.078	270	0.133	0.883	0.098	2.000	0.1875	4	
★ MA430.3.97A4270L4	5/32	0.1563	0.078	270	0.133	1.133	0.098	3.000	0.1875	4	
★ MA430.4.76A4270	3/16	0.1875	0.094	270	0.160	0.285	0.117	2.000	0.1875	4	
★ MA430.4.76A4270L9	3/16	0.1875	0.094	270	0.160	0.410	0.117	2.000	0.1875	4	
★ MA430.4.76A4270L3	3/16	0.1875	0.094	270	0.160	0.535	0.117	2.000	0.1875	4	
★ MA430.4.76A4270L1	3/16	0.1875	0.094	270	0.160	0.660	0.117	2.000	0.1875	4	
★ MA430.4.76A4270L4	3/16	0.1875	0.094	270	0.160	0.910	0.117	2.000	0.1875	4	
★ MA430.4.76A4270L5	3/16	0.1875	0.094	270	0.160	1.160	0.117	3.000	0.1875	4	
★ MA430.4.76A4270L6	3/16	0.1875	0.094	270	0.160	1.410	0.117	3.000	0.1875	4	
★ MA430.4.76A4270L7	3/16	0.1875	0.094	270	0.160	1.660	0.117	3.000	0.1875	4	
★ MA430.4.76A4270L8	3/16	0.1875	0.094	270	0.160	1.910	0.117	3.000	0.1875	4	
★ MA430.5.56A4270	7/32	0.2188	0.109	270	0.186	0.436	0.138	2.500	0.2500	4	
★ MA430.5.56A4270L1	7/32	0.2188	0.109	270	0.186	0.686	0.138	2.500	0.2500	4	
★ MA430.6.35A4270L9	1/4	0.2500	0.125	270	0.213	0.291	0.158	2.500	0.2500	4	
★ MA430.6.35A4270X1	1/4	0.2500	0.125	270	0.213	0.338	0.158	2.500	0.2500	4	
★ MA430.6.35A4270	1/4	0.2500	0.125	270	0.213	0.588	0.158	2.500	0.2500	4	
★ MA430.6.35A4270L3	1/4	0.2500	0.125	270	0.213	0.713	0.158	2.500	0.2500	4	
★ MA430.6.35A4270L4	1/4	0.2500	0.125	270	0.213	0.838	0.158	2.500	0.2500	4	
★ MA430.6.35A4270L1	1/4	0.2500	0.125	270	0.213	0.963	0.158	2.500	0.2500	4	
★ MA430.6.35A4270L5	1/4	0.2500	0.125	270	0.213	1.338	0.158	2.500	0.2500	4	
★ MA430.6.35A4270L2	1/4	0.2500	0.125	270	0.213	1.713	0.158	4.000	0.2500	4	
★ MA430.6.35A4270L6	1/4	0.2500	0.125	270	0.213	2.213	0.158	4.000	0.2500	4	
★ MA430.6.35A4270L7	1/4	0.2500	0.125	270	0.213	2.463	0.158	4.000	0.2500	4	
★ MA430.6.35A4270L8	1/4	0.2500	0.125	270	0.213	2.713	0.158	4.000	0.2500	4	
★ MA430.7.14A4270	9/32	0.2813	0.141	270	0.240	0.615	0.180	2.500	0.3125	4	
★ MA430.7.14A4270L1	9/32	0.2813	0.141	270	0.240	0.990	0.180	2.500	0.3125	4	
★ MA430.7.93A4270D	5/16	0.3125	0.156	270	0.266	0.453	0.201	2.500	0.3125	4	
★ MA430.7.93A4270	5/16	0.3125	0.156	270	0.266	0.641	0.201	2.500	0.3125	4	
★ MA430.7.93A4270L2	5/16	0.3125	0.156	270	0.266	1.016	0.201	2.500	0.3125	4	
★ MA430.7.93A4270L3	5/16	0.3125	0.156	270	0.266	1.391	0.201	4.000	0.3125	4	
★ MA430.7.93A4270L1	5/16	0.3125	0.156	270	0.266	1.766	0.201	4.000	0.3125	4	
★ MA430.7.93A4270L4	5/16	0.3125	0.156	270	0.266	2.266	0.201	4.000	0.3125	4	
★ MA430.7.93A4270L5	5/16	0.3125	0.156	270	0.266	2.516	0.201	4.000	0.3125	4	
★ MA430.9.53A4270L8	3/8	0.3750	0.188	270	0.320	0.413	0.241	5.250	0.3750	4	
★ MA430.9.53A4270	3/8	0.3750	0.188	270	0.320	0.507	0.241	5.750	0.3750	4	
★ MA430.9.53A4270L4	3/8	0.3750	0.188	270	0.320	0.695	0.241	4.000	0.3750	4	
★ MA430.9.53A4270L1	3/8	0.3750	0.188	270	0.320	1.070	0.241	2.500	0.3750	4	
★ MA430.9.53A4270L6	3/8	0.3750	0.188	270	0.320	1.445	0.241	4.250	0.3750	4	
★ MA430.9.53A4270L2	3/8	0.3750	0.188	270	0.320	1.820	0.241	2.500	0.3750	4	
★ MA430.9.53A4270L3	3/8	0.3750	0.188	270	0.320	2.320	0.241	3.000	0.3750	4	

D1

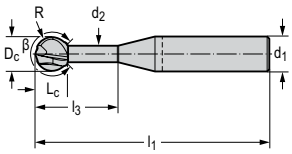
ß 270° (cont.)



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	ß°	L_c inch	l_3 inch	d_2 inch	l_1 inch	d_1 inch	Z	
★ MA430.9.53A4270L7	3/8	0.3750	0.188	270	0.320	2.570	0.241	4.750	0.3750	4	
★ MA430.12.7A4270L5	1/2	0.5000	0.250	270	0.427	0.614	0.323	3.000	0.5000	4	
★ MA430.12.7A4270	1/2	0.5000	0.250	270	0.427	0.927	0.323	3.000	0.5000	4	
★ MA430.12.7A4270L2	1/2	0.5000	0.250	270	0.427	1.427	0.323	3.000	0.5000	4	
★ MA430.12.7A4270L1	1/2	0.5000	0.250	270	0.427	1.927	0.323	6.000	0.5000	4	
★ MA430.12.7A4270L3	1/2	0.5000	0.250	270	0.427	2.427	0.323	6.000	0.5000	4	
★ MA430.12.7A4270L4	1/2	0.5000	0.250	270	0.427	3.427	0.323	6.000	0.5000	4	
★ MA430.15.9A4270	5/8	0.6250	0.313	270	0.533	1.533	0.412	3.500	0.6250	4	
★ MA430.15.9A4270L1	5/8	0.6250	0.313	270	0.533	2.033	0.412	3.500	0.6250	4	

ß 300°



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	ß°	L_c inch	l_3 inch	d_2 inch	l_1 inch	d_1 inch	Z	
★ MA430.3.18A4300	1/8	0.1250	0.063	300	0.116	0.209	0.053	1.500	0.1250	4	
★ MA430.3.18A4300L3	1/8	0.1250	0.063	300	0.116	0.241	0.053	1.500	0.1250	4	
★ MA430.3.18A4300L1	1/8	0.1250	0.063	300	0.116	0.397	0.053	1.500	0.1250	4	
★ MA430.3.18A4300L5	1/8	0.1250	0.063	300	0.116	0.491	0.053	1.500	0.1250	4	
★ MA430.3.18A4300L6	1/8	0.1250	0.063	300	0.116	0.616	0.053	1.500	0.1250	4	
★ MA430.3.97A4300L1	5/32	0.1563	0.078	300	0.145	0.270	0.071	2.000	0.1875	4	
★ MA430.3.97A4300	5/32	0.1563	0.078	300	0.145	0.395	0.071	2.000	0.1875	4	
★ MA430.3.97A4300L2	5/32	0.1563	0.078	300	0.145	0.520	0.071	2.000	0.1875	4	
★ MA430.4.76A4300	3/16	0.1875	0.094	300	0.174	0.299	0.082	2.000	0.1875	4	
★ MA430.4.76A4300L2	3/16	0.1875	0.094	300	0.174	0.424	0.082	2.000	0.1875	4	
★ MA430.4.76A4300L3	3/16	0.1875	0.094	300	0.174	0.486	0.082	2.000	0.1875	4	
★ MA430.4.76A4300L1	3/16	0.1875	0.094	300	0.174	0.611	0.082	2.000	0.1875	4	
★ MA430.4.76A4300L4	3/16	0.1875	0.094	300	0.174	0.799	0.082	2.000	0.1875	4	
★ MA430.4.76A4300L5	3/16	0.1875	0.094	300	0.174	0.924	0.082	2.000	0.1875	4	
★ MA430.6.35A4300	1/4	0.2500	0.125	300	0.233	0.420	0.112	2.500	0.2500	4	
★ MA430.6.35A4300L2	1/4	0.2500	0.125	300	0.233	0.483	0.112	2.500	0.2500	4	
★ MA430.6.35A4300L3	1/4	0.2500	0.125	300	0.233	0.608	0.112	2.500	0.2500	4	
★ MA430.6.35A4300L4	1/4	0.2500	0.125	300	0.233	0.733	0.112	2.500	0.2500	4	
★ MA430.6.35A4300L1	1/4	0.2500	0.125	300	0.233	0.858	0.112	2.500	0.2500	4	
★ MA430.6.35A4300L5	1/4	0.2500	0.125	300	0.233	0.983	0.112	2.500	0.2500	4	
★ MA430.6.35A4300L6	1/4	0.2500	0.125	300	0.233	1.233	0.112	2.500	0.2500	4	
★ MA430.7.93A4300	5/16	0.3125	0.156	300	0.291	0.541	0.143	2.500	0.3125	4	
★ MA430.7.93A4300L1	5/16	0.3125	0.156	300	0.291	0.728	0.143	2.500	0.3125	4	
★ MA430.7.93A4300D	5/16	0.3125	0.156	300	0.291	1.041	0.143	2.500	0.3125	4	
★ MA430.9.53A4300	3/8	0.3750	0.188	300	0.349	0.599	0.172	2.500	0.3750	4	
★ MA430.9.53A4300L2	3/8	0.3750	0.188	300	0.349	0.849	0.172	2.500	0.3750	4	
★ MA430.9.53A4300L1	3/8	0.3750	0.188	300	0.349	1.349	0.172	3.000	0.3750	4	
★ MA430.9.53A4300L3	3/8	0.3750	0.188	300	0.349	1.849	0.172	4.000	0.3750	4	
★ MA430.12.7A4300	1/2	0.5000	0.250	300	0.466	0.778	0.230	3.000	0.5000	4	
★ MA430.12.7A4300L2	1/2	0.5000	0.250	300	0.466	1.216	0.230	3.000	0.5000	4	
★ MA430.12.7A4300L1	1/2	0.5000	0.250	300	0.466	1.716	0.230	4.000	0.5000	4	

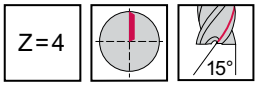
D1

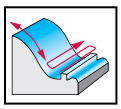
Solid carbide ball-nose copy milling cutters

MA430 Advance mm



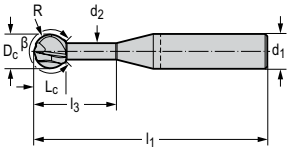
– Spherical Ball = ß 220°





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	d_c mm	R mm	ß°	L_c mm	l_3 mm	l_1 mm	d1 h6	Z	WJ30TF
★ MA430-04.0A4220S-	4	2	220	3	6.8	51	4	4	●
★ MA430-06.0A4220D-	6	3	220	5	8.8	63	6	4	●
★ MA430-08.0A4220S-	8	4	220	6	11.1	63	8	4	●
★ MA430-10.0A4220D-	10	5	220	8	13.1	70	10	4	●
★ MA430-12.0A4220D-	12	6	220	9	15.3	76	12	4	●

Ordering example for the grade WJ30TF: MA430-04.0A4220S-WJ30TF

D1

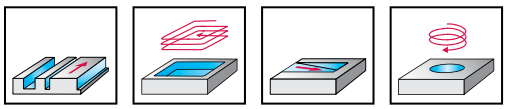
Coating designations

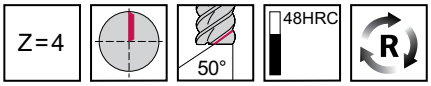
Abbreviation	Description
AlCrSiN	AlCrSiN is an excellent coating for high abrasive wear and heat resistance with a top layer with high hardness and toughness. It has a wide application range and is good in Super Alloys applications. A premium coating for those difficult applications.
AlTiN	ALTiN is ideal for high temperature cutting operation in many materials such as Titanium & Nickel Alloys, Stainless Steel, Alloy Steels & Cast Iron. It is an extremely tough coating that will hold up in heavy and interrupted cuts. AlTiN is ideal in high speed and dry machining applications and when machining hardened steel.
AlTiN+ZrN	AlTiN+ZrN is a high-performance multi-layer coating specially developed for machining steel. This coating has a chemical resistance to emulsions and oils and is effective against built-up edges.
AlTiSiN	AlTiSiN coating is extremely well suited for high performance drilling and milling applications. It has a tough core with HIGH wear and heat resistance, a top layer with extreme high nano-hardness and a very low coefficient of friction for less resistance.
AlTiSiN+	AlTiSiN+ is a very hard coating with a low coefficient of friction. It is best suited for milling Die and Mold Steels. It can also be used in Graphite and some Composites.
CVD Diamond	CVD diamond coated end mills are a standard choice among Mold and Die shops for Machining Graphite, and among manufacturers machining component parts made of Carbon Fiber, High-Silicon Aluminum and other Non-Ferrous materials.
DLC Diamond	DLC amorphous diamond coating is a less expensive alternative to CVD Diamond. This PVD process of applying DLC coating produces hard, smooth, hydrogen free diamond like carbon (DLC) film.
TiAlN+TiAl	TiAlN+TiAl is a high-performance coating for machining stainless steels. Effective against built-up edges, the coating provides a smooth surface while also being wear-resistant.
ZrN	Zirconium Nitride is a coating developed specifically for machining aluminum, yet excellent when machining all other non-ferrous materials. ZrN is also highly recommended for machining Fiberglass, Nylon and most Polymer materials.

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch

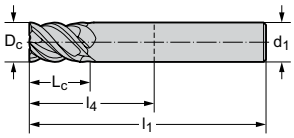






	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STUB



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WK40TF
MC326.6.35A4C-	1/4"	0.2500	0.375	2.000	0.583	0.250	4	☺
MC326.7.94A4C-	5/16"	0.3125	0.500	2.500	0.937	0.3125	4	☺
MC326.9.53A4C-	3/8"	0.3750	0.500	2.500	0.937	0.375	4	☺
MC326.12.7A4C-	1/2"	0.5000	0.625	3.000	1.217	0.500	4	☺
MC326.15.9A4C-	5/8"	0.6250	0.750	3.000	1.094	0.625	4	☺

Ordering example for the grade WK40TF: MC326.12.7A4C-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

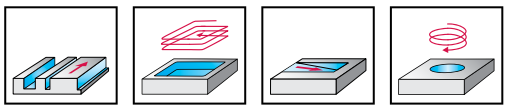
New addition to the product range = ☺ 😐 ☹ / ★

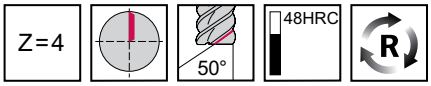
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



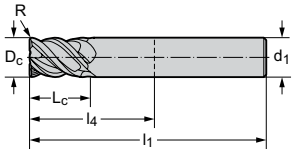
– corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STUB



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WK40TF
MC326.6.35A4C038-	1/4"	0.2500	0.015	0.375	2.000	0.583	0.250	4	☺
MC326.6.35A4C076-	1/4"	0.2500	0.030	0.375	2.000	0.583	0.250	4	☺
MC326.7.94A4C076-	5/16"	0.3125	0.030	0.500	2.500	0.937	0.3125	4	☺
MC326.9.53A4C038-	3/8"	0.3750	0.015	0.500	2.500	0.937	0.375	4	☺
MC326.9.53A4C076-	3/8"	0.3750	0.030	0.500	2.500	0.937	0.375	4	☺
MC326.12.7A4C038-	1/2"	0.5000	0.015	0.625	3.000	1.217	0.500	4	☺
MC326.12.7A4C076-	1/2"	0.5000	0.030	0.625	3.000	1.217	0.500	4	☺
MC326.15.9A4C076-	5/8"	0.6250	0.030	0.750	3.000	1.094	0.625	4	☺
MC326.15.9A4C152-	5/8"	0.6250	0.060	0.750	3.000	1.094	0.625	4	☺

Ordering example for the grade WK40TF: MC326.12.7A4C038-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

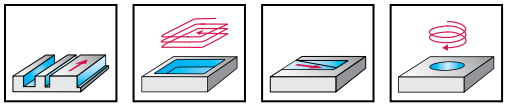
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

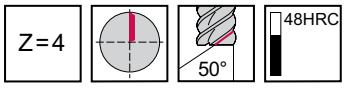
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch

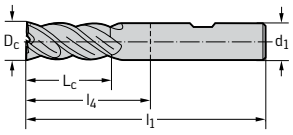






	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	d_c h10	d_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.6.35W4D-	1/4"	0.2500	0.750	3.000	1.437	0.375	4	☺
MC326.7.94W4D-	5/16"	0.3125	0.812	3.000	1.437	0.375	4	☺
MC326.9.53W4D-	3/8"	0.3750	0.875	3.000	1.437	0.375	4	☺
MC326.11.1W4D-	7/16"	0.4375	1.000	3.500	1.717	0.500	4	☺
MC326.12.7W4D-	1/2"	0.5000	1.000	3.500	1.717	0.500	4	☺
MC326.15.9W4D-	5/8"	0.6250	1.250	3.500	1.594	0.625	4	☺
MC326.19.1W4D-	3/4"	0.7500	1.500	4.000	1.969	0.750	4	☺

Ordering example for the grade WK40TF: MC326.11.1W4D-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

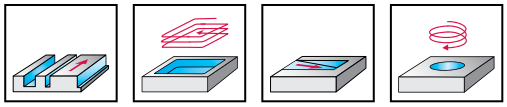
New addition to the product range = ☺ 😐 ☹ / ★

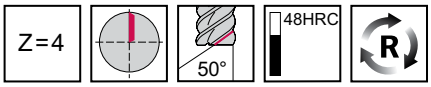
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



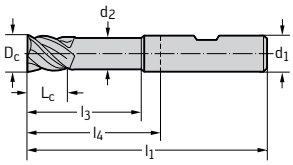
– reduced neck





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	d_c h10	d_c h10	L_c	l_3	d_2	l_1	l_4	d_1	Z	WK40TF
	inch		inch	inch	inch	inch	inch	inch		
MC326.6.35W4DCJ-	1/4"	0.2500	0.250	0.875	0.237	3.000	1.437	0.375	4	
MC326.7.94W4DCJ-	5/16"	0.3125	0.313	1.000	0.297	3.000	1.437	0.375	4	
MC326.9.53W4DCJ-	3/8"	0.3750	0.375	1.000	0.356	3.000	1.437	0.375	4	
MC326.12.7W4DCJ-	1/2"	0.5000	0.500	1.375	0.475	3.500	1.717	0.500	4	
MC326.15.9W4DCJ-	5/8"	0.6250	0.625	1.500	0.594	3.500	1.594	0.625	4	
MC326.19.1W4DCJ-	3/4"	0.7500	0.750	2.000	0.713	4.250	2.218	0.750	4	

Ordering example for the grade WK40TF: MC326,12,7W4DCJ-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

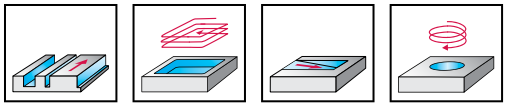
☺ 😐 ☹ / ★ = New addition to the product range

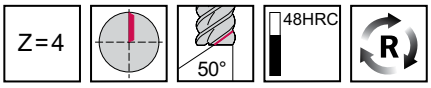
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



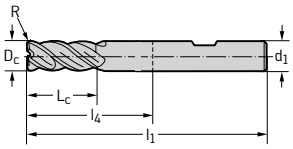
– corner radius





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.6.35W4D102-	1/4"	0.2500	0.040	0.750	3.000	1.437	0.375	4	😐
MC326.7.94W4D203-	5/16"	0.3125	0.080	0.812	3.000	1.437	0.375	4	😐
MC326.9.53W4D203-	3/8"	0.3750	0.080	0.875	3.000	1.437	0.375	4	😐
MC326.11.1W4D203-	7/16"	0.4375	0.080	1.000	3.500	1.717	0.500	4	😐
MC326.12.7W4D305-	1/2"	0.5000	0.120	1.000	3.500	1.717	0.500	4	😐
MC326.15.9W4D318-	5/8"	0.6250	0.125	1.250	3.500	1.594	0.625	4	😐
MC326.15.9W4D406-	5/8"	0.6250	0.160	1.250	3.500	1.594	0.625	4	😐
MC326.19.1W4D318-	3/4"	0.7500	0.125	1.500	4.000	1.969	0.750	4	😐
MC326.19.1W4D406-	3/4"	0.7500	0.160	1.500	4.000	1.969	0.750	4	😐

Ordering example for the grade WK40TF: MC326.11.1W4D203-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = 😊 ➔ Average = 😐 ➔ Poor = 😠 machining conditions

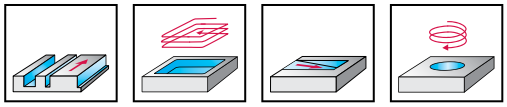
New addition to the product range = 😊 😐 😠 / ★

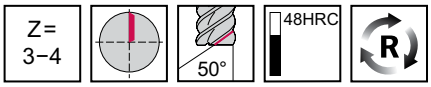
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



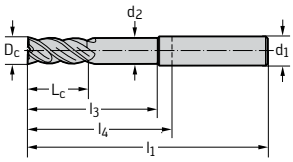
– long reach
– reduced neck





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



Cylindrical shank

Designation	d_c h10	d_c h10	L_c	l_3	d_2	l_1	l_4	d_1	Z	WK40TF
	inch	inch	inch	inch	inch	inch	inch	inch		
MC326.3.18A4LC-	1/8"	0.1250	0.500	1.188	0.119	3.000	1.583	0.250	3	
MC326.4.76A4LC-	3/16"	0.1875	0.625	1.125	0.178	3.000	1.583	0.250	3	
MC326.6.35A4LC-	1/4"	0.2500	0.750	1.375	0.237	3.000	1.583	0.250	4	
MC326.7.94A4LC-	5/16"	0.3125	0.812	1.500	0.297	3.250	1.833	0.375	4	
MC326.9.53A4LC-	3/8"	0.3750	0.875	1.500	0.356	3.250	1.833	0.375	4	
MC326.11.1A4LC-	7/16"	0.4375	1.000	2.875	0.416	4.750	2.967	0.500	4	
MC326.12.7A4LC-	1/2"	0.5000	1.000	2.875	0.475	4.750	2.967	0.500	4	
MC326.15.9A4LC-	5/8"	0.6250	1.250	3.000	0.594	5.000	3.094	0.625	4	
MC326.19.1A4LC-	3/4"	0.7500	1.500	3.000	0.713	5.250	3.218	0.750	4	

Ordering example for the grade WK40TF: MC326.11.1A4LC-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

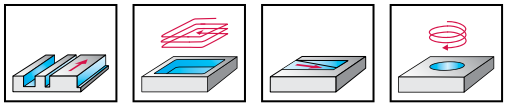
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

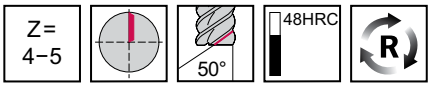
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



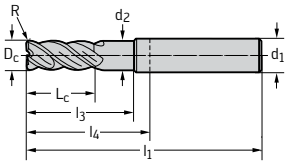
– long reach
– corner radius
– reduced neck





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



Cylindrical shank

Designation	d_c h9	d_c h9	R	L_c	l_3	d_2	l_1	l_4	d_1	Z	WK40TF
	inch	inch	inch	inch	inch	inch	inch	inch	inch		
MC326.3.18A4L051C-	1/8"	0.1250	0.020	0.500	1.188	0.119	3.000	1.583	0.250	3	☹
MC326.4.76A4L051C-	3/16"	0.1875	0.020	0.625	1.125	0.178	3.000	1.583	0.250	3	☹
MC326.6.35A4L076C-	1/4"	0.2500	0.030	0.750	1.375	0.237	3.000	1.583	0.250	4	☹
MC326.6.35A4L102C-	1/4"	0.2500	0.040	0.750	1.375	0.237	3.000	1.583	0.250	4	☹
MC326.7.94A4L076C-	5/16"	0.3125	0.030	0.812	1.500	0.297	3.500	1.937	0.375	4	☹
MC326.7.94A4L203C-	5/16"	0.3125	0.080	0.812	1.500	0.297	3.500	1.937	0.375	4	☹
MC326.9.53A4L076C-	3/8"	0.3750	0.030	0.875	1.500	0.356	3.500	1.937	0.375	4	☹
MC326.9.53A4L152C-	3/8"	0.3750	0.060	0.875	1.500	0.356	3.500	1.937	0.375	4	☹
MC326.9.53A4L203C-	3/8"	0.3750	0.080	0.875	1.500	0.356	3.500	1.937	0.375	4	☹
MC326.12.7A4L076C-	1/2"	0.5000	0.030	1.000	2.875	0.475	4.750	2.967	0.500	4	☹
MC326.12.7A4L152C-	1/2"	0.5000	0.060	1.000	2.875	0.475	4.750	2.967	0.500	4	☹
MC326.12.7A4L305C-	1/2"	0.5000	0.120	1.000	2.875	0.475	4.750	2.967	0.500	4	☹
MC326.15.9A4L076C-	5/8"	0.6250	0.030	1.250	3.000	0.594	5.000	3.217	0.625	4	☹
MC326.15.9A4L152C-	5/8"	0.6250	0.060	1.250	3.000	0.594	5.000	3.217	0.625	4	☹
MC326.15.9A4L318C-	5/8"	0.6250	0.125	1.250	3.000	0.594	5.000	3.094	0.625	4	☹
MC326.19.1A4L152C-	3/4"	0.7500	0.060	1.500	3.000	0.713	5.250	3.218	0.750	4	☹
MC326.19.1A4L318C-	3/4"	0.7500	0.125	1.500	3.000	0.713	5.250	3.218	0.750	4	☹
MC326.19.1A4L406C-	3/4"	0.7500	0.160	1.500	3.000	0.713	5.250	3.218	0.750	4	☹

Ordering example for the grade WK40TF: MC326.12.7A4L076C-WK40TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

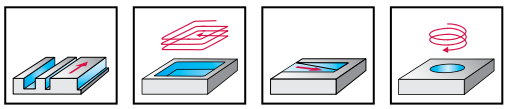
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

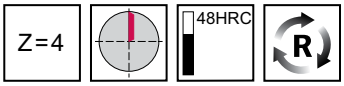
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC321 Advance inch

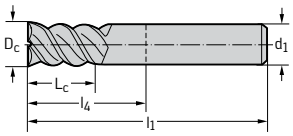






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

STUB



Cylindrical shank

Designation	d_c h11	d_c h11	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC321.3.18A4C-	1/8"	0.1250	0.250	2.500	1.083	0.250	4	☺
MC321.4.75A4C-	3/16"	0.1875	0.375	2.500	1.083	0.250	4	☺
MC321.6.35A4C-	1/4"	0.2500	0.500	2.500	1.083	0.250	4	☺
MC321.7.94A4C-	5/16"	0.3125	0.500	2.500	0.937	0.375	4	☺
MC321.9.53A4C-	3/8"	0.3750	0.563	2.500	0.937	0.375	4	☺
MC321.12.7A4C-	1/2"	0.5000	0.625	3.000	1.217	0.500	4	☺

Ordering example for the grade WJ30TF: MC321.12.7A4C-WJ30TF
Shoulder milling $a_e \leq 0.6 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

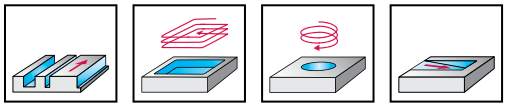
☺ 😐 ☹ / ★ = New addition to the product range

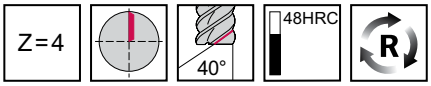
Solid carbide shoulder/slot milling cutter

MC320 Advance inch



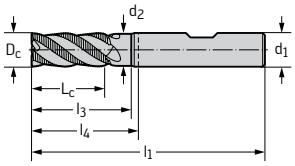
– reduced neck
– fine roughing profile





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	d_c h12	d_c h12	L_c	l_3	d_2	l_1	l_4	d_1	Z	WK40TF
	inch	inch	inch	inch	inch	inch	inch	inch		
MC320.6.35W4DC-	1/4"	0.2500	0.750	0.875	0.23	3.000	1.437	0.375	4	
MC320.9.52W4DC-	3/8"	0.3750	0.875	1.000	0.355	3.000	1.437	0.375	4	
MC320.12.7W4DC-	1/2"	0.5000	1.000	1.374	0.475	3.500	1.717	0.500	4	
MC320.19.1W4DC-	3/4"	0.7500	1.500	2.000	0.713	4.000	1.969	0.750	4	

Ordering example for the grade WK40TF: MC320.12.7W4DC-WK40TF
Shoulder milling $a_e \leq 0.6 \times D_c$
Slot milling $a_p \leq 1.5 \times D_c$

D1

WALTER SELECT

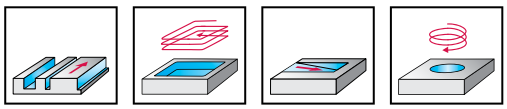
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC216 Advance inch



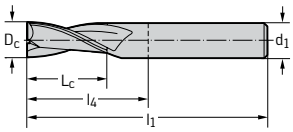




	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

STANDARD

Designation	d_c h10	d_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC216.2.38A2D-	3/32"	0.0937	0.375	2.500	1.083	0.250	2	☺



Cylindrical shank

Ordering example for the grade WJ30TF: MC216.2.38A2D-WJ30TF
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

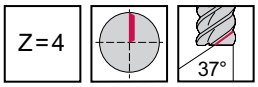
☺ 😐 ☹ / ★ = New addition to the product range

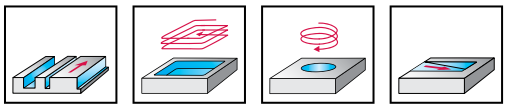
Solid carbide shoulder/slot milling cutters

MA321 Advance inch

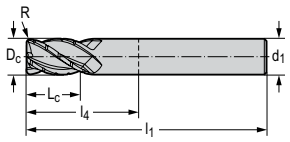


– corner radius
– rougher/finisher - heavy chip breaker





	P	M	K	N	S	H	O
WJ30TF (AlTiN)	●●	●	●		●		
WJ30UU (uncoated)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF	WJ30UU
★ MA321.4.76A4D057J-	3/16"	0.1875	0.0225	0.625	2.000	1.134	0.1875	4	😐	😐
★ MA321.6.35A4D057J-	1/4"	0.2500	0.0225	0.750	2.500	1.398	0.250	4	😐	😐
★ MA321.7.93A4D057-	5/16"	0.3125	0.0225	0.812	2.500	1.398	0.3125	4	😐	😐
★ MA321.9.53A4S057-	3/8"	0.3750	0.0225	1.000	2.500	1.201	0.375	4	😐	😐
★ MA321.12.7A4D057J-	1/2"	0.5000	0.0225	1.625	4.000	2.504	0.500	4	😐	😐
★ MA321.12.7A4S057-	1/2"	0.5000	0.0225	1.250	3.000	1.504	0.500	4	😐	😐
★ MA321.15.9A4D083-	5/8"	0.6250	0.0325	1.250	3.500	1.807	0.625	4	😐	😐
★ MA321.19.1A4D083J-	3/4"	0.7500	0.0325	2.250	5.000	3.307	0.750	4	😐	😐
★ MA321.19.1A4S083-	3/4"	0.7500	0.0325	1.500	4.000	2.307	0.750	4	😐	😐

Ordering example for the grade WJ30TF: MA321.12.7A4D057J-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😠 machining conditions

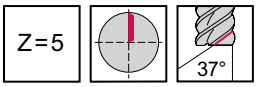
New addition to the product range = 😊 😐 😠 / ★

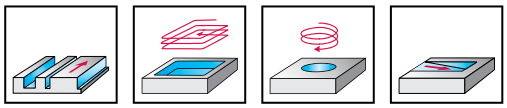
Solid carbide shoulder/slot milling cutters

MA321 Advance inch

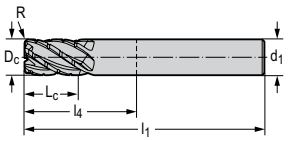


– corner radius
– rougher/finisher - heavy chip breaker





	P	M	K	N	S	H	O
WJ30TF (AlTiN)	●●	●	●		●		
WJ30UU (uncoated)	●●	●	●		●		

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF	WJ30UU
 ★ MA321.25.4A5A083C-	1"	1.0000	0.0325	1.500	4.000	1.913	1.000	5	☻	☻

Cylindrical shank

Ordering example for the grade WJ30TF: MA321.25.4A5A083C-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

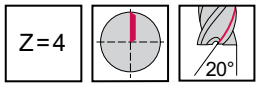
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

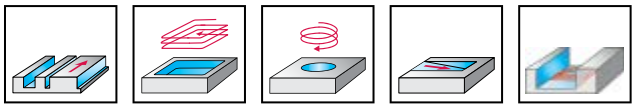
Solid carbide shoulder/slot milling cutters

MA320 Advance inch

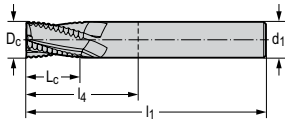




– roughing profile - medium



	P	M	K	N	S	H	O
WJ30TF (AlTiN)	●●	●	●		●		
WJ30UU (uncoated)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF	WJ30UU
★ MA320.4.76A4DJ-	3/16"	0.1875	0.625	2.000	1.134	0.1875	4	☺	☺
★ MA320.6.35A4DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	4	☺	☺
★ MA320.6.35A4LK-	1/4"	0.2500	1.125	3.000	1.898	0.250	4	☺	☺
★ MA320.7.93A4D-	5/16"	0.3125	0.812	2.500	1.398	0.3125	4	☺	☺
★ MA320.9.53A4DJ-	3/8"	0.3750	1.125	3.000	1.701	0.375	4	☺	☺
★ MA320.9.53A4S-	3/8"	0.3750	1.000	2.500	1.201	0.375	4	☺	☺
★ MA320.9.53A4SS-	3/8"	0.3750	0.500	2.000	0.701	0.375	4	☺	☺
★ MA320.12.7A4A-	1/2"	0.5000	0.625	2.500	1.004	0.500	4	☺	☺
★ MA320.12.7A4DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	4	☺	☺
★ MA320.12.7A4S-	1/2"	0.5000	1.250	3.000	1.504	0.500	4	☺	☺
★ MA320.15.9A4D-	5/8"	0.6250	1.250	3.500	1.807	0.625	4	☺	☺
★ MA320.15.9A4LJ-	5/8"	0.6250	2.250	5.000	3.307	0.625	4	☺	☺
★ MA320.19.1A4A-	3/4"	0.7500	0.750	3.000	1.307	0.750	4	☺	☺
★ MA320.19.1A4DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	4	☺	☺
★ MA320.19.1A4S-	3/4"	0.7500	1.500	4.000	2.307	0.750	4	☺	☺

Ordering example for the grade WJ30TF: MA320.12.7A4A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

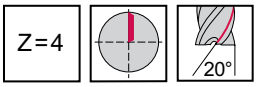
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

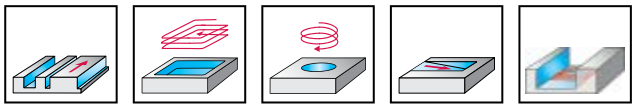
Solid carbide shoulder/slot milling cutters

MA320 Advance mm

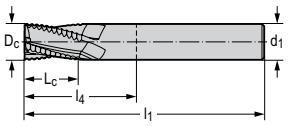




– roughing profile - medium



	P	M	K	N	S	H	O
WJ30TF (AlTiN)	●●	●	●		●		
WJ30UU (uncoated)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF	WJ30UU
★ MA320-06.0A4DJ-	6	20	63	35	6	4	☺	☺
★ MA320-08.0A4S-	8	20	63	35	8	4	☺	☺
★ MA320-10.0A4D-	10	25	70	37	10	4	☺	☺
★ MA320-12.0A4D-	12	25	76	38	12	4	☺	☺
★ MA320-16.0A4D-	16	32	89	46	16	4	☺	☺
★ MA320-20.0A4D-	20	38	100	57	20	4	☺	☺

Ordering example for the grade WJ30TF: MA320-06.0A4DJ-WJ30TF

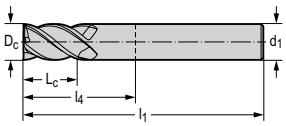
D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.15.9A4X-	5/8"	0.6250	0.750	6.000	4.307	0.625	4	☹	
★ MA377.19.1A4A-	3/4"	0.7500	1.000	3.000	1.307	0.750	4	☹	
★ MA377.19.1A4DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	4	☹	
★ MA377.19.1A4DJ-	3/4"	0.7500	2.750	5.000	3.307	0.750	4		☹
★ MA377.19.1A4L-	3/4"	0.7500	1.000	6.000	4.307	0.750	4	☹	
★ MA377.19.1A4LK-	3/4"	0.7500	3.250	6.000	4.307	0.750	4		☹
★ MA377.19.1A4P-	3/4"	0.7500	1.000	9.000	7.307	0.750	4	☹	
★ MA377.19.1A4S-	3/4"	0.7500	1.625	4.000	2.307	0.750	4	☹	
★ MA377.19.1A4X-	3/4"	0.7500	1.000	7.000	5.307	0.750	4	☹	
★ MA377.25.4A4AC-	1"	1.0000	1.250	4.000	1.913	1.000	4	☹	
★ MA377.25.4A4DC-	1"	1.0000	2.625	5.000	2.913	1.000	4	☹	
★ MA377.25.4A4LC-	1"	1.0000	1.250	6.000	3.913	1.000	4	☹	
★ MA377.25.4A4LJ-	1"	1.0000	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4PC-	1"	1.0000	1.250	12.500	10.413	1.000	4	☹	
★ MA377.25.4A4SC-	1"	1.0000	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4XC-	1"	1.0000	1.250	7.000	4.913	1.000	4	☹	
★ MA377.25.4A4XK-	1"	1.0000	4.250	7.000	4.913	1.000	4		☹

Ordering example for the grade WJ30EM: MA377.12.7A4A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

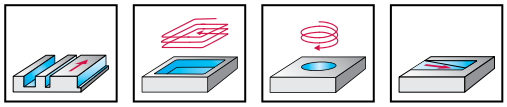
☺ 😐 ☹ / ★ = New addition to the product range

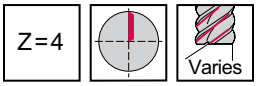
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

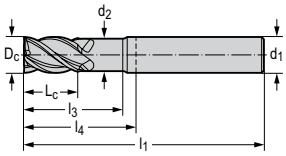


– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.3.18A4DD-	1/8"	0.1250	0.187	0.375	0.119	2.000	1.37	0.125	4	☻
★ MA377.3.18A4DE-	1/8"	0.1250	0.187	0.500	0.119	2.000	1.37	0.125	4	☻
★ MA377.3.18A4LG-	1/8"	0.1250	0.187	0.750	0.119	2.500	1.87	0.125	4	☻
★ MA377.4.76A4DC-	3/16"	0.1875	0.250	0.500	0.178	2.000	1.134	0.1875	4	☻
★ MA377.4.76A4LE-	3/16"	0.1875	0.250	0.750	0.178	2.500	1.634	0.1875	4	☻
★ MA377.4.76A4LG-	3/16"	0.1875	0.250	1.125	0.178	2.500	1.634	0.1875	4	☻
★ MA377.6.35A4XD-	1/4"	0.2500	0.375	0.750	0.238	4.000	2.898	0.250	4	☻
★ MA377.6.35A4XE-	1/4"	0.2500	0.375	1.125	0.238	4.000	2.898	0.250	4	☻
★ MA377.6.35A4XI-	1/4"	0.2500	0.375	2.125	0.238	4.000	2.898	0.250	4	☻
★ MA377.7.93A4XD-	5/16"	0.3125	0.437	1.125	0.297	4.000	2.898	0.3125	4	☻
★ MA377.7.93A4XG-	5/16"	0.3125	0.437	2.125	0.297	4.000	2.898	0.3125	4	☻
★ MA377.9.53A4LD-	3/8"	0.3750	0.500	1.125	0.356	4.000	2.701	0.375	4	☻
★ MA377.9.53A4LF-	3/8"	0.3750	0.500	2.125	0.356	4.000	2.701	0.375	4	☻
★ MA377.9.53A4PI-	3/8"	0.3750	0.500	3.125	0.356	6.000	4.701	0.375	4	☻
★ MA377.9.53A4PX-	3/8"	0.3750	0.500	4.125	0.356	6.000	4.701	0.375	4	☻
★ MA377.12.7A4DD-	1/2"	0.5000	0.625	1.500	0.475	4.000	2.504	0.500	4	☻
★ MA377.12.7A4DE-	1/2"	0.5000	0.625	2.250	0.475	4.000	2.504	0.500	4	☻
★ MA377.12.7A4XG-	1/2"	0.5000	0.625	3.375	0.475	6.000	4.504	0.500	4	☻
★ MA377.12.7A4XI-	1/2"	0.5000	0.625	4.125	0.475	6.000	4.504	0.500	4	☻
★ MA377.15.9A4LC-	5/8"	0.6250	0.750	1.625	0.594	4.000	2.307	0.625	4	☻
★ MA377.15.9A4XD-	5/8"	0.6250	0.750	2.375	0.594	6.000	4.307	0.625	4	☻
★ MA377.15.9A4XF-	5/8"	0.6250	0.750	3.375	0.594	6.000	4.307	0.625	4	☻
★ MA377.15.9A4XG-	5/8"	0.6250	0.750	4.125	0.594	6.000	4.307	0.625	4	☻
★ MA377.19.1A4LD-	3/4"	0.7500	1.000	2.500	0.713	6.000	4.307	0.750	4	☻
★ MA377.19.1A4LE-	3/4"	0.7500	1.000	3.375	0.713	6.000	4.307	0.750	4	☻
★ MA377.19.1A4LF-	3/4"	0.7500	1.000	4.125	0.713	6.000	4.307	0.750	4	☻
★ MA377.19.1A4SC-	3/4"	0.7500	1.000	2.000	0.713	4.000	2.307	0.750	4	☻
★ MA377.19.1A4XG-	3/4"	0.7500	1.000	4.875	0.713	7.000	5.307	0.750	4	☻
★ MA377.25.4A4A-	1"	1.0000	1.250	2.250	0.960	4.000	2.287	1.000	4	☻
★ MA377.25.4A4L-	1"	1.0000	1.250	2.625	0.960	6.000	3.913	1.000	4	☻
★ MA377.25.4A4LD-	1"	1.0000	1.250	3.375	0.960	6.000	3.913	1.000	4	☻
★ MA377.25.4A4LE-	1"	1.0000	1.250	4.125	0.960	6.000	4.161	1.000	4	☻
★ MA377.25.4A4XE-	1"	1.0000	1.250	4.625	0.960	7.000	4.913	1.000	4	☻

Ordering example for the grade WJ30EM: MA377.12.7A4DD-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

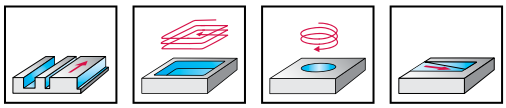
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

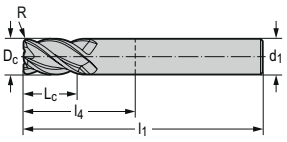
MA377 Supreme inch



– corner radius
– specialist for Ti based alloys



	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.3.18A4D025K-	1/8"	0.1250	0.010	0.500	2.000	1.37	0.125	4		☺
★ MA377.3.18A4D038K-	1/8"	0.1250	0.015	0.500	2.000	1.37	0.125	4		☺
★ MA377.3.18A4D076K-	1/8"	0.1250	0.030	0.500	2.000	1.37	0.125	4		☺
★ MA377.3.18A4L025X-	1/8"	0.1250	0.010	0.750	2.500	1.87	0.125	4		☺
★ MA377.3.18A4L038X-	1/8"	0.1250	0.015	0.750	2.500	1.87	0.125	4		☺
★ MA377.3.18A4L076X-	1/8"	0.1250	0.030	0.750	2.500	1.87	0.125	4		☺
★ MA377.3.18A4S025-	1/8"	0.1250	0.010	0.250	1.500	0.87	0.125	4	☺	
★ MA377.3.18A4S038-	1/8"	0.1250	0.015	0.250	1.500	0.87	0.125	4	☺	
★ MA377.3.18A4S076-	1/8"	0.1250	0.030	0.250	1.500	0.87	0.125	4	☺	
★ MA377.4.76A4D025-	3/16"	0.1875	0.010	0.312	2.000	1.134	0.1875	4	☺	
★ MA377.4.76A4D038-	3/16"	0.1875	0.015	0.312	2.000	1.134	0.1875	4	☺	
★ MA377.4.76A4D076-	3/16"	0.1875	0.030	0.312	2.000	1.134	0.1875	4	☺	
★ MA377.4.76A4L025J-	3/16"	0.1875	0.010	0.562	2.500	1.634	0.1875	4	☺	
★ MA377.4.76A4L025K-	3/16"	0.1875	0.010	0.750	2.500	1.634	0.1875	4		☺
★ MA377.4.76A4L038J-	3/16"	0.1875	0.015	0.562	2.500	1.634	0.1875	4	☺	
★ MA377.4.76A4L038K-	3/16"	0.1875	0.015	0.750	2.500	1.634	0.1875	4		☺
★ MA377.4.76A4L076J-	3/16"	0.1875	0.030	0.562	2.500	1.634	0.1875	4	☺	
★ MA377.4.76A4L076K-	3/16"	0.1875	0.030	0.750	2.500	1.634	0.1875	4		☺
★ MA377.6.35A4D038-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D051-	1/4"	0.2500	0.020	0.500	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D051J-	1/4"	0.2500	0.020	0.750	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D076-	1/4"	0.2500	0.030	0.500	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D152-	1/4"	0.2500	0.060	0.500	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4D152J-	1/4"	0.2500	0.060	0.750	2.500	1.398	0.250	4	☺	
★ MA377.6.35A4L038X-	1/4"	0.2500	0.015	1.250	3.000	1.898	0.250	4		☺
★ MA377.6.35A4L051X-	1/4"	0.2500	0.020	1.250	3.000	1.898	0.250	4		☺
★ MA377.6.35A4L076X-	1/4"	0.2500	0.030	1.250	3.000	1.898	0.250	4		☺
★ MA377.6.35A4L152X-	1/4"	0.2500	0.060	1.250	3.000	1.898	0.250	4		☺
★ MA377.6.35A4S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	4	☺	
★ MA377.6.35A4S051-	1/4"	0.2500	0.020	0.375	2.000	0.898	0.250	4	☺	
★ MA377.6.35A4S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	4	☺	
★ MA377.6.35A4S152-	1/4"	0.2500	0.060	0.375	2.000	0.898	0.250	4	☺	
★ MA377.6.35A4X038-	1/4"	0.2500	0.015	0.375	4.000	2.898	0.250	4	☺	
★ MA377.6.35A4X051-	1/4"	0.2500	0.020	0.375	4.000	2.898	0.250	4	☺	

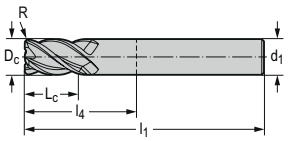
Ordering example for the grade WJ30EM: MA377.12.7A4A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

D1



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.6.35A4X076-	1/4"	0.2500	0.030	0.375	4.000	2.898	0.250	4	●●	
★ MA377.6.35A4X152-	1/4"	0.2500	0.060	0.375	4.000	2.898	0.250	4	●●	
★ MA377.7.93A4D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	4	●●	
★ MA377.7.93A4D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	4	●●	
★ MA377.7.93A4D152-	5/16"	0.3125	0.060	0.812	2.500	1.398	0.3125	4	●●	
★ MA377.7.93A4L038J-	5/16"	0.3125	0.015	1.000	3.000	1.898	0.3125	4	●●	
★ MA377.7.93A4L076J-	5/16"	0.3125	0.030	1.000	3.000	1.898	0.3125	4	●●	
★ MA377.7.93A4L152J-	5/16"	0.3125	0.060	1.000	3.000	1.898	0.3125	4	●●	
★ MA377.7.93A4S038-	5/16"	0.3125	0.015	0.437	2.000	0.898	0.3125	4	●●	
★ MA377.7.93A4S076-	5/16"	0.3125	0.030	0.437	2.000	0.898	0.3125	4	●●	
★ MA377.7.93A4S152-	5/16"	0.3125	0.060	0.437	2.000	0.898	0.3125	4	●●	
★ MA377.7.93A4X038-	5/16"	0.3125	0.015	0.437	4.000	2.898	0.3125	4	●●	
★ MA377.7.93A4X076-	5/16"	0.3125	0.030	0.437	4.000	2.898	0.3125	4	●●	
★ MA377.7.93A4X152-	5/16"	0.3125	0.060	0.437	4.000	2.898	0.3125	4	●●	
★ MA377.9.53A4D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	4		●●
★ MA377.9.53A4D051J-	3/8"	0.3750	0.020	1.250	3.000	1.701	0.375	4		●●
★ MA377.9.53A4D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	4		●●
★ MA377.9.53A4D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	4		●●
★ MA377.9.53A4D305J-	3/8"	0.3750	0.120	1.250	3.000	1.701	0.375	4		●●
★ MA377.9.53A4L038K-	3/8"	0.3750	0.015	1.750	4.000	2.701	0.375	4		●●
★ MA377.9.53A4L051K-	3/8"	0.3750	0.020	1.750	4.000	2.701	0.375	4		●●
★ MA377.9.53A4L076K-	3/8"	0.3750	0.030	1.750	4.000	2.701	0.375	4		●●
★ MA377.9.53A4L152K-	3/8"	0.3750	0.060	1.750	4.000	2.701	0.375	4		●●
★ MA377.9.53A4L305K-	3/8"	0.3750	0.120	1.750	4.000	2.701	0.375	4		●●
★ MA377.9.53A4P038-	3/8"	0.3750	0.015	0.500	6.000	4.701	0.375	4	●●	
★ MA377.9.53A4P051-	3/8"	0.3750	0.020	0.500	6.000	4.701	0.375	4	●●	
★ MA377.9.53A4P076-	3/8"	0.3750	0.030	0.500	6.000	4.701	0.375	4	●●	
★ MA377.9.53A4P152-	3/8"	0.3750	0.060	0.500	6.000	4.701	0.375	4	●●	
★ MA377.9.53A4P305-	3/8"	0.3750	0.120	0.500	6.000	4.701	0.375	4	●●	
★ MA377.9.53A4S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	4	●●	
★ MA377.9.53A4S038S-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	4	●●	
★ MA377.9.53A4S051-	3/8"	0.3750	0.020	1.000	2.500	1.201	0.375	4	●●	
★ MA377.9.53A4S051S-	3/8"	0.3750	0.020	0.500	2.000	0.701	0.375	4	●●	
★ MA377.9.53A4S076-	3/8"	0.3750	0.030	1.000	2.500	1.201	0.375	4	●●	
★ MA377.9.53A4S076S-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	4	●●	
★ MA377.9.53A4S152-	3/8"	0.3750	0.060	1.000	2.500	1.201	0.375	4	●●	
★ MA377.9.53A4S152S-	3/8"	0.3750	0.060	0.500	2.000	0.701	0.375	4	●●	
★ MA377.9.53A4S305-	3/8"	0.3750	0.120	1.000	2.500	1.201	0.375	4	●●	
★ MA377.9.53A4S305S-	3/8"	0.3750	0.120	0.500	2.000	0.701	0.375	4	●●	
★ MA377.12.7A4A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	4	●●	
★ MA377.12.7A4A051-	1/2"	0.5000	0.020	0.625	2.500	1.004	0.500	4	●●	
★ MA377.12.7A4A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	4	●●	
★ MA377.12.7A4A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	4	●●	
★ MA377.12.7A4A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	4	●●	
★ MA377.12.7A4D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	4		●●
★ MA377.12.7A4D038K-	1/2"	0.5000	0.015	2.000	4.000	2.504	0.500	4		●●
★ MA377.12.7A4D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	4		●●

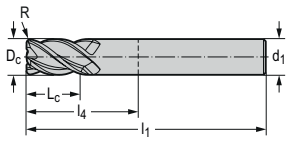
Ordering example for the grade WJ30EM: MA377.12.7A4A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D1



Cylindrical shank

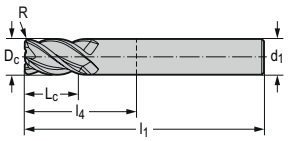
Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.12.7A4D076K-	1/2"	0.5000	0.030	2.000	4.000	2.504	0.500	4		☺
★ MA377.12.7A4D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	4		☺
★ MA377.12.7A4D152K-	1/2"	0.5000	0.060	2.000	4.000	2.504	0.500	4		☺
★ MA377.12.7A4D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	4		☺
★ MA377.12.7A4D305K-	1/2"	0.5000	0.120	2.000	4.000	2.504	0.500	4		☺
★ MA377.12.7A4P038-	1/2"	0.5000	0.015	0.625	8.000	6.504	0.500	4	☺	
★ MA377.12.7A4P076-	1/2"	0.5000	0.030	0.625	8.000	6.504	0.500	4	☺	
★ MA377.12.7A4P152-	1/2"	0.5000	0.060	0.625	8.000	6.504	0.500	4	☺	
★ MA377.12.7A4P305-	1/2"	0.5000	0.120	0.625	8.000	6.504	0.500	4	☺	
★ MA377.12.7A4S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S051-	1/2"	0.5000	0.020	1.250	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S051S-	1/2"	0.5000	0.020	1.000	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	4	☺	
★ MA377.12.7A4X038-	1/2"	0.5000	0.015	0.625	6.000	4.504	0.500	4	☺	
★ MA377.12.7A4X076-	1/2"	0.5000	0.030	0.625	6.000	4.504	0.500	4	☺	
★ MA377.12.7A4X152-	1/2"	0.5000	0.060	0.625	6.000	4.504	0.500	4	☺	
★ MA377.12.7A4X305-	1/2"	0.5000	0.120	0.625	6.000	4.504	0.500	4	☺	
★ MA377.15.9A4D038-	5/8"	0.6250	0.015	1.625	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D038S-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D076S-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D305-	5/8"	0.6250	0.120	1.625	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4D305S-	5/8"	0.6250	0.120	1.250	3.500	1.807	0.625	4	☺	
★ MA377.15.9A4L038J-	5/8"	0.6250	0.015	2.125	4.000	2.307	0.625	4		☺
★ MA377.15.9A4L038K-	5/8"	0.6250	0.015	2.500	5.000	3.307	0.625	4		☺
★ MA377.15.9A4L076J-	5/8"	0.6250	0.030	2.125	4.000	2.307	0.625	4		☺
★ MA377.15.9A4L076K-	5/8"	0.6250	0.030	2.500	5.000	3.307	0.625	4		☺
★ MA377.15.9A4L152J-	5/8"	0.6250	0.060	2.125	4.000	2.307	0.625	4		☺
★ MA377.15.9A4L152K-	5/8"	0.6250	0.060	2.500	5.000	3.307	0.625	4		☺
★ MA377.15.9A4L305J-	5/8"	0.6250	0.120	2.125	4.000	2.307	0.625	4		☺
★ MA377.15.9A4L305K-	5/8"	0.6250	0.120	2.500	5.000	3.307	0.625	4		☺
★ MA377.15.9A4S038-	5/8"	0.6250	0.015	0.750	3.000	1.307	0.625	4	☺	
★ MA377.15.9A4S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	4	☺	
★ MA377.15.9A4S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	4	☺	
★ MA377.15.9A4S305-	5/8"	0.6250	0.120	0.750	3.000	1.307	0.625	4	☺	
★ MA377.15.9A4X038-	5/8"	0.6250	0.015	0.750	6.000	4.307	0.625	4	☺	
★ MA377.15.9A4X076-	5/8"	0.6250	0.030	0.750	6.000	4.307	0.625	4	☺	
★ MA377.15.9A4X152-	5/8"	0.6250	0.060	0.750	6.000	4.307	0.625	4	☺	
★ MA377.15.9A4X305-	5/8"	0.6250	0.120	0.750	6.000	4.307	0.625	4	☺	

Ordering example for the grade WJ30EM: MA377.12.7A4A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions



Cylindrical shank

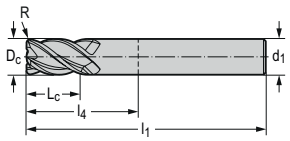
Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.19.1A4A038-	3/4"	0.7500	0.015	1.000	3.000	1.307	0.750	4	●●	
★ MA377.19.1A4A076-	3/4"	0.7500	0.030	1.000	3.000	1.307	0.750	4	●●	
★ MA377.19.1A4A152-	3/4"	0.7500	0.060	1.000	3.000	1.307	0.750	4	●●	
★ MA377.19.1A4A305-	3/4"	0.7500	0.120	1.000	3.000	1.307	0.750	4	●●	
★ MA377.19.1A4A483-	3/4"	0.7500	0.190	1.000	3.000	1.307	0.750	4	●●	
★ MA377.19.1A4A635-	3/4"	0.7500	0.250	1.000	3.000	1.307	0.750	4	●●	
★ MA377.19.1A4D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	4	●●	
★ MA377.19.1A4D038J-	3/4"	0.7500	0.015	2.750	5.000	3.307	0.750	4		●●
★ MA377.19.1A4D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	4	●●	
★ MA377.19.1A4D076J-	3/4"	0.7500	0.030	2.750	5.000	3.307	0.750	4		●●
★ MA377.19.1A4D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	4	●●	
★ MA377.19.1A4D152J-	3/4"	0.7500	0.060	2.750	5.000	3.307	0.750	4		●●
★ MA377.19.1A4D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	4	●●	
★ MA377.19.1A4D305J-	3/4"	0.7500	0.120	2.750	5.000	3.307	0.750	4		●●
★ MA377.19.1A4D483J-	3/4"	0.7500	0.190	2.250	5.000	3.307	0.750	4	●●	
★ MA377.19.1A4D483J-	3/4"	0.7500	0.190	2.750	5.000	3.307	0.750	4		●●
★ MA377.19.1A4D635J-	3/4"	0.7500	0.250	2.250	5.000	3.307	0.750	4	●●	
★ MA377.19.1A4D635J-	3/4"	0.7500	0.250	2.250	5.000	3.307	0.750	4		●●
★ MA377.19.1A4L038-	3/4"	0.7500	0.015	1.000	6.000	4.307	0.750	4	●●	
★ MA377.19.1A4L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	4		●●
★ MA377.19.1A4L076-	3/4"	0.7500	0.030	1.000	6.000	4.307	0.750	4	●●	
★ MA377.19.1A4L076K-	3/4"	0.7500	0.030	3.250	6.000	4.307	0.750	4		●●
★ MA377.19.1A4L152-	3/4"	0.7500	0.060	1.000	6.000	4.307	0.750	4	●●	
★ MA377.19.1A4L152K-	3/4"	0.7500	0.060	3.250	6.000	4.307	0.750	4		●●
★ MA377.19.1A4L305-	3/4"	0.7500	0.120	1.000	6.000	4.307	0.750	4	●●	
★ MA377.19.1A4L305K-	3/4"	0.7500	0.120	3.250	6.000	4.307	0.750	4		●●
★ MA377.19.1A4L483K-	3/4"	0.7500	0.190	3.250	6.000	4.307	0.750	4		●●
★ MA377.19.1A4L635-	3/4"	0.7500	0.250	1.000	6.000	4.307	0.750	4	●●	
★ MA377.19.1A4L635K-	3/4"	0.7500	0.250	3.250	6.000	4.307	0.750	4		●●
★ MA377.19.1A4P038-	3/4"	0.7500	0.015	1.000	9.000	7.307	0.750	4	●●	
★ MA377.19.1A4P076-	3/4"	0.7500	0.030	1.000	9.000	7.307	0.750	4	●●	
★ MA377.19.1A4P152-	3/4"	0.7500	0.060	1.000	9.000	7.307	0.750	4	●●	
★ MA377.19.1A4P305-	3/4"	0.7500	0.120	1.000	9.000	7.307	0.750	4	●●	
★ MA377.19.1A4P635-	3/4"	0.7500	0.250	1.000	9.000	7.307	0.750	4	●●	
★ MA377.19.1A4S038-	3/4"	0.7500	0.015	1.625	4.000	2.307	0.750	4	●●	
★ MA377.19.1A4S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	4	●●	
★ MA377.19.1A4S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	4	●●	
★ MA377.19.1A4S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	4	●●	
★ MA377.19.1A4S483-	3/4"	0.7500	0.190	1.625	4.000	2.307	0.750	4	●●	
★ MA377.19.1A4S635-	3/4"	0.7500	0.250	1.625	4.000	2.307	0.750	4	●●	
★ MA377.19.1A4X038-	3/4"	0.7500	0.015	1.000	7.000	5.307	0.750	4	●●	
★ MA377.19.1A4X076-	3/4"	0.7500	0.030	1.000	7.000	5.307	0.750	4	●●	
★ MA377.19.1A4X152-	3/4"	0.7500	0.060	1.000	7.000	5.307	0.750	4	●●	
★ MA377.19.1A4X305-	3/4"	0.7500	0.120	1.000	7.000	5.307	0.750	4	●●	
★ MA377.19.1A4X635-	3/4"	0.7500	0.250	1.000	7.000	5.307	0.750	4	●●	
★ MA377.25.4A4A038C-	1"	1.0000	0.015	1.250	4.000	1.913	1.000	4	●●	
★ MA377.25.4A4A076C-	1"	1.0000	0.030	1.250	4.000	1.913	1.000	4	●●	

Ordering example for the grade WJ30EM: MA377.12.7A4A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.25.4A4A076C-	1"	1.0000	0.030	1.250	4.000	1.913	1.000	4	☹	
★ MA377.25.4A4A152C-	1"	1.0000	0.060	1.250	4.000	1.913	1.000	4	☹	
★ MA377.25.4A4A305C-	1"	1.0000	0.120	1.250	4.000	1.913	1.000	4	☹	
★ MA377.25.4A4A483C-	1"	1.0000	0.190	1.250	4.000	1.913	1.000	4	☹	
★ MA377.25.4A4A635C-	1"	1.0000	0.250	1.250	4.000	1.913	1.000	4	☹	
★ MA377.25.4A4D038C-	1"	1.0000	0.015	2.625	5.000	2.913	1.000	4	☹	
★ MA377.25.4A4D076C-	1"	1.0000	0.030	2.625	5.000	2.913	1.000	4	☹	
★ MA377.25.4A4D305C-	1"	1.0000	0.120	2.625	5.000	2.913	1.000	4	☹	
★ MA377.25.4A4D483C-	1"	1.0000	0.190	2.625	5.000	2.913	1.000	4	☹	
★ MA377.25.4A4D635C-	1"	1.0000	0.250	2.625	5.000	2.913	1.000	4	☹	
★ MA377.25.4A4L038C-	1"	1.0000	0.015	1.250	6.000	3.913	1.000	4	☹	
★ MA377.25.4A4L038J-	1"	1.0000	0.015	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4L076C-	1"	1.0000	0.030	1.250	6.000	3.913	1.000	4	☹	
★ MA377.25.4A4L076J-	1"	1.0000	0.030	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4L152C-	1"	1.0000	0.060	1.250	6.000	3.913	1.000	4	☹	
★ MA377.25.4A4L152J-	1"	1.0000	0.060	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4L305C-	1"	1.0000	0.120	1.250	6.000	3.913	1.000	4	☹	
★ MA377.25.4A4L305J-	1"	1.0000	0.120	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4L483J-	1"	1.0000	0.190	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4L635C-	1"	1.0000	0.250	1.250	6.000	3.913	1.000	4	☹	
★ MA377.25.4A4L635J-	1"	1.0000	0.250	3.250	6.000	3.913	1.000	4		☹
★ MA377.25.4A4P038C-	1"	1.0000	0.015	1.250	12.500	10.413	1.000	4	☹	
★ MA377.25.4A4P076C-	1"	1.0000	0.030	1.250	12.500	10.413	1.000	4	☹	
★ MA377.25.4A4P152C-	1"	1.0000	0.060	1.250	12.500	10.413	1.000	4	☹	
★ MA377.25.4A4P305C-	1"	1.0000	0.120	1.250	12.500	10.413	1.000	4	☹	
★ MA377.25.4A4P635C-	1"	1.0000	0.250	1.250	12.500	10.413	1.000	4	☹	
★ MA377.25.4A4S038C-	1"	1.0000	0.015	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4S076C-	1"	1.0000	0.030	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4S152C-	1"	1.0000	0.060	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4S305C-	1"	1.0000	0.120	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4S483C-	1"	1.0000	0.190	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4S635C-	1"	1.0000	0.250	2.000	4.500	2.413	1.000	4	☹	
★ MA377.25.4A4X038C-	1"	1.0000	0.015	1.250	7.000	4.913	1.000	4	☹	
★ MA377.25.4A4X038K-	1"	1.0000	0.015	4.250	7.000	4.913	1.000	4		☹
★ MA377.25.4A4X076C-	1"	1.0000	0.030	1.250	7.000	4.913	1.000	4	☹	
★ MA377.25.4A4X076K-	1"	1.0000	0.030	4.250	7.000	4.913	1.000	4		☹
★ MA377.25.4A4X152C-	1"	1.0000	0.060	1.250	7.000	4.913	1.000	4	☹	
★ MA377.25.4A4X152K-	1"	1.0000	0.060	4.250	7.000	4.913	1.000	4		☹
★ MA377.25.4A4X305C-	1"	1.0000	0.120	1.250	7.000	4.913	1.000	4	☹	
★ MA377.25.4A4X305K-	1"	1.0000	0.120	4.250	7.000	4.913	1.000	4		☹
★ MA377.25.4A4X483K-	1"	1.0000	0.190	4.250	7.000	4.913	1.000	4		☹
★ MA377.25.4A4X635C-	1"	1.0000	0.250	1.250	7.000	4.913	1.000	4	☹	
★ MA377.25.4A4X635K-	1"	1.0000	0.250	4.250	7.000	4.913	1.000	4		☹

Ordering example for the grade WJ30EM: MA377.12.7A4A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

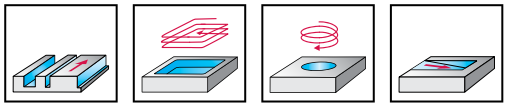
D1

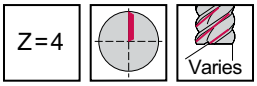
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

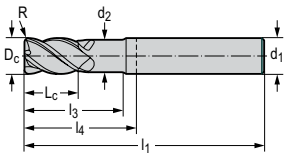


– corner radius
– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.3.18A4D025D-	1/8"	0.1250	0.010	0.187	0.375	0.119	2.000	1.37	0.125	4	●●
★ MA377.3.18A4D025E-	1/8"	0.1250	0.010	0.187	0.500	0.119	2.000	1.37	0.125	4	●●
★ MA377.3.18A4D038D-	1/8"	0.1250	0.015	0.187	0.375	0.119	2.000	1.37	0.125	4	●●
★ MA377.3.18A4D038E-	1/8"	0.1250	0.015	0.187	0.500	0.119	2.000	1.37	0.125	4	●●
★ MA377.3.18A4D076D-	1/8"	0.1250	0.030	0.187	0.375	0.119	2.000	1.37	0.125	4	●●
★ MA377.3.18A4D076E-	1/8"	0.1250	0.030	0.187	0.500	0.119	2.000	1.37	0.125	4	●●
★ MA377.3.18A4L025G-	1/8"	0.1250	0.010	0.187	0.750	0.119	2.500	1.87	0.125	4	●●
★ MA377.3.18A4L038G-	1/8"	0.1250	0.015	0.187	0.750	0.119	2.500	1.87	0.125	4	●●
★ MA377.3.18A4L076G-	1/8"	0.1250	0.030	0.187	0.750	0.119	2.500	1.87	0.125	4	●●
★ MA377.4.76A4D025C-	3/16"	0.1875	0.010	0.250	0.500	0.178	2.000	1.134	0.1875	4	●●
★ MA377.4.76A4D038C-	3/16"	0.1875	0.015	0.250	0.500	0.178	2.000	1.134	0.1875	4	●●
★ MA377.4.76A4D076C-	3/16"	0.1875	0.030	0.250	0.500	0.178	2.000	1.134	0.1875	4	●●
★ MA377.4.76A4L025E-	3/16"	0.1875	0.010	0.250	0.750	0.178	2.500	1.634	0.1875	4	●●
★ MA377.4.76A4L025G-	3/16"	0.1875	0.010	0.250	1.125	0.178	2.500	1.634	0.1875	4	●●
★ MA377.4.76A4L038E-	3/16"	0.1875	0.015	0.250	0.750	0.178	2.500	1.634	0.1875	4	●●
★ MA377.4.76A4L038G-	3/16"	0.1875	0.015	0.250	1.125	0.178	2.500	1.634	0.1875	4	●●
★ MA377.4.76A4L076E-	3/16"	0.1875	0.030	0.250	0.750	0.178	2.500	1.634	0.1875	4	●●
★ MA377.4.76A4L076G-	3/16"	0.1875	0.030	0.250	1.125	0.178	2.500	1.634	0.1875	4	●●
★ MA377.6.35A4X038D-	1/4"	0.2500	0.015	0.375	0.750	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X038E-	1/4"	0.2500	0.015	0.375	1.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X038I-	1/4"	0.2500	0.015	0.375	2.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X051D-	1/4"	0.2500	0.020	0.375	0.750	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X051E-	1/4"	0.2500	0.020	0.375	1.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X051I-	1/4"	0.2500	0.020	0.375	2.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X076D-	1/4"	0.2500	0.030	0.375	0.750	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X076E-	1/4"	0.2500	0.030	0.375	1.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X076I-	1/4"	0.2500	0.030	0.375	2.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X152D-	1/4"	0.2500	0.060	0.375	0.750	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X152E-	1/4"	0.2500	0.060	0.375	1.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.6.35A4X152I-	1/4"	0.2500	0.060	0.375	2.125	0.238	4.000	2.898	0.250	4	●●
★ MA377.7.93A4X038D-	5/16"	0.3125	0.015	0.437	1.125	0.297	4.000	2.898	0.3125	4	●●
★ MA377.7.93A4X038G-	5/16"	0.3125	0.015	0.437	2.125	0.297	4.000	2.898	0.3125	4	●●
★ MA377.7.93A4X076D-	5/16"	0.3125	0.030	0.437	1.125	0.297	4.000	2.898	0.3125	4	●●
★ MA377.7.93A4X076G-	5/16"	0.3125	0.030	0.437	2.125	0.297	4.000	2.898	0.3125	4	●●
★ MA377.7.93A4X152D-	5/16"	0.3125	0.060	0.437	1.125	0.297	4.000	2.898	0.3125	4	●●
★ MA377.7.93A4X152G-	5/16"	0.3125	0.060	0.437	2.125	0.297	4.000	2.898	0.3125	4	●●

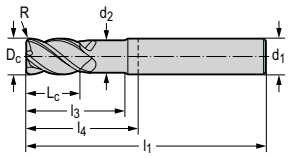
Ordering example for the grade WJ30EM: MA377.12.7A4D038D-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D1



Cylindrical shank

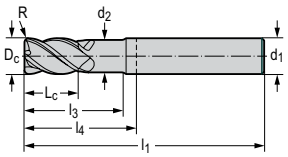
Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.9.53A4L038D-	3/8"	0.3750	0.015	0.500	1.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L038F-	3/8"	0.3750	0.015	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L051D-	3/8"	0.3750	0.020	0.500	1.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L051F-	3/8"	0.3750	0.020	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L076D-	3/8"	0.3750	0.030	0.500	1.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L076F-	3/8"	0.3750	0.030	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L152D-	3/8"	0.3750	0.060	0.500	1.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L152F-	3/8"	0.3750	0.060	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L305D-	3/8"	0.3750	0.120	0.500	1.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4L305F-	3/8"	0.3750	0.120	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA377.9.53A4P038I-	3/8"	0.3750	0.015	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P038X-	3/8"	0.3750	0.015	0.500	4.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P051I-	3/8"	0.3750	0.020	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P051X-	3/8"	0.3750	0.020	0.500	4.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P076I-	3/8"	0.3750	0.030	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P076X-	3/8"	0.3750	0.030	0.500	4.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P152I-	3/8"	0.3750	0.060	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P152X-	3/8"	0.3750	0.060	0.500	4.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P305I-	3/8"	0.3750	0.120	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA377.9.53A4P305X-	3/8"	0.3750	0.120	0.500	4.125	0.356	6.000	4.701	0.375	4	
★ MA377.12.7A4D038D-	1/2"	0.5000	0.015	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D038E-	1/2"	0.5000	0.015	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D076D-	1/2"	0.5000	0.030	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D076E-	1/2"	0.5000	0.030	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D152D-	1/2"	0.5000	0.060	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D152E-	1/2"	0.5000	0.060	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D305D-	1/2"	0.5000	0.120	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4D305E-	1/2"	0.5000	0.120	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA377.12.7A4X038G-	1/2"	0.5000	0.015	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X038I-	1/2"	0.5000	0.015	0.625	4.125	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X076G-	1/2"	0.5000	0.030	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X076I-	1/2"	0.5000	0.030	0.625	4.125	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X152G-	1/2"	0.5000	0.060	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X152I-	1/2"	0.5000	0.060	0.625	4.125	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X305G-	1/2"	0.5000	0.120	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA377.12.7A4X305I-	1/2"	0.5000	0.120	0.625	4.125	0.475	6.000	4.504	0.500	4	
★ MA377.15.9A4L038C-	5/8"	0.6250	0.015	0.750	1.625	0.594	4.000	2.307	0.625	4	
★ MA377.15.9A4L076C-	5/8"	0.6250	0.030	0.750	1.625	0.594	4.000	2.307	0.625	4	
★ MA377.15.9A4L152C-	5/8"	0.6250	0.060	0.750	1.625	0.594	4.000	2.307	0.625	4	
★ MA377.15.9A4L305C-	5/8"	0.6250	0.120	0.750	1.625	0.594	4.000	2.307	0.625	4	
★ MA377.15.9A4X038D-	5/8"	0.6250	0.015	0.750	2.375	0.594	6.000	4.307	0.625	4	
★ MA377.15.9A4X038F-	5/8"	0.6250	0.015	0.750	3.375	0.594	6.000	4.307	0.625	4	
★ MA377.15.9A4X038G-	5/8"	0.6250	0.015	0.750	4.125	0.594	6.000	4.307	0.625	4	
★ MA377.15.9A4X076D-	5/8"	0.6250	0.030	0.750	2.375	0.594	6.000	4.307	0.625	4	
★ MA377.15.9A4X076F-	5/8"	0.6250	0.030	0.750	3.375	0.594	6.000	4.307	0.625	4	
★ MA377.15.9A4X076G-	5/8"	0.6250	0.030	0.750	4.125	0.594	6.000	4.307	0.625	4	
★ MA377.15.9A4X152D-	5/8"	0.6250	0.060	0.750	2.375	0.594	6.000	4.307	0.625	4	

Ordering example for the grade WJ30EM: MA377.12.7A4D038D-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.15.9A4X152F-	5/8"	0.6250	0.060	0.750	3.375	0.594	6.000	4.307	0.625	4	●●
★ MA377.15.9A4X152G-	5/8"	0.6250	0.060	0.750	4.125	0.594	6.000	4.307	0.625	4	●●
★ MA377.15.9A4X305D-	5/8"	0.6250	0.120	0.750	2.375	0.594	6.000	4.307	0.625	4	●●
★ MA377.15.9A4X305F-	5/8"	0.6250	0.120	0.750	3.375	0.594	6.000	4.307	0.625	4	●●
★ MA377.15.9A4X305G-	5/8"	0.6250	0.120	0.750	4.125	0.594	6.000	4.307	0.625	4	●●
★ MA377.19.1A4L038D-	3/4"	0.7500	0.015	1.000	2.500	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L038E-	3/4"	0.7500	0.015	1.000	3.375	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L038F-	3/4"	0.7500	0.015	1.000	4.125	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L076D-	3/4"	0.7500	0.030	1.000	2.500	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L076E-	3/4"	0.7500	0.030	1.000	3.375	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L076F-	3/4"	0.7500	0.030	1.000	4.125	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L152D-	3/4"	0.7500	0.060	1.000	2.500	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L152E-	3/4"	0.7500	0.060	1.000	3.375	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L152F-	3/4"	0.7500	0.060	1.000	4.125	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L305D-	3/4"	0.7500	0.120	1.000	2.500	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L305E-	3/4"	0.7500	0.120	1.000	3.375	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L305F-	3/4"	0.7500	0.120	1.000	4.125	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L635D-	3/4"	0.7500	0.250	1.000	2.500	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L635E-	3/4"	0.7500	0.250	1.000	3.375	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4L635F-	3/4"	0.7500	0.250	1.000	4.125	0.713	6.000	4.307	0.750	4	●●
★ MA377.19.1A4S038C-	3/4"	0.7500	0.015	1.000	2.000	0.713	4.000	2.307	0.750	4	●●
★ MA377.19.1A4S076C-	3/4"	0.7500	0.030	1.000	2.000	0.713	4.000	2.307	0.750	4	●●
★ MA377.19.1A4S152C-	3/4"	0.7500	0.060	1.000	2.000	0.713	4.000	2.307	0.750	4	●●
★ MA377.19.1A4S305C-	3/4"	0.7500	0.120	1.000	2.000	0.713	4.000	2.307	0.750	4	●●
★ MA377.19.1A4S635C-	3/4"	0.7500	0.250	1.000	2.000	0.713	4.000	2.307	0.750	4	●●
★ MA377.19.1A4X038G-	3/4"	0.7500	0.015	1.000	4.875	0.713	7.000	5.307	0.750	4	●●
★ MA377.19.1A4X076G-	3/4"	0.7500	0.030	1.000	4.875	0.713	7.000	5.307	0.750	4	●●
★ MA377.19.1A4X152G-	3/4"	0.7500	0.060	1.000	4.875	0.713	7.000	5.307	0.750	4	●●
★ MA377.19.1A4X305G-	3/4"	0.7500	0.120	1.000	4.875	0.713	7.000	5.307	0.750	4	●●
★ MA377.19.1A4X635G-	3/4"	0.7500	0.250	1.000	4.875	0.713	7.000	5.307	0.750	4	●●
★ MA377.25.4A4A038-	1"	1.0000	0.015	1.250	2.250	0.960	4.000	2.287	1.000	4	●●
★ MA377.25.4A4A076-	1"	1.0000	0.030	1.250	2.250	0.960	4.000	2.287	1.000	4	●●
★ MA377.25.4A4A152-	1"	1.0000	0.060	1.250	2.250	0.960	4.000	2.287	1.000	4	●●
★ MA377.25.4A4A305-	1"	1.0000	0.120	1.250	2.250	0.960	4.000	2.287	1.000	4	●●
★ MA377.25.4A4A635-	1"	1.0000	0.250	1.250	2.250	0.960	4.000	2.287	1.000	4	●●
★ MA377.25.4A4L038-	1"	1.0000	0.015	1.250	2.625	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L038D-	1"	1.0000	0.015	1.250	3.375	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L038E-	1"	1.0000	0.015	1.250	4.125	0.960	6.000	4.161	1.000	4	●●
★ MA377.25.4A4L076-	1"	1.0000	0.030	1.250	2.625	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L076D-	1"	1.0000	0.030	1.250	3.375	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L076E-	1"	1.0000	0.030	1.250	4.125	0.960	6.000	4.161	1.000	4	●●
★ MA377.25.4A4L152-	1"	1.0000	0.060	1.250	2.625	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L152D-	1"	1.0000	0.060	1.250	3.375	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L152E-	1"	1.0000	0.060	1.250	4.125	0.960	6.000	4.161	1.000	4	●●
★ MA377.25.4A4L305-	1"	1.0000	0.120	1.250	2.625	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L305D-	1"	1.0000	0.120	1.250	3.375	0.960	6.000	3.913	1.000	4	●●
★ MA377.25.4A4L305E-	1"	1.0000	0.120	1.250	4.125	0.960	6.000	4.161	1.000	4	●●

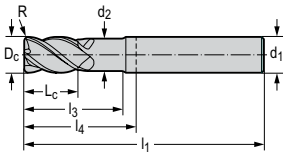
Ordering example for the grade WJ30EM: MA377.12.7A4D038D-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D1



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.25.4A4L635-	1"	1.0000	0.250	1.250	2.625	0.960	6.000	3.913	1.000	4	☺
★ MA377.25.4A4L635D-	1"	1.0000	0.250	1.250	3.375	0.960	6.000	3.913	1.000	4	☺
★ MA377.25.4A4L635E-	1"	1.0000	0.250	1.250	4.125	0.960	6.000	4.161	1.000	4	☺
★ MA377.25.4A4X038E-	1"	1.0000	0.015	1.250	4.625	0.960	7.000	4.913	1.000	4	☺
★ MA377.25.4A4X076E-	1"	1.0000	0.030	1.250	4.625	0.960	7.000	4.913	1.000	4	☺
★ MA377.25.4A4X152E-	1"	1.0000	0.060	1.250	4.625	0.960	7.000	4.913	1.000	4	☺
★ MA377.25.4A4X305E-	1"	1.0000	0.120	1.250	4.625	0.960	7.000	4.913	1.000	4	☺
★ MA377.25.4A4X635E-	1"	1.0000	0.250	1.250	4.625	0.960	7.000	4.913	1.000	4	☺

Ordering example for the grade WJ30EM: MA377.12.7A4D038D-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

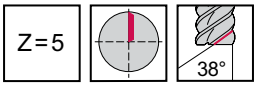
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

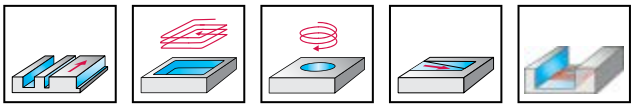
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

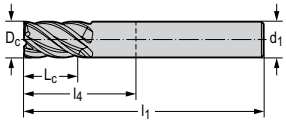


– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

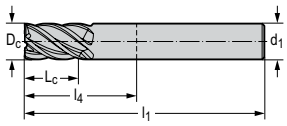
Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.3.18A5DK-	1/8"	0.1250	0.500	2.000	1.37	0.125	5		☺
★ MA377.3.18A5LX-	1/8"	0.1250	0.750	2.500	1.87	0.125	5		☺
★ MA377.3.18A5S-	1/8"	0.1250	0.250	1.500	0.87	0.125	5	☺	
★ MA377.4.76A5D-	3/16"	0.1875	0.312	2.000	1.134	0.1875	5	☺	
★ MA377.4.76A5LJ-	3/16"	0.1875	0.562	2.500	1.634	0.1875	5	☺	
★ MA377.4.76A5LK-	3/16"	0.1875	0.750	2.500	1.634	0.1875	5		☺
★ MA377.6.35A5D-	1/4"	0.2500	0.500	2.500	1.398	0.250	5	☺	
★ MA377.6.35A5DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	5	☺	
★ MA377.6.35A5LX-	1/4"	0.2500	1.250	3.000	1.898	0.250	5		☺
★ MA377.6.35A5S-	1/4"	0.2500	0.375	2.000	0.898	0.250	5	☺	
★ MA377.6.35A5X-	1/4"	0.2500	0.375	4.000	2.898	0.250	5	☺	
★ MA377.7.93A5D-	5/16"	0.3125	0.812	2.500	1.398	0.3125	5	☺	
★ MA377.7.93A5LJ-	5/16"	0.3125	1.000	3.000	1.898	0.3125	5	☺	
★ MA377.7.93A5S-	5/16"	0.3125	0.437	2.000	0.898	0.3125	5	☺	
★ MA377.7.93A5X-	5/16"	0.3125	0.437	4.000	2.898	0.3125	5	☺	
★ MA377.9.53A5DJ-	3/8"	0.3750	1.250	3.000	1.701	0.375	5		☺
★ MA377.9.53A5LK-	3/8"	0.3750	1.750	4.000	2.701	0.375	5		☺
★ MA377.9.53A5P-	3/8"	0.3750	0.500	6.000	4.701	0.375	5	☺	
★ MA377.9.53A5S-	3/8"	0.3750	1.000	2.500	1.398	0.375	5	☺	
★ MA377.9.53A5SS-	3/8"	0.3750	0.500	2.000	0.898	0.375	5	☺	
★ MA377.12.7A5A-	1/2"	0.5000	0.625	2.500	1.004	0.500	5	☺	
★ MA377.12.7A5DJ-	1/2"	0.5000	1.625	4.000	2.504	0.500	5		☺
★ MA377.12.7A5DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	5		☺
★ MA377.12.7A5P-	1/2"	0.5000	0.625	8.000	6.504	0.500	5	☺	
★ MA377.12.7A5S-	1/2"	0.5000	1.250	3.000	1.504	0.500	5	☺	
★ MA377.12.7A5SS-	1/2"	0.5000	1.000	3.000	1.504	0.500	5	☺	
★ MA377.12.7A5X-	1/2"	0.5000	0.625	6.000	4.504	0.500	5	☺	
★ MA377.15.9A5D-	5/8"	0.6250	1.625	3.500	1.807	0.625	5	☺	
★ MA377.15.9A5DS-	5/8"	0.6250	1.250	3.500	1.807	0.625	5	☺	
★ MA377.15.9A5LJ-	5/8"	0.6250	2.125	4.000	2.307	0.625	5		☺
★ MA377.15.9A5LK-	5/8"	0.6250	2.500	5.000	3.307	0.625	5		☺
★ MA377.15.9A5S-	5/8"	0.6250	0.750	3.000	1.307	0.625	5	☺	

Ordering example for the grade WJ30EM: MA377.12.7A5A-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.15.9A5X-	5/8"	0.6250	0.750	6.000	4.307	0.625	5	●●	
★ MA377.19.1A5A-	3/4"	0.7500	1.000	3.000	1.307	0.750	5	●●	
★ MA377.19.1A5DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	5	●●	
★ MA377.19.1A5DJ-	3/4"	0.7500	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5L-	3/4"	0.7500	1.000	6.000	4.307	0.750	5	●●	
★ MA377.19.1A5LK-	3/4"	0.7500	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5P-	3/4"	0.7500	1.000	9.000	7.307	0.750	5	●●	
★ MA377.19.1A5S-	3/4"	0.7500	1.625	4.000	2.307	0.750	5	●●	
★ MA377.19.1A5X-	3/4"	0.7500	1.000	7.000	5.307	0.750	5	●●	
★ MA377.25.4A5AC-	1"	1.0000	1.250	4.000	1.913	1.000	5	●●	
★ MA377.25.4A5DC-	1"	1.0000	2.625	5.000	2.913	1.000	5	●●	
★ MA377.25.4A5LC-	1"	1.0000	1.250	6.000	3.913	1.000	5	●●	
★ MA377.25.4A5LJ-	1"	1.0000	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5PC-	1"	1.0000	1.250	12.500	10.413	1.000	5	●●	
★ MA377.25.4A5SC-	1"	1.0000	2.000	4.500	2.413	1.000	5	●●	
★ MA377.25.4A5XC-	1"	1.0000	1.250	7.000	4.913	1.000	5	●●	
★ MA377.25.4A5XK-	1"	1.0000	4.250	7.000	4.913	1.000	5		●

Ordering example for the grade WJ30EM: MA377.12.7A5A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

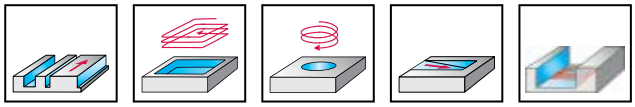
● ● ● / ★ = New addition to the product range

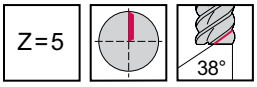
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

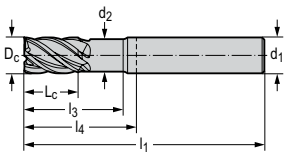


– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.3.18A5DD-	1/8"	0.1250	0.187	0.375	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5DE-	1/8"	0.1250	0.187	0.500	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5LG-	1/8"	0.1250	0.187	0.750	0.119	2.500	1.87	0.125	5	☺
★ MA377.4.76A5DC-	3/16"	0.1875	0.250	0.500	0.178	2.000	1.134	0.1875	5	☺
★ MA377.4.76A5LE-	3/16"	0.1875	0.250	0.750	0.178	2.500	1.634	0.1875	5	☺
★ MA377.4.76A5LG-	3/16"	0.1875	0.250	1.125	0.178	2.500	1.634	0.1875	5	☺
★ MA377.6.35A5XD-	1/4"	0.2500	0.375	0.750	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5XE-	1/4"	0.2500	0.375	1.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5XI-	1/4"	0.2500	0.375	2.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.7.93A5XD-	5/16"	0.3125	0.437	1.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.7.93A5XG-	5/16"	0.3125	0.437	2.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.9.53A5LD-	3/8"	0.3750	0.500	1.125	0.356	4.000	2.701	0.375	5	☺
★ MA377.9.53A5LF-	3/8"	0.3750	0.500	2.125	0.356	4.000	2.701	0.375	5	☺
★ MA377.9.53A5PI-	3/8"	0.3750	0.500	3.125	0.356	6.000	4.701	0.375	5	☺
★ MA377.9.53A5PX-	3/8"	0.3750	0.500	4.125	0.356	6.000	4.701	0.375	5	☺
★ MA377.12.7A5DD-	1/2"	0.5000	0.625	1.500	0.475	4.000	2.504	0.500	5	☺
★ MA377.12.7A5DE-	1/2"	0.5000	0.625	2.250	0.475	4.000	2.504	0.500	5	☺
★ MA377.12.7A5XG-	1/2"	0.5000	0.625	3.375	0.475	6.000	4.504	0.500	5	☺
★ MA377.12.7A5XI-	1/2"	0.5000	0.625	4.125	0.475	6.000	4.504	0.500	5	☺
★ MA377.15.9A5LC-	5/8"	0.6250	0.750	1.625	0.594	4.000	2.307	0.625	5	☺
★ MA377.15.9A5XD-	5/8"	0.6250	0.750	2.375	0.594	6.000	4.307	0.625	5	☺
★ MA377.15.9A5XF-	5/8"	0.6250	0.750	3.375	0.594	6.000	4.307	0.625	5	☺
★ MA377.15.9A5XG-	5/8"	0.6250	0.750	4.125	0.594	6.000	4.307	0.625	5	☺
★ MA377.19.1A5LD-	3/4"	0.7500	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5LE-	3/4"	0.7500	1.000	3.375	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5LF-	3/4"	0.7500	1.000	4.125	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5SC-	3/4"	0.7500	1.000	2.000	0.713	4.000	2.307	0.750	5	☺
★ MA377.19.1A5XG-	3/4"	0.7500	1.000	4.875	0.713	7.000	5.307	0.750	5	☺
★ MA377.25.4A5A-	1"	1.0000	1.250	2.250	0.960	4.000	2.287	1.000	5	☺
★ MA377.25.4A5L-	1"	1.0000	1.250	2.625	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5LD-	1"	1.0000	1.250	3.375	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5LE-	1"	1.0000	1.250	4.125	0.960	6.000	4.161	1.000	5	☺
★ MA377.25.4A5XE-	1"	1.0000	1.250	4.625	0.960	7.000	4.913	1.000	5	☺

Ordering example for the grade WJ30EM: MA377.12.7A5DD-WJ30EM

D1

WALTER SELECT

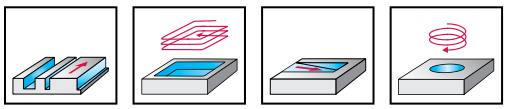
●● Primary application ● Other application

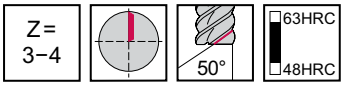
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC388 Advance inch

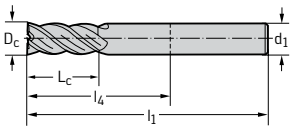






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

PWZ-NORM L



Cylindrical shank

Designation	d_c h10 inch	d_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L-	1/8"	0.1250	0.500	2.500	1.083	0.250	3	☻
MC388.6.35A4L-	1/4"	0.2500	0.750	2.500	1.083	0.250	4	☻
MC388.9.53A4L-	3/8"	0.3750	0.875	3.000	1.437	0.375	4	☻
MC388.12.7A4L-	1/2"	0.5000	1.000	3.500	1.717	0.500	4	☻

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388.12.7A4L-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

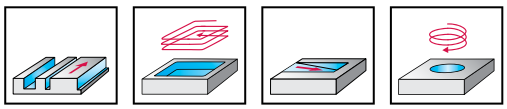
Best tool for → Good = ☻ → Average = 😐 → Poor = 😠 machining conditions

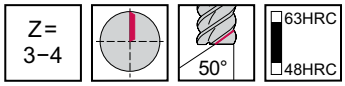
Solid carbide shoulder/slot milling cutter

MC388 Advance inch



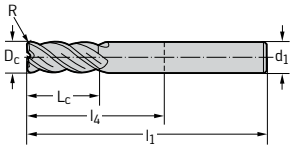
– corner radius





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

PWZ-NORM L



Cylindrical shank

Designation	d_c h10	d_c h10	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	3	☻
MC388.9.53A4L076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	4	☻
MC388.12.7A4L076-	1/2"	0.5000	0.030	1.000	3.500	1.717	0.500	4	☻

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388.12.7A4L076-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

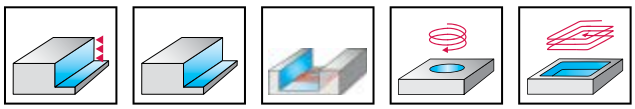
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

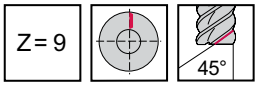
☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

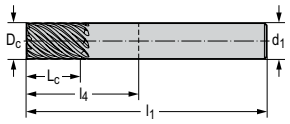
MA230 Advance inch







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.4.76A9DJ-	3/16"	0.1875	0.562	2.000	1.134	0.1875	9	
★ MA230.4.76A9S-	3/16"	0.1875	0.281	1.500	0.634	0.1875	9	
★ MA230.6.35A9S-	1/4"	0.2500	0.375	2.000	0.898	0.250	9	
★ MA230.9.53A9S-	3/8"	0.3750	1.000	2.500	1.201	0.375	9	
★ MA230.9.53A9SS-	3/8"	0.3750	0.500	2.000	0.701	0.375	9	
★ MA230.12.7A9A-	1/2"	0.5000	0.625	2.500	1.004	0.500	9	
★ MA230.12.7A9S000-	1/2"	0.5000	1.250	3.000	1.504	0.500	9	
★ MA230.15.9A9S-	5/8"	0.6250	0.750	3.000	1.307	0.625	9	
★ MA230.19.1A9A-	3/4"	0.7500	0.875	3.000	1.307	0.750	9	

Ordering example for the grade WJ30TF: MA230.12.7A9A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

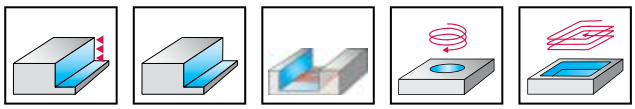
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MA230 Advance inch

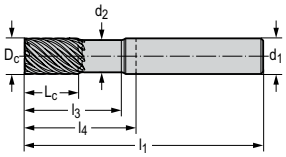


– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.6.35A9DE-	1/4"	0.2500	0.750	1.000	0.238	2.500	1.398	0.250	9	
★ MA230.12.7A9SC-	1/2"	0.5000	1.000	1.250	0.475	3.000	1.504	0.500	9	
★ MA230.15.9A9DC-	5/8"	0.6250	1.250	1.500	0.594	3.500	1.807	0.625	9	
★ MA230.19.1A9SC-	3/4"	0.7500	1.500	1.750	0.713	4.000	2.307	0.750	9	
★ MA230.25.4A9A-	1"	1.0000	1.500	1.750	0.960	4.000	1.913	1.000	9	

Ordering example for the grade WJ30TF: MA230.12.7A9SC-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

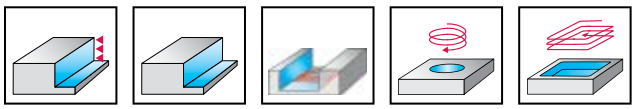
Best tool for → Good = → Average = → Poor = machining conditions

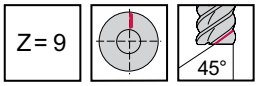
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

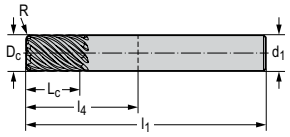


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.4.76A9D025J-	3/16"	0.1875	0.010	0.562	2.000	1.134	0.1875	9	
★ MA230.4.76A9S025-	3/16"	0.1875	0.010	0.281	1.500	0.634	0.1875	9	
★ MA230.6.35A9S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	9	
★ MA230.6.35A9X038-	1/4"	0.2500	0.015	0.375	4.000	2.898	0.250	9	
★ MA230.9.53A9S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	9	
★ MA230.9.53A9S038S-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	9	
★ MA230.12.7A9A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	9	
★ MA230.12.7A9S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	9	
★ MA230.12.7A9S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	9	
★ MA230.15.9A9S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	9	
★ MA230.19.1A9A076-	3/4"	0.7500	0.030	0.875	3.000	1.307	0.750	9	

Ordering example for the grade WJ30TF: MA230.12.7A9A038-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

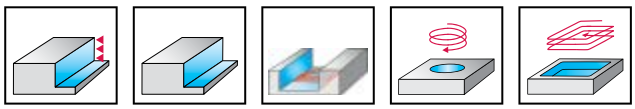
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MA230 Advance inch



– corner radius
– reduced neck



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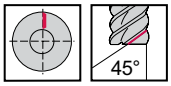
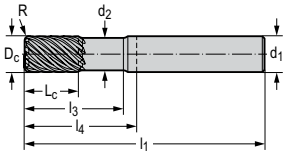


	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.6.35A9D038E-	1/4"	0.2500	0.015	0.750	1.000	0.238	2.500	1.398	0.250	9	
★ MA230.6.35A9X038I-	1/4"	0.2500	0.015	0.375	2.125	0.238	4.000	2.898	0.250	9	
★ MA230.9.53A9D038D-	3/8"	0.3750	0.015	0.500	1.125	0.356	3.000	1.701	0.375	9	
★ MA230.9.53A9L038F-	3/8"	0.3750	0.015	0.500	2.125	0.356	4.000	2.701	0.375	9	
★ MA230.12.7A9D038D-	1/2"	0.5000	0.015	0.625	1.500	0.475	4.000	2.504	0.500	9	
★ MA230.12.7A9D038E-	1/2"	0.5000	0.015	0.625	2.250	0.475	4.000	2.504	0.500	9	
★ MA230.12.7A9S038C-	1/2"	0.5000	0.015	1.000	1.250	0.475	3.000	1.504	0.500	9	
★ MA230.12.7A9S076C-	1/2"	0.5000	0.030	1.000	1.250	0.475	3.000	1.504	0.500	9	
★ MA230.15.9A9D076C-	5/8"	0.6250	0.030	1.250	1.500	0.594	3.500	1.807	0.625	9	
★ MA230.15.9A9L076C-	5/8"	0.6250	0.030	0.750	1.625	0.594	5.000	3.307	0.625	9	
★ MA230.19.1A9D076C-	3/4"	0.7500	0.030	0.875	2.000	0.713	5.000	3.307	0.750	9	
★ MA230.19.1A9S076C-	3/4"	0.7500	0.030	1.500	1.750	0.713	4.000	2.307	0.750	9	
★ MA230.25.4A9A076-	1"	1.0000	0.030	1.500	1.750	0.960	4.000	1.913	1.000	9	

Ordering example for the grade WJ30TF: MA230.12.7A9D038D-WJ30TF

D1

WALTER SELECT

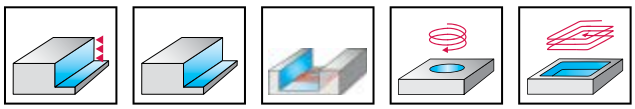
●● Primary application ● Other application

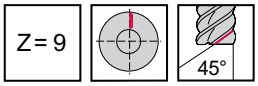
Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide shoulder/slot milling cutters

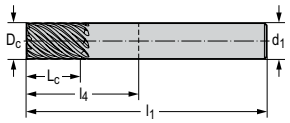
MA230 Advance mm







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		

Designation	d_c mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
 ★ MA230-04.0A9SJ-	4	12	51	29	4	9	☹

DIN 6535 HA

Ordering example for the grade WJ30TF: MA230-04.0A9SJ-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

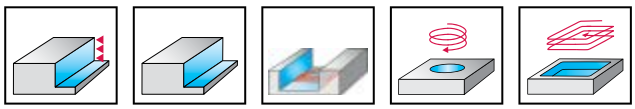
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MA230 Advance mm

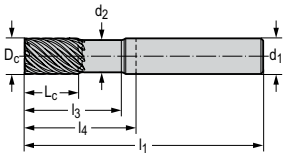


– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-06.0A9DE-	6	20	26	5.7	63	35	6	9	
★ MA230-08.0A9SD-	8	20	26	7.6	63	35	8	9	
★ MA230-10.0A9DD-	10	24	30	9.5	70	37	10	9	
★ MA230-12.0A9DC-	12	25	31	11.4	76	38	12	9	
★ MA230-14.0A9DC-	14	32	38	13.3	89	46	14	9	
★ MA230-16.0A9DC-	16	32	38	15.2	89	46	16	9	

Ordering example for the grade WJ30TF: MA230-06.0A9DE-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

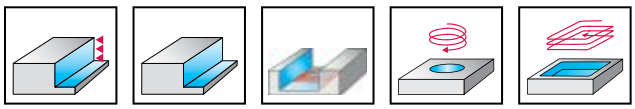
★ = New addition to the product range

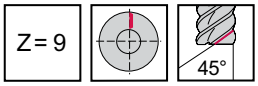
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

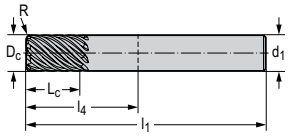


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-04.0A9S025J-	4	0.25	12	51	29	4	9	☹
★ MA230-06.0A9X050J-	6	0.5	20	100	72	6	9	☹
★ MA230-08.0A9L050-	8	0.5	20	100	72	8	9	☹
★ MA230-10.0A9L050-	10	0.5	24	100	67	10	9	☹
★ MA230-12.0A9L050C-	12	0.5	25	100	62	12	9	☹
★ MA230-16.0A9L050-	16	0.5	32	100	57	16	9	☹

Ordering example for the grade WJ30TF: MA230-04.0A9S025J-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

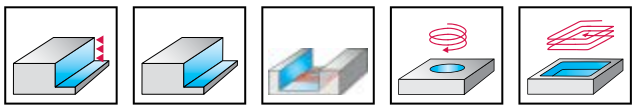
New addition to the product range = ☺ ☹ ☠ / ★

Solid carbide shoulder/slot milling cutters

MA230 Advance mm

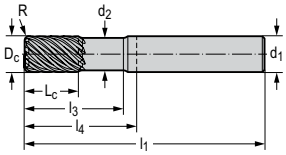


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-06.0A9D050E-	6	0.5	20	26	5.7	63	35	6	9	☻
★ MA230-08.0A9S050D-	8	0.5	20	26	7.6	63	35	8	9	☻
★ MA230-08.0A9S100D-	8	1	20	26	7.6	63	35	8	9	☻
★ MA230-10.0A9D050D-	10	0.5	24	30	9.5	70	37	10	9	☻
★ MA230-10.0A9D100D-	10	1	24	30	9.5	70	37	10	9	☻
★ MA230-12.0A9D050C-	12	0.5	25	31	11.4	76	38	12	9	☻
★ MA230-12.0A9D100C-	12	1	25	31	11.4	76	38	12	9	☻
★ MA230-12.0A9D200C-	12	2	25	31	11.4	76	38	12	9	☻
★ MA230-14.0A9D050C-	14	0.5	32	38	13.3	89	46	14	9	☻
★ MA230-14.0A9D100C-	14	1	32	38	13.3	89	46	14	9	☻
★ MA230-16.0A9D050C-	16	0.5	32	38	15.2	89	46	16	9	☻
★ MA230-16.0A9D100C-	16	1	32	38	15.2	89	46	16	9	☻
★ MA230-16.0A9D200C-	16	2	32	38	15.2	89	46	16	9	☻

Ordering example for the grade WJ30TF: MA230-06.0A9D050E-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

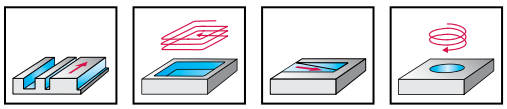
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

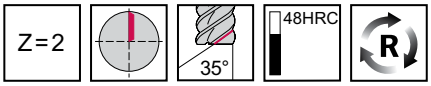
☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC232 Perform inch



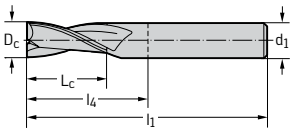




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

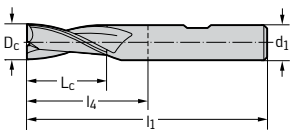
STANDARD

Designation	d_c h12	d_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.3.18A2D-	1/8"	0.1250	0.500	2.500	1.083	0.250	2	
MC232.6.35A2D-	1/4"	0.2500	0.750	2.500	1.083	0.250	2	



Cylindrical shank

Designation	d_c h12	d_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.9.53W2D-	3/8"	0.3750	0.875	3.000	1.437	0.375	2	
MC232.12.7W2D-	1/2"	0.5000	1.000	3.500	1.717	0.500	2	
MC232.15.9W2D-	5/8"	0.6250	1.250	3.500	1.594	0.625	2	
MC232.19.1W2D-	3/4"	0.7500	1.500	4.000	1.969	0.750	2	



DIN 6535 HB

Ordering example for the grade WJ30ED: MC232.3.18A2D-WJ30ED
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$

D1

WALTER SELECT

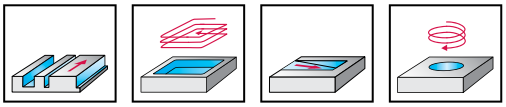
●● Primary application ● Other application

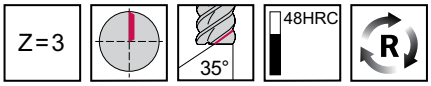
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

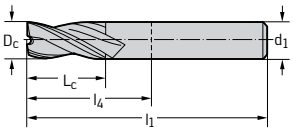
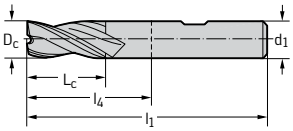
MC232 Perform inch





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

STANDARD

Designation	d_c h12	d_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
 Cylindrical shank								
MC232.3.18A3D-	1/8"	0.1250	0.500	2.500	1.083	0.250	3	☺
MC232.6.35A3D-	1/4"	0.2500	0.750	2.500	1.083	0.250	3	☺
 DIN 6535 HB								
MC232.9.53W3D-	3/8"	0.3750	0.875	3.000	1.437	0.375	3	☺
MC232.12.7W3D-	1/2"	0.5000	1.000	3.500	1.717	0.500	3	☺
MC232.15.9W3D-	5/8"	0.6250	1.250	3.500	1.594	0.625	3	☺
MC232.19.1W3D-	3/4"	0.7500	1.500	4.000	1.969	0.750	3	☺

Ordering example for the grade WJ30ED: MC232.3.18A3D-WJ30ED
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$

D1

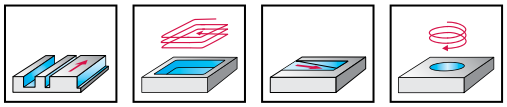
WALTER SELECT

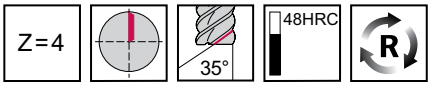
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

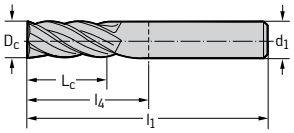
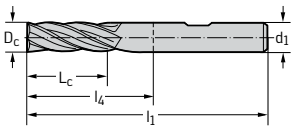
MC232 Perform inch





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

STANDARD

Designation	d_c h12	d_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
								
MC232.3.18A4D-	1/8"	0.1250	0.500	2.500	1.083	0.250	4	
MC232.6.35A4D-	1/4"	0.2500	0.750	2.500	1.083	0.250	4	
Cylindrical shank								
								
MC232.9.53W4D-	3/8"	0.3750	0.875	3.000	1.437	0.375	4	
MC232.12.7W4D-	1/2"	0.5000	1.000	3.500	1.717	0.500	4	
MC232.15.9W4D-	5/8"	0.6250	1.250	3.500	1.594	0.625	4	
MC232.19.1W4D-	3/4"	0.7500	1.500	4.000	1.969	0.750	4	
DIN 6535 HB								

Ordering example for the grade WJ30ED: MC232.3.18A4D-WJ30ED
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

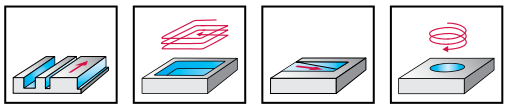
New addition to the product range = ☺ 😐 ☹ / ★

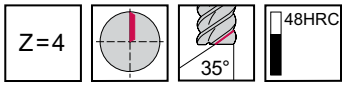
Solid carbide shoulder/slot milling cutters

MC232 Perform inch



– corner radius
– reduced neck

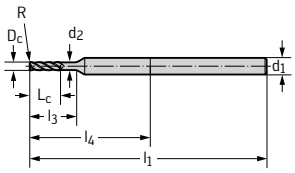




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

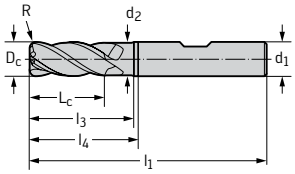
STANDARD

Designation	d_c h12	d_c h12	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.3.18A4D038C-	1/8"	0.1250	0.015	0.500	0.625	0.119	2.500	1.083	0.250	4	
MC232.6.35A4D038C-	1/4"	0.2500	0.015	0.750	1.000	0.237	2.500	1.083	0.250	4	
MC232.6.35A4D076C-	1/4"	0.2500	0.030	0.750	1.000	0.237	2.500	1.083	0.250	4	



Cylindrical shank

Designation	d_c h12	d_c h12	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.9.53W4D038C-	3/8"	0.3750	0.015	0.875	1.125	0.356	3.000	1.437	0.375	4	
MC232.9.53W4D076C-	3/8"	0.3750	0.030	0.875	1.125	0.356	3.000	1.437	0.375	4	
MC232.12.7W4D038C-	1/2"	0.5000	0.015	1.000	1.500	0.475	3.500	1.717	0.500	4	
MC232.12.7W4D076C-	1/2"	0.5000	0.030	1.000	1.500	0.475	3.500	1.717	0.500	4	
MC232.12.7W4D152C-	1/2"	0.5000	0.060	1.000	1.500	0.475	3.500	1.717	0.500	4	
MC232.12.7W4D318C-	1/2"	0.5000	0.125	1.000	1.500	0.475	3.500	1.717	0.500	4	
MC232.15.9W4D318C-	5/8"	0.6250	0.125	1.250	1.563	0.594	3.500	1.594	0.625	4	
MC232.19.1W4D076C-	3/4"	0.7500	0.030	1.500	1.875	0.713	4.000	1.969	0.750	4	
MC232.19.1W4D318C-	3/4"	0.7500	0.125	1.500	1.875	0.713	4.000	1.969	0.750	4	



DIN 6535 HB

Ordering example for the grade WJ30ED: MC232.3.18A4D038C-WJ30ED
Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

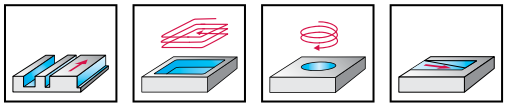
☺ 😐 ☹ / ★ = New addition to the product range

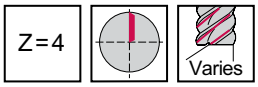
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

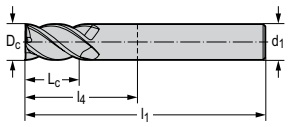


– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.3.18A4DK-	1/8"	0.1250	0.500	2.000	1.37	0.125	4		😐
★ MA377.3.18A4LX-	1/8"	0.1250	0.750	2.500	1.87	0.125	4		😐
★ MA377.3.18A4S-	1/8"	0.1250	0.250	1.500	0.87	0.125	4	😐	
★ MA377.4.76A4D-	3/16"	0.1875	0.312	2.000	1.134	0.1875	4	😐	
★ MA377.4.76A4LJ-	3/16"	0.1875	0.562	2.500	1.634	0.1875	4	😐	
★ MA377.4.76A4LK-	3/16"	0.1875	0.750	2.500	1.634	0.1875	4		😐
★ MA377.6.35A4D-	1/4"	0.2500	0.500	2.500	1.398	0.250	4	😐	
★ MA377.6.35A4DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	4	😐	
★ MA377.6.35A4LX-	1/4"	0.2500	1.250	3.000	1.898	0.250	4		😐
★ MA377.6.35A4S-	1/4"	0.2500	0.375	2.000	0.898	0.250	4	😐	
★ MA377.6.35A4X-	1/4"	0.2500	0.375	4.000	2.898	0.250	4	😐	
★ MA377.7.93A4D-	5/16"	0.3125	0.812	2.500	1.398	0.3125	4	😐	
★ MA377.7.93A4LJ-	5/16"	0.3125	1.000	3.000	1.898	0.3125	4	😐	
★ MA377.7.93A4S-	5/16"	0.3125	0.437	2.000	0.898	0.3125	4	😐	
★ MA377.7.93A4X-	5/16"	0.3125	0.437	4.000	2.898	0.3125	4	😐	
★ MA377.9.53A4DJ-	3/8"	0.3750	1.250	3.000	1.701	0.375	4		😐
★ MA377.9.53A4LK-	3/8"	0.3750	1.750	4.000	2.701	0.375	4		😐
★ MA377.9.53A4P-	3/8"	0.3750	0.500	6.000	4.701	0.375	4	😐	
★ MA377.9.53A4S-	3/8"	0.3750	1.000	2.500	1.201	0.375	4	😐	
★ MA377.9.53A4SS-	3/8"	0.3750	0.500	2.000	0.701	0.375	4	😐	
★ MA377.12.7A4A-	1/2"	0.5000	0.625	2.500	1.004	0.500	4	😐	
★ MA377.12.7A4DJ-	1/2"	0.5000	1.625	4.000	2.504	0.500	4		😐
★ MA377.12.7A4DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	4		😐
★ MA377.12.7A4P-	1/2"	0.5000	0.625	8.000	6.504	0.500	4	😐	
★ MA377.12.7A4S-	1/2"	0.5000	1.250	3.000	1.504	0.500	4	😐	
★ MA377.12.7A4SS-	1/2"	0.5000	1.000	3.000	1.504	0.500	4	😐	
★ MA377.12.7A4X-	1/2"	0.5000	0.625	6.000	4.504	0.500	4	😐	
★ MA377.15.9A4D-	5/8"	0.6250	1.625	3.500	1.807	0.625	4	😐	
★ MA377.15.9A4DS-	5/8"	0.6250	1.250	3.500	1.807	0.625	4	😐	
★ MA377.15.9A4LJ-	5/8"	0.6250	2.125	4.000	2.307	0.625	4		😐
★ MA377.15.9A4LK-	5/8"	0.6250	2.500	5.000	3.307	0.625	4		😐
★ MA377.15.9A4S-	5/8"	0.6250	0.750	3.000	1.307	0.625	4	😐	

Ordering example for the grade WJ30EM: MA377.12.7A4A-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = 😊 ➔ Average = 😐 ➔ Poor = 😵 machining conditions

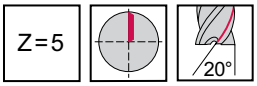
D1

New addition to the product range = 😊 😐 😵 / ★

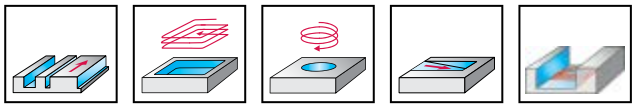
Solid carbide shoulder/slot milling cutters

MA320 Advance inch



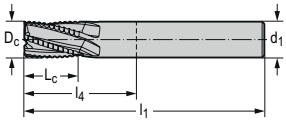


– roughing profile - medium



	P	M	K	N	S	H	O
WJ30TF (AlTiN)	●●	●	●		●		
WJ30UU (uncoated)	●●	●	●		●		

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF	WJ30UU
★ MA320.25.4A5AC-	1"	1.0000	1.500	4.000	1.913	1.000	5	☹	☹
★ MA320.25.4A5DC-	1"	1.0000	2.250	5.000	2.913	1.000	5	☹	☹



Cylindrical shank

Ordering example for the grade WJ30TF: MA320.25.4A5AC-WJ30TF

D1

WALTER SELECT

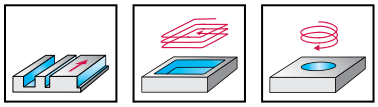
●● Primary application ● Other application

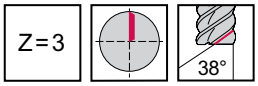
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

Solid carbide shoulder/slot milling cutters

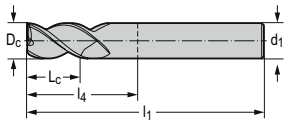
MA230 Advance inch







	P	M	K	N	S	H	O
WJ30EN (AlCrSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA230.0.78A3DJ-		0.0310	0.093	1.500	0.87	0.125	3	
★ MA230.1.19A3SJ-		0.0470	0.141	1.500	0.87	0.125	3	
★ MA230.1.57A3SJ-		0.0620	0.186	1.500	0.87	0.125	3	
★ MA230.1.98A3SJ-		0.0780	0.234	1.500	0.87	0.125	3	
★ MA230.2.36A3SJ-		0.0930	0.279	1.500	0.87	0.125	3	
★ MA230.2.38A3D-	3/32"	0.0938	0.188	2.500	1.398	0.250	3	
★ MA230.2.38A3DK-	3/32"	0.0938	0.375	2.500	1.398	0.250	3	
★ MA230.3.18A3L-	1/8"	0.1250	0.250	2.500	1.004	0.250	3	
★ MA230.3.18A3LK-	1/8"	0.1250	0.500	2.500	1.004	0.250	3	
★ MA230.4.76A3L-	3/16"	0.1875	0.375	2.500	1.398	0.250	3	
★ MA230.4.76A3LJ-	3/16"	0.1875	0.625	2.500	1.398	0.250	3	
★ MA230.6.35A3D-	1/4"	0.2500	0.500	2.500	1.398	0.250	3	
★ MA230.6.35A3DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	3	

Ordering example for the grade WJ30EN: MA230.0.78A3DJ-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

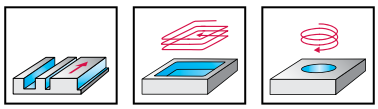
☺ 😐 ☹ / ★ = New addition to the product range

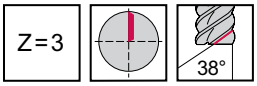
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

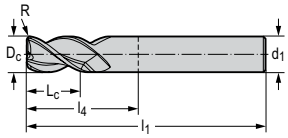


– corner radius





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA230.0.78A3D013-		0.0310	0.005	0.046	1.500	0.87	0.125	3	
★ MA230.0.78A3D013J-		0.0310	0.005	0.093	1.500	0.87	0.125	3	
★ MA230.0.78A3L013X-		0.0310	0.005	0.156	2.500	1.87	0.125	3	
★ MA230.1.19A3D013X-		0.0470	0.005	0.250	2.500	1.87	0.125	3	
★ MA230.1.19A3S013-		0.0470	0.005	0.070	1.500	0.87	0.125	3	
★ MA230.1.19A3S013J-		0.0470	0.005	0.141	1.500	0.87	0.125	3	
★ MA230.1.40A3S013-		0.0550	0.005	0.083	1.500	0.87	0.125	3	
★ MA230.1.40A3S013J-		0.0550	0.005	0.165	1.500	0.87	0.125	3	
★ MA230.1.40A3S013X-		0.0550	0.005	0.275	1.500	0.87	0.125	3	
★ MA230.1.57A3D025X-		0.0620	0.010	0.312	2.500	1.87	0.125	3	
★ MA230.1.57A3S025-		0.0620	0.010	0.093	1.500	0.87	0.125	3	
★ MA230.1.57A3S025J-		0.0620	0.010	0.186	1.500	0.87	0.125	3	
★ MA230.1.98A3S025-		0.0780	0.010	0.177	1.500	0.87	0.125	3	
★ MA230.1.98A3S025J-		0.0780	0.010	0.234	1.500	0.87	0.125	3	
★ MA230.2.36A3D025X-		0.0930	0.010	0.500	2.500	1.87	0.125	3	
★ MA230.2.36A3S025-		0.0930	0.010	0.140	1.500	0.87	0.125	3	
★ MA230.2.36A3S025J-		0.0930	0.010	0.279	1.500	0.87	0.125	3	
★ MA230.2.38A3D025-	3/32"	0.0938	0.010	0.188	2.500	1.398	0.250	3	
★ MA230.2.38A3D025K-	3/32"	0.0938	0.010	0.375	2.500	1.398	0.250	3	
★ MA230.3.18A3L025K-	1/8"	0.1250	0.010	0.500	2.500	1.004	0.250	3	
★ MA230.3.18A3L038-	1/8"	0.1250	0.015	0.250	2.500	1.004	0.250	3	
★ MA230.4.76A3L038-	3/16"	0.1875	0.015	0.375	2.500	1.398	0.250	3	
★ MA230.4.76A3L038J-	3/16"	0.1875	0.015	0.625	2.500	1.398	0.250	3	
★ MA230.6.35A3D038-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	3	
★ MA230.6.35A3D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	3	

Ordering example for the grade WJ30EN: MA230.0.78A3D013-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

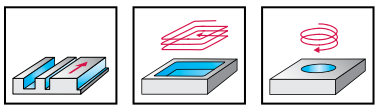
Best tool for → Good = → Average = → Poor = machining conditions

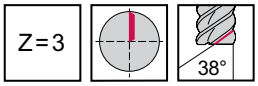
Solid carbide shoulder/slot milling cutters

MA230 Advance inch



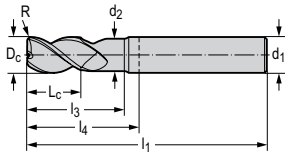
– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN)	●●	●	●		●		

P-NORM L



Cylindrical shank

Designation	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA230.0.78A3L013F-	0.0310	0.005	0.046	0.156	0.030	2.500	1.87	0.125	3	
★ MA230.0.78A3L013I-	0.0310	0.005	0.046	0.250	0.030	2.500	1.87	0.125	3	
★ MA230.1.19A3D013F-	0.0470	0.005	0.070	0.250	0.045	2.500	1.87	0.125	3	
★ MA230.1.19A3D013H-	0.0470	0.005	0.070	0.375	0.045	2.500	1.87	0.125	3	
★ MA230.1.57A3D025F-	0.0620	0.010	0.093	0.312	0.06	2.500	1.87	0.125	3	
★ MA230.1.57A3D025I-	0.0620	0.010	0.093	0.500	0.06	2.500	1.87	0.125	3	
★ MA230.2.36A3D025H-	0.0930	0.010	0.140	0.500	0.091	2.500	1.87	0.125	3	
★ MA230.2.36A3D025I-	0.0930	0.010	0.140	0.750	0.091	2.500	1.87	0.125	3	

Ordering example for the grade WJ30EN: MA230.0.78A3L013F-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

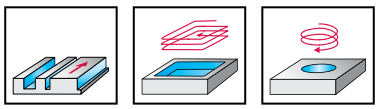
☺ 😐 ☹ / ★ = New addition to the product range

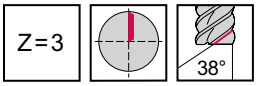
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

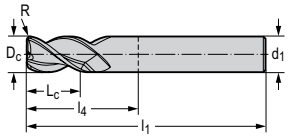


– corner radius





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30EN
★ MA230-01.0A3D010-	1	0.1	1.5	50	28	4	3	
★ MA230-01.0A3D010J-	1	0.1	3	50	28	4	3	
★ MA230-01.5A3D020-	1.5	0.2	2.2	50	28	4	3	
★ MA230-01.5A3D020J-	1.5	0.2	4.5	50	28	4	3	
★ MA230-02.0A3D020-	2	0.2	3	50	28	4	3	
★ MA230-02.0A3D020J-	2	0.2	6	50	28	4	3	
★ MA230-03.0A3D020-	3	0.2	4.5	50	28	4	3	
★ MA230-03.0A3D020J-	3	0.2	9	50	28	4	3	

Ordering example for the grade WJ30EN: MA230-01.0A3D010-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

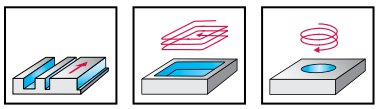
Best tool for → Good = → Average = → Poor = machining conditions

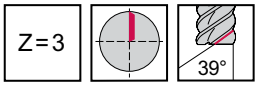
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

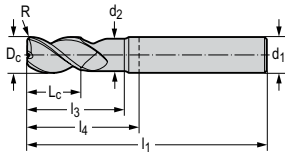


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30EN
★ MA230-01.0A3D010F-	1	0.1	1.5	5	1	50	28	4	3	☺
★ MA230-01.0A3D010I-	1	0.1	1.5	8	1	50	28	4	3	☺
★ MA230-01.5A3D020F-	1.5	0.2	2.2	7.5	1.5	50	28	4	3	☺
★ MA230-01.5A3D020I-	1.5	0.2	2.2	12	1.5	50	28	4	3	☺
★ MA230-02.0A3D020F-	2	0.2	3	10	2	50	28	4	3	☺
★ MA230-02.0A3D020I-	2	0.2	3	16	2	50	28	4	3	☺
★ MA230-03.0A3D020F-	3	0.2	4.5	15	3	50	28	4	3	☺

Ordering example for the grade WJ30EN: MA230-01.0A3D010F-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

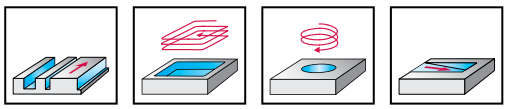
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

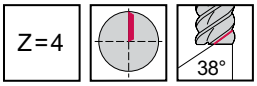
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

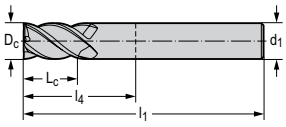
MA230 Advance inch







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.1.58A4S-	1/16"	0.0625	0.125	1.500	0.87	0.125	4	☺
★ MA230.2.38A4S-	3/32"	0.0937	0.187	1.500	0.87	0.125	4	☺
★ MA230.3.18A4S-	1/8"	0.1250	0.250	1.500	0.87	0.125	4	☺
★ MA230.3.18A4SK-	1/8"	0.1250	0.500	1.500	0.87	0.125	4	☺
★ MA230.4.76A4DJ-	3/16"	0.1875	0.625	2.000	1.134	0.1875	4	☺
★ MA230.4.76A4S-	3/16"	0.1875	0.250	1.500	0.634	0.1875	4	☺
★ MA230.6.35A4DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	4	☺
★ MA230.6.35A4LK-	1/4"	0.2500	1.125	3.000	1.898	0.250	4	☺
★ MA230.6.35A4SS-	1/4"	0.2500	0.375	2.000	0.898	0.250	4	☺
★ MA230.7.93A4D-	5/16"	0.3125	0.812	2.500	1.398	0.3125	4	☺
★ MA230.7.93A4LJ-	5/16"	0.3125	1.125	3.000	1.898	0.3125	4	☺
★ MA230.7.93A4S-	5/16"	0.3125	0.500	2.000	0.898	0.3125	4	☺
★ MA230.9.53A4DJ-	3/8"	0.3750	1.125	3.000	1.701	0.375	4	☺
★ MA230.9.53A4S-	3/8"	0.3750	1.000	2.500	1.201	0.375	4	☺
★ MA230.9.53A4SS-	3/8"	0.3750	0.500	2.000	0.701	0.375	4	☺
★ MA230.12.7A4AS-	1/2"	0.5000	0.625	2.500	1.004	0.500	4	☺
★ MA230.12.7A4DJ-	1/2"	0.5000	1.500	4.000	2.504	0.500	4	☺
★ MA230.12.7A4DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	4	☺
★ MA230.12.7A4S-	1/2"	0.5000	1.250	3.000	1.504	0.500	4	☺
★ MA230.12.7A4SS-	1/2"	0.5000	1.000	3.000	1.504	0.500	4	☺
★ MA230.15.9A4D-	5/8"	0.6250	1.250	3.500	1.807	0.625	4	☺
★ MA230.15.9A4LJ-	5/8"	0.6250	2.250	5.000	3.307	0.625	4	☺
★ MA230.15.9A4S-	5/8"	0.6250	0.750	3.000	1.307	0.625	4	☺
★ MA230.19.1A4AS-	3/4"	0.7500	0.875	3.000	1.307	0.750	4	☺
★ MA230.19.1A4DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	4	☺
★ MA230.19.1A4LK-	3/4"	0.7500	3.000	6.000	4.307	0.750	4	☺
★ MA230.19.1A4S-	3/4"	0.7500	1.500	4.000	2.307	0.750	4	☺
★ MA230.25.4A4AC-	1"	1.0000	1.500	4.000	1.913	1.000	4	☺
★ MA230.25.4A4DC-	1"	1.0000	2.250	5.000	2.913	1.000	4	☺

Ordering example for the grade WJ30TF: MA230.1.58A4S-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

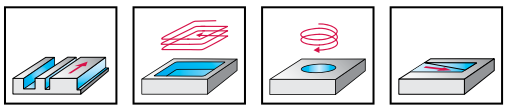
New addition to the product range = ☺ 😐 ☹ / ★

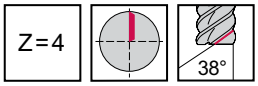
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

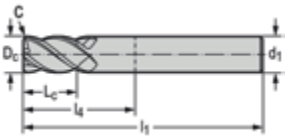


– corner chamfer





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	C inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A4SSC-	1/8"	0.1250	0.011	0.500	1.500	0.87	0.125	4	☹
★ MA230.4.76A4DDC-	3/16"	0.1875	0.011	0.625	2.000	1.134	0.1875	4	☹
★ MA230.6.35A4DDC-	1/4"	0.2500	0.011	0.750	2.500	1.398	0.250	4	☹
★ MA230.6.35A4SSC-	1/4"	0.2500	0.011	0.500	2.000	0.898	0.250	4	☹
★ MA230.7.93A4DDC-	5/16"	0.3125	0.011	0.812	2.500	1.398	0.3125	4	☹
★ MA230.9.53A4ASC-	3/8"	0.3750	0.011	0.625	2.000	0.701	0.375	4	☹
★ MA230.9.53A4SSC-	3/8"	0.3750	0.011	1.000	2.500	1.201	0.375	4	☹
★ MA230.12.7A4AAC-	1/2"	0.5000	0.011	0.625	2.500	1.004	0.500	4	☹
★ MA230.12.7A4DDC-	1/2"	0.5000	0.011	1.500	4.000	2.504	0.500	4	☹
★ MA230.12.7A4SC-	1/2"	0.5000	0.011	1.250	3.000	1.504	0.500	4	☹
★ MA230.12.7A4SSC-	1/2"	0.5000	0.011	1.000	3.000	1.504	0.500	4	☹
★ MA230.15.9A4SSC-	5/8"	0.6250	0.011	0.750	3.000	1.307	0.625	4	☹
★ MA230.19.1A4AAC-	3/4"	0.7500	0.022	0.875	3.000	1.307	0.750	4	☹
★ MA230.19.1A4SSC-	3/4"	0.7500	0.022	1.500	4.000	2.307	0.750	4	☹

Ordering example for the grade WJ30TF: MA230.1.58A4S-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

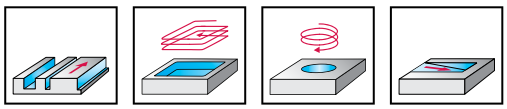
☺ ☹ ☠ / ★ = New addition to the product range

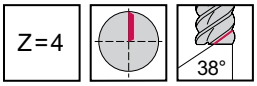
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

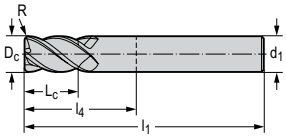


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.2.38A4S025-	3/32"	0.0937	0.010	0.187	1.500	0.87	0.125	4	☺
★ MA230.3.18A4D038-	1/8"	0.1250	0.015	0.187	2.000	1.37	0.125	4	☺
★ MA230.3.18A4S038-	1/8"	0.1250	0.015	0.250	1.500	0.87	0.125	4	☺
★ MA230.3.18A4S038K-	1/8"	0.1250	0.015	0.500	1.500	0.87	0.125	4	☺
★ MA230.4.76A4D038J-	3/16"	0.1875	0.015	0.625	2.000	1.134	0.1875	4	☺
★ MA230.4.76A4S038-	3/16"	0.1875	0.015	0.250	1.500	0.634	0.1875	4	☺
★ MA230.4.76A4X038-	3/16"	0.1875	0.015	0.250	3.000	2.134	0.1875	4	☺
★ MA230.6.35A4D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	4	☺
★ MA230.6.35A4L038K-	1/4"	0.2500	0.015	1.125	3.000	1.898	0.250	4	☺
★ MA230.6.35A4S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	4	☺
★ MA230.6.35A4X038-	1/4"	0.2500	0.015	0.375	4.000	2.898	0.250	4	☺
★ MA230.6.35A4D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	4	☺
★ MA230.6.35A4L076K-	1/4"	0.2500	0.030	1.125	3.000	1.898	0.250	4	☺
★ MA230.6.35A4S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	4	☺
★ MA230.6.35A4X076-	1/4"	0.2500	0.030	0.375	4.000	2.898	0.250	4	☺
★ MA230.7.93A4D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	4	☺
★ MA230.7.93A4L038J-	5/16"	0.3125	0.015	1.125	3.000	1.898	0.3125	4	☺
★ MA230.7.93A4S038-	5/16"	0.3125	0.015	0.500	2.000	0.898	0.3125	4	☺
★ MA230.7.93A4D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	4	☺
★ MA230.7.93A4L076J-	5/16"	0.3125	0.030	1.125	3.000	1.898	0.3125	4	☺
★ MA230.7.93A4S076-	5/16"	0.3125	0.030	0.500	2.000	0.898	0.3125	4	☺
★ MA230.9.53A4D038J-	3/8"	0.3750	0.015	1.125	3.000	1.701	0.375	4	☺
★ MA230.9.53A4P038-	3/8"	0.3750	0.015	0.500	6.000	4.701	0.375	4	☺
★ MA230.9.53A4S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	4	☺
★ MA230.9.53A4S038S-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	4	☺
★ MA230.9.53A4D076J-	3/8"	0.3750	0.030	1.125	3.000	1.701	0.375	4	☺
★ MA230.9.53A4P076-	3/8"	0.3750	0.030	0.500	6.000	4.701	0.375	4	☺
★ MA230.9.53A4S076-	3/8"	0.3750	0.030	1.000	2.500	1.201	0.375	4	☺
★ MA230.9.53A4S076S-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	4	☺
★ MA230.9.53A4D038-	7/16"	0.4375	0.015	1.000	2.750	1.648	0.4375	4	☺
★ MA230.9.53A4D076-	7/16"	0.4375	0.030	1.000	2.750	1.648	0.4375	4	☺
★ MA230.12.7A4A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	4	☺
★ MA230.12.7A4D038K-	1/2"	0.5000	0.015	2.000	4.000	2.504	0.500	4	☺
★ MA230.12.7A4S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	4	☺
★ MA230.12.7A4S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	4	☺
★ MA230.12.7A4X038-	1/2"	0.5000	0.015	0.625	6.000	4.504	0.500	4	☺

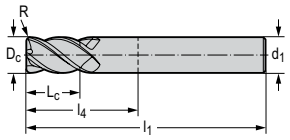
Ordering example for the grade WJ30TF: MA230.12.7A4A038-WJ30TF

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.12.7A4A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	4	●●
★ MA230.12.7A4D076J-	1/2"	0.5000	0.030	1.500	4.000	2.504	0.500	4	●●
★ MA230.12.7A4D076K-	1/2"	0.5000	0.030	2.000	4.000	2.504	0.500	4	●●
★ MA230.12.7A4S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	4	●●
★ MA230.12.7A4S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	4	●●
★ MA230.12.7A4X076-	1/2"	0.5000	0.030	0.625	6.000	4.504	0.500	4	●●
★ MA230.12.7A4A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	4	●●
★ MA230.12.7A4D152J-	1/2"	0.5000	0.060	1.500	4.000	2.504	0.500	4	●●
★ MA230.12.7A4D152K-	1/2"	0.5000	0.060	2.000	4.000	2.504	0.500	4	●●
★ MA230.12.7A4S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	4	●●
★ MA230.12.7A4S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	4	●●
★ MA230.12.7A4X152-	1/2"	0.5000	0.060	0.625	6.000	4.504	0.500	4	●●
★ MA230.12.7A4S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	4	●●
★ MA230.15.9A4D076-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	4	●●
★ MA230.15.9A4L076J-	5/8"	0.6250	0.030	2.250	5.000	3.307	0.625	4	●●
★ MA230.15.9A4S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	4	●●
★ MA230.15.9A4X076X-	5/8"	0.6250	0.030	3.250	6.000	4.307	0.625	4	●●
★ MA230.15.9A4D152-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	4	●●
★ MA230.15.9A4L152J-	5/8"	0.6250	0.060	2.250	5.000	3.307	0.625	4	●●
★ MA230.15.9A4S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	4	●●
★ MA230.15.9A4X152X-	5/8"	0.6250	0.060	3.250	6.000	4.307	0.625	4	●●
★ MA230.19.1A4A076-	3/4"	0.7500	0.030	0.875	3.000	1.307	0.750	4	●●
★ MA230.19.1A4D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	4	●●
★ MA230.19.1A4L076K-	3/4"	0.7500	0.030	3.000	6.000	4.307	0.750	4	●●
★ MA230.19.1A4S076-	3/4"	0.7500	0.030	1.500	4.000	2.307	0.750	4	●●
★ MA230.19.1A4A152-	3/4"	0.7500	0.060	0.875	3.000	1.307	0.750	4	●●
★ MA230.19.1A4D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	4	●●
★ MA230.19.1A4L152K-	3/4"	0.7500	0.060	3.000	6.000	4.307	0.750	4	●●
★ MA230.19.1A4S152-	3/4"	0.7500	0.060	1.500	4.000	2.307	0.750	4	●●
★ MA230.19.1A4A305-	3/4"	0.7500	0.120	0.875	3.000	1.307	0.750	4	●●
★ MA230.19.1A4D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	4	●●
★ MA230.19.1A4L305K-	3/4"	0.7500	0.120	3.000	6.000	4.307	0.750	4	●●
★ MA230.19.1A4S305-	3/4"	0.7500	0.120	1.500	4.000	2.307	0.750	4	●●
★ MA230.25.4A4A076C-	1"	1.0000	0.030	1.500	4.000	1.913	1.000	4	●●
★ MA230.25.4A4D076C-	1"	1.0000	0.030	2.250	5.000	2.913	1.000	4	●●
★ MA230.25.4A4L076J-	1"	1.0000	0.030	3.000	6.000	3.913	1.000	4	●●
★ MA230.25.4A4A152C-	1"	1.0000	0.060	1.500	4.000	1.913	1.000	4	●●
★ MA230.25.4A4D152C-	1"	1.0000	0.060	2.250	5.000	2.913	1.000	4	●●
★ MA230.25.4A4L152J-	1"	1.0000	0.060	3.000	6.000	3.913	1.000	4	●●
★ MA230.25.4A4D305C-	1"	1.0000	0.120	2.250	5.000	2.913	1.000	4	●●

Ordering example for the grade WJ30TF: MA230.12.7A4A038-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

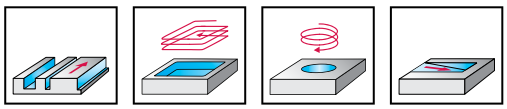
☺ 😐 ☹ / ★ = New addition to the product range

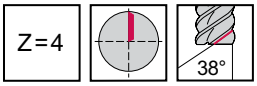
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

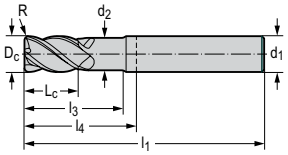


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A4D038H-	1/8"	0.1250	0.015	0.187	0.875	0.119	2.000	1.37	0.125	4	
★ MA230.4.76A4X038E-	3/16"	0.1875	0.015	0.250	0.750	0.178	3.000	2.134	0.1875	4	
★ MA230.6.35A4L038D-	1/4"	0.2500	0.015	0.375	0.750	0.238	3.000	1.898	0.250	4	
★ MA230.6.35A4L038E-	1/4"	0.2500	0.015	0.375	1.125	0.238	3.000	1.898	0.250	4	
★ MA230.6.35A4X038I-	1/4"	0.2500	0.015	0.375	2.125	0.238	4.000	2.898	0.250	4	
★ MA230.6.35A4L076D-	1/4"	0.2500	0.030	0.375	0.750	0.238	3.000	1.898	0.250	4	
★ MA230.6.35A4L076E-	1/4"	0.2500	0.030	0.375	1.125	0.238	3.000	1.898	0.250	4	
★ MA230.6.35A4X076I-	1/4"	0.2500	0.030	0.375	2.125	0.238	4.000	2.898	0.250	4	
★ MA230.9.53A4D038D-	3/8"	0.3750	0.015	0.500	1.125	0.356	3.000	1.701	0.375	4	
★ MA230.9.53A4L038F-	3/8"	0.3750	0.015	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA230.9.53A4P038I-	3/8"	0.3750	0.015	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA230.9.53A4D076D-	3/8"	0.3750	0.030	0.500	1.125	0.356	3.000	1.701	0.375	4	
★ MA230.9.53A4L076F-	3/8"	0.3750	0.030	0.500	2.125	0.356	4.000	2.701	0.375	4	
★ MA230.9.53A4P076I-	3/8"	0.3750	0.030	0.500	3.125	0.356	6.000	4.701	0.375	4	
★ MA230.12.7A4D038D-	1/2"	0.5000	0.015	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA230.12.7A4D038E-	1/2"	0.5000	0.015	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA230.12.7A4X038G-	1/2"	0.5000	0.015	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA230.12.7A4D076D-	1/2"	0.5000	0.030	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA230.12.7A4D076E-	1/2"	0.5000	0.030	0.625	2.250	0.475	4.000	2.504	0.500	4	
★ MA230.12.7A4X076G-	1/2"	0.5000	0.030	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA230.12.7A4D152D-	1/2"	0.5000	0.060	0.625	1.500	0.475	4.000	2.504	0.500	4	
★ MA230.12.7A4X152G-	1/2"	0.5000	0.060	0.625	3.375	0.475	6.000	4.504	0.500	4	
★ MA230.15.9A4L076C-	5/8"	0.6250	0.030	0.750	1.625	0.594	5.000	3.307	0.625	4	
★ MA230.19.1A4D076C-	3/4"	0.7500	0.030	0.875	2.000	0.713	5.000	3.307	0.750	4	

Ordering example for the grade WJ30TF: MA230.12.7A4D038D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

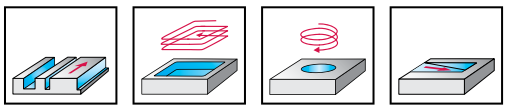
New addition to the product range = ☺ 😐 ☹ / ★

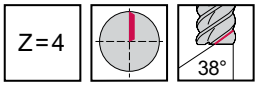
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

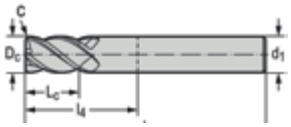


– corner chamfer





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	C mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-02.0A4S-	2		4	38	22	3	4	
★ MA230-03.0A4LLC-	3	0.25	12	63	35	6	4	
★ MA230-03.0A4SK-	3		12	38	22	3	4	
★ MA230-04.0A4DDC-	4	0.25	14	63	35	6	4	
★ MA230-04.0A4SK-	4		14	51	29	4	4	
★ MA230-04.0A4SSC-	4	0.25	14	51	29	4	4	
★ MA230-05.0A4DDC-	5	0.25	20	51	29	5	4	
★ MA230-05.0A4DK-	5		20	51	29	5	4	
★ MA230-06.0A4DDC-	6	0.25	20	63	35	6	4	
★ MA230-06.0A4DJ-	6		20	63	35	6	4	
★ MA230-08.0A4S-	8		20	63	35	8	4	
★ MA230-08.0A4SSC-	8	0.25	20	63	35	8	4	
★ MA230-10.0A4D-	10		25	70	37	10	4	
★ MA230-10.0A4DDC-	10	0.25	25	70	37	10	4	
★ MA230-12.0A4D-	12		25	76	38	12	4	
★ MA230-12.0A4DDC-	12	0.25	25	76	38	12	4	
★ MA230-14.0A4DDC-	14	0.50	32	89	51	14	4	
★ MA230-16.0A4D-	16		32	89	46	16	4	
★ MA230-16.0A4DDC-	16	0.50	32	89	46	16	4	

Ordering example for the grade WJ30TF: MA230-02.0A4S-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

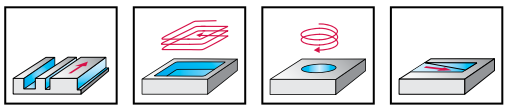
☺ 😐 ☹ / ★ = New addition to the product range

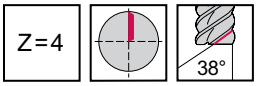
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

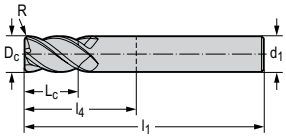


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-01.5A4S025-	1.5	0.25	3	38	22	3	4	
★ MA230-02.0A4S025-	2	0.25	4	38	22	3	4	
★ MA230-02.5A4S025-	2.5	0.25	5	38	22	3	4	
★ MA230-03.0A4L025K-	3	0.25	12	63	35	6	4	
★ MA230-03.0A4S025K-	3	0.25	12	38	22	3	4	
★ MA230-04.0A4D025K-	4	0.25	14	63	35	6	4	
★ MA230-04.0A4S025K-	4	0.25	14	51	29	4	4	
★ MA230-04.0A4D050K-	4	0.5	14	63	35	6	4	
★ MA230-04.0A4S050K-	4	0.5	14	51	29	4	4	
★ MA230-05.0A4D050K-	5	0.5	20	51	29	5	4	
★ MA230-06.0A4D050J-	6	0.5	20	63	35	6	4	
★ MA230-06.0A4L050K-	6	0.5	24	75	47	6	4	
★ MA230-08.0A4D050-	8	0.5	32	75	47	8	4	
★ MA230-08.0A4S050-	8	0.5	20	63	35	8	4	
★ MA230-08.0A4S100-	8	1	20	63	35	8	4	
★ MA230-08.0A4S150-	8	1.5	20	63	35	8	4	
★ MA230-10.0A4D050-	10	0.5	25	70	37	10	4	
★ MA230-10.0A4L050K-	10	0.5	40	100	67	10	4	
★ MA230-10.0A4X050-	10	0.5	20	127	94	10	4	
★ MA230-12.0A4D050-	12	0.5	25	76	38	12	4	
★ MA230-12.0A4L050K-	12	0.5	48	100	62	12	4	
★ MA230-12.0A4D100-	12	1	25	76	38	12	4	
★ MA230-12.0A4D150-	12	1.5	25	76	38	12	4	
★ MA230-14.0A4D050-	14	0.5	32	89	51	14	4	
★ MA230-16.0A4D050-	16	0.5	32	89	46	16	4	
★ MA230-16.0A4X050J-	16	0.5	48	127	84	16	4	
★ MA230-16.0A4D100-	16	1	32	89	46	16	4	
★ MA230-16.0A4D150-	16	1.5	32	89	46	16	4	
★ MA230-16.0A4D200-	16	2	32	89	46	16	4	

Ordering example for the grade WJ30TF: MA230-01.5A4S025-WJ30TF

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

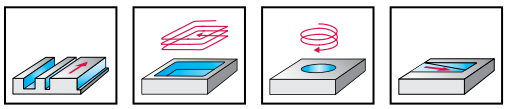
New addition to the product range = / ★

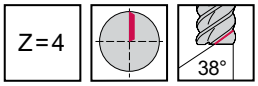
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

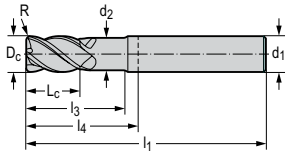


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-06.0A4L025F-	6	0.25	12	30	5.7	100	72	6	4	☻
★ MA230-06.0A4D050F-	6	0.5	20	32	5.7	75	47	6	4	☻
★ MA230-06.0A4L050F-	6	0.5	12	30	5.7	100	72	6	4	☻
★ MA230-06.0A4L100F-	6	1	12	30	5.7	100	72	6	4	☻
★ MA230-08.0A4D050E-	8	0.5	20	32	7.6	75	47	8	4	☻
★ MA230-08.0A4L050F-	8	0.5	16	40	7.6	100	72	8	4	☻
★ MA230-10.0A4L050F-	10	0.5	25	50	9.5	100	67	10	4	☻
★ MA230-12.0A4L050C-	12	0.5	25	50	11.4	100	62	12	4	☻
★ MA230-12.0A4X050-	12	0.5	25	60	11.4	150	112	12	4	☻
★ MA230-16.0A4P050F-	16	0.5	32	80	15.2	150	107	16	4	☻
★ MA230-16.0A4X050E-	16	0.5	32	65	15.2	127	84	16	4	☻

Ordering example for the grade WJ30TF: MA230-06.0A4D050F-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

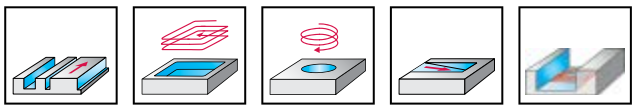
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

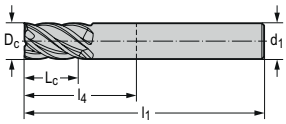
MA230 Advance inch







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A5S-	1/8"	0.1250	0.250	1.500	0.87	0.125	5	
★ MA230.4.76A5S-	3/16"	0.1875	0.250	1.500	0.634	0.1875	5	
★ MA230.6.35A5S-	1/4"	0.2500	0.375	2.000	0.898	0.250	5	
★ MA230.7.93A5S-	5/16"	0.3125	0.500	2.000	0.898	0.3125	5	
★ MA230.9.53A5S-	3/8"	0.3750	1.000	2.500	1.201	0.375	5	
★ MA230.9.53A5SS-	3/8"	0.3750	0.500	2.000	0.701	0.375	5	
★ MA230.12.7A5A-	1/2"	0.5000	0.625	2.500	1.004	0.500	5	
★ MA230.12.7A5S-	1/2"	0.5000	1.250	3.000	1.504	0.500	5	
★ MA230.19.1A5A-	3/4"	0.7500	0.875	3.000	1.307	0.750	5	

Ordering example for the grade WJ30TF: MA230.12.7A5A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

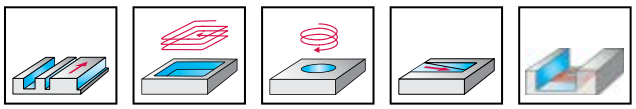
New addition to the product range = ☺ 😐 ☹ / ★

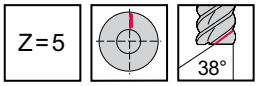
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

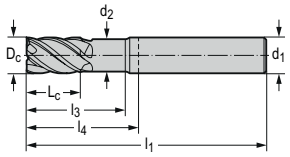


– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A5DG-	1/8"	0.1250	0.500	0.750	0.119	2.000	1.37	0.125	5	
★ MA230.4.76A5DE-	3/16"	0.1875	0.625	0.875	0.178	2.000	1.134	0.1875	5	
★ MA230.6.35A5DE-	1/4"	0.2500	0.750	1.000	0.238	2.500	1.398	0.250	5	
★ MA230.7.93A5DD-	5/16"	0.3125	0.812	1.062	0.297	2.500	1.398	0.3125	5	
★ MA230.12.7A5SC-	1/2"	0.5000	1.000	1.250	0.475	3.000	1.504	0.500	5	
★ MA230.15.9A5DC-	5/8"	0.6250	1.250	1.500	0.594	3.500	1.807	0.625	5	
★ MA230.19.1A5SC-	3/4"	0.7500	1.500	1.750	0.713	4.000	2.307	0.750	5	

Ordering example for the grade WJ30TF: MA230.12.7A5SC-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

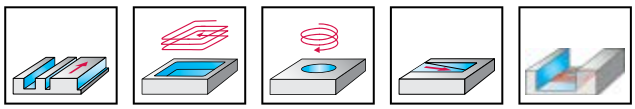
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MA230 Advance inch

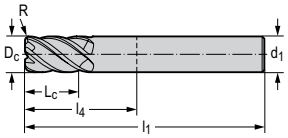


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A5S038-	1/8"	0.1250	0.015	0.250	1.500	0.87	0.125	5	
★ MA230.4.76A5S038-	3/16"	0.1875	0.015	0.250	1.500	0.634	0.1875	5	
★ MA230.6.35A5S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	5	
★ MA230.6.35A5S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	5	
★ MA230.7.93A5S038-	5/16"	0.3125	0.015	0.500	2.000	0.898	0.3125	5	
★ MA230.7.93A5S076-	5/16"	0.3125	0.030	0.500	2.000	0.898	0.3125	5	
★ MA230.9.53A5S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	5	
★ MA230.9.53A5S038S-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	5	
★ MA230.9.53A5S076-	3/8"	0.3750	0.030	1.000	2.500	1.201	0.375	5	
★ MA230.9.53A5S076S-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	5	
★ MA230.12.7A5A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	5	
★ MA230.12.7A5S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	5	
★ MA230.12.7A5A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	5	
★ MA230.12.7A5S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	5	
★ MA230.12.7A5A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	5	
★ MA230.12.7A5S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	5	
★ MA230.19.1A5A076-	3/4"	0.7500	0.030	0.875	3.000	1.307	0.750	5	

Ordering example for the grade WJ30TF: MA230.12.7A5A038-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

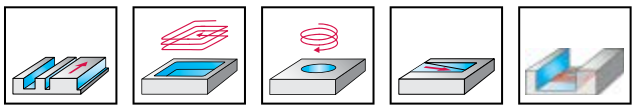
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

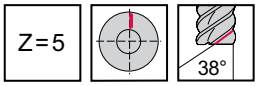
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

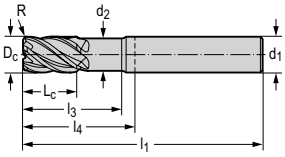


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A5D038G-	1/8"	0.1250	0.015	0.500	0.750	0.119	2.000	1.37	0.125	5	
★ MA230.4.76A5D038E-	3/16"	0.1875	0.015	0.625	0.875	0.178	2.000	1.134	0.1875	5	
★ MA230.6.35A5D038E-	1/4"	0.2500	0.015	0.750	1.000	0.238	2.500	1.398	0.250	5	
★ MA230.6.35A5D076E-	1/4"	0.2500	0.030	0.750	1.000	0.238	2.500	1.398	0.250	5	
★ MA230.7.93A5D038D-	5/16"	0.3125	0.015	0.812	1.062	0.297	2.500	1.398	0.3125	5	
★ MA230.7.93A5D076D-	5/16"	0.3125	0.030	0.812	1.062	0.297	2.500	1.398	0.3125	5	
★ MA230.9.53A5D038F-	3/8"	0.3750	0.015	0.500	1.875	0.356	3.000	1.894	0.375	5	
★ MA230.9.53A5D076F-	3/8"	0.3750	0.030	0.500	1.875	0.356	3.000	1.894	0.375	5	
★ MA230.12.7A5D038D-	1/2"	0.5000	0.015	0.625	1.500	0.475	4.000	2.504	0.500	5	
★ MA230.12.7A5D038E-	1/2"	0.5000	0.015	0.625	2.250	0.475	4.000	2.504	0.500	5	
★ MA230.12.7A5S038C-	1/2"	0.5000	0.015	1.000	1.250	0.475	3.000	1.504	0.500	5	
★ MA230.12.7A5D076D-	1/2"	0.5000	0.030	0.625	1.500	0.475	4.000	2.504	0.500	5	
★ MA230.12.7A5D076E-	1/2"	0.5000	0.030	0.625	2.250	0.475	4.000	2.504	0.500	5	
★ MA230.12.7A5S076C-	1/2"	0.5000	0.030	1.000	1.250	0.475	3.000	1.504	0.500	5	
★ MA230.12.7A5D152E-	1/2"	0.5000	0.060	0.625	2.250	0.475	4.000	2.504	0.500	5	
★ MA230.12.7A5S152C-	1/2"	0.5000	0.060	1.000	1.250	0.475	3.000	1.504	0.500	5	
★ MA230.15.9A5D076C-	5/8"	0.6250	0.030	1.250	1.500	0.594	3.500	1.807	0.625	5	
★ MA230.15.9A5L076C-	5/8"	0.6250	0.030	0.750	1.625	0.594	5.000	3.307	0.625	5	
★ MA230.15.9A5D152C-	5/8"	0.6250	0.060	1.250	1.500	0.594	3.500	1.807	0.625	5	
★ MA230.15.9A5L152D-	5/8"	0.6250	0.060	0.750	2.375	0.594	5.000	3.307	0.625	5	
★ MA230.19.1A5L076E-	3/4"	0.7500	0.030	0.875	3.375	0.713	6.000	4.307	0.750	5	
★ MA230.19.1A5S076C-	3/4"	0.7500	0.030	1.500	1.750	0.713	4.000	2.307	0.750	5	
★ MA230.19.1A5S152C-	3/4"	0.7500	0.060	1.500	1.750	0.713	4.000	2.307	0.750	5	
★ MA230.19.1A5D305C-	3/4"	0.7500	0.120	0.875	2.000	0.713	5.000	3.307	0.750	5	
★ MA230.19.1A5S305C-	3/4"	0.7500	0.120	1.500	1.750	0.713	4.000	2.307	0.750	5	
★ MA230.25.4A5A076-	1"	1.0000	0.030	1.500	1.750	0.960	4.000	1.913	1.000	5	
★ MA230.25.4A5L076D-	1"	1.0000	0.030	1.500	3.375	0.960	6.000	3.913	1.000	5	
★ MA230.25.4A5A152-	1"	1.0000	0.060	1.500	1.750	0.960	4.000	1.913	1.000	5	

Ordering example for the grade WJ30TF: MA230.12.7A5D038D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

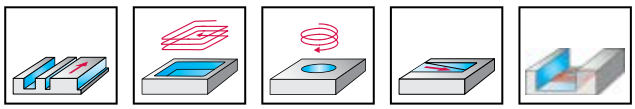
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

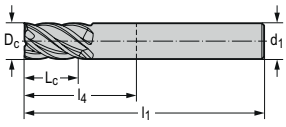
MA230 Advance mm







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-02.0A5S-	2	4	38	22	3	5	
★ MA230-02.5A5S-	2.5	5	38	22	3	5	
★ MA230-03.0A5S-	3	6	38	22	3	5	

Ordering example for the grade WJ30TF: MA230-02.0A5S-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

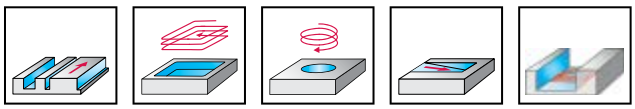
Best tool for → Good = → Average = → Poor = machining conditions

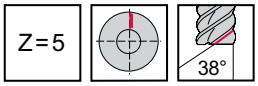
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

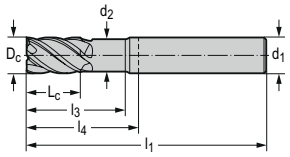


– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		

	Designation	d_c mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
	★ MA230-04.0A5SF-	4	14	20	3.8	51	29	4	5	

DIN 6535 HA

Ordering example for the grade WJ30TF: MA230-04.0A5SF-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

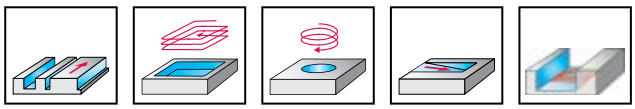
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MA230 Advance mm

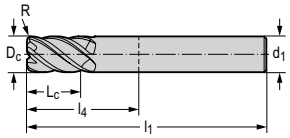


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		

	Designation	d_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
	★ MA230-02.5A5S025-	2.5	0.25	5	38	22	3	5	
	★ MA230-03.0A5S025-	3	0.25	6	38	22	3	5	
	★ MA230-03.0A5S025K-	3	0.25	12	38	22	3	5	

DIN 6535 HA

Ordering example for the grade WJ30TF: MA230-02.5A5S025-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

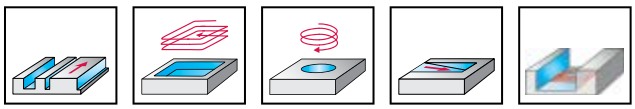
Best tool for → Good = → Average = → Poor = machining conditions

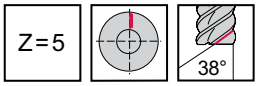
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

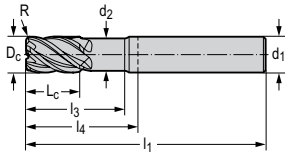


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-04.0A5S025F-	4	0.25	14	20	3.8	51	29	4	5	☺
★ MA230-05.0A5D025J-	5	0.25	16	22	4.8	51	29	5	5	☺
★ MA230-06.0A5D050E-	6	0.5	20	26	5.7	63	35	6	5	☺
★ MA230-06.0A5D100E-	6	1	20	26	5.7	63	35	6	5	☺
★ MA230-08.0A5S050D-	8	0.5	20	26	7.6	63	35	8	5	☺
★ MA230-10.0A5D050D-	10	0.5	24	30	9.5	70	32	10	5	☺
★ MA230-10.0A5D100D-	10	1	24	30	9.5	70	32	10	5	☺
★ MA230-12.0A5D050C-	12	0.5	25	31	11.4	76	38	12	5	☺
★ MA230-12.0A5D100C-	12	1	25	31	11.4	76	38	12	5	☺
★ MA230-14.0A5D050C-	14	0.5	32	38	13.3	89	46	14	5	☺
★ MA230-16.0A5D050C-	16	0.5	32	38	15.2	89	46	16	5	☺
★ MA230-16.0A5D100C-	16	1	32	38	15.2	89	46	16	5	☺

Ordering example for the grade WJ30TF: MA230-04.0A5S025F-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

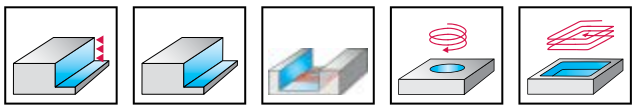
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

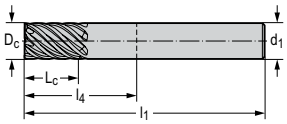
MA230 Advance inch







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A7S-	1/8"	0.1250	0.187	1.500	0.87	0.125	7	
★ MA230.3.18A7S000J-	1/8"	0.1250	0.375	1.500	0.87	0.125	7	
★ MA230.4.76A7D000J-	3/16"	0.1875	0.562	2.000	1.134	0.1875	7	
★ MA230.4.76A7S000-	3/16"	0.1875	0.281	1.500	0.634	0.1875	7	
★ MA230.6.35A7S-	1/4"	0.2500	0.375	2.000	0.898	0.250	7	
★ MA230.9.53A7S-	3/8"	0.3750	1.000	2.500	1.201	0.375	7	
★ MA230.9.53A7SS-	3/8"	0.3750	0.500	2.000	0.701	0.375	7	
★ MA230.12.7A7A-	1/2"	0.5000	0.625	2.500	1.004	0.500	7	
★ MA230.12.7A7S-	1/2"	0.5000	1.250	3.000	1.504	0.500	7	
★ MA230.15.9A7S-	5/8"	0.6250	0.750	3.000	1.307	0.625	7	
★ MA230.19.1A7S-	3/4"	0.7500	0.875	3.000	1.307	0.750	7	

Ordering example for the grade WJ30TF: MA230.12.7A7A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

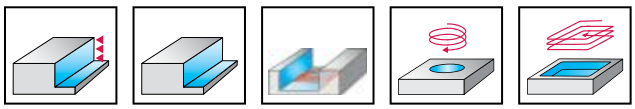
New addition to the product range = ☺ 😐 ☹ / ★

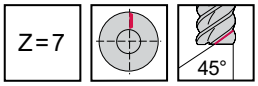
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

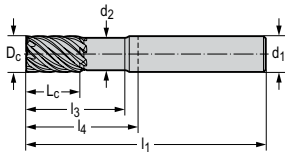


– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.6.35A7DE-	1/4"	0.2500	0.750	1.000	0.238	2.500	1.398	0.250	7	☺
★ MA230.12.7A7SC-	1/2"	0.5000	1.000	1.250	0.475	3.000	1.504	0.500	7	☺
★ MA230.15.9A7DC-	5/8"	0.6250	1.250	1.500	0.594	3.500	1.807	0.625	7	☺
★ MA230.19.1A7SC-	3/4"	0.7500	1.500	1.750	0.713	4.000	2.307	0.750	7	☺
★ MA230.25.4A7A-	1"	1.0000	1.500	1.750	0.960	4.000	1.913	1.000	7	☺

Ordering example for the grade WJ30TF: MA230.12.7A7SC-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

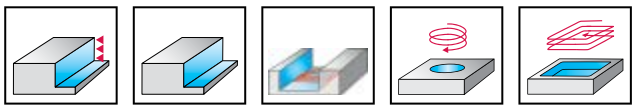
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MA230 Advance inch

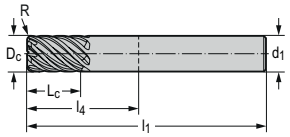


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.3.18A7S025-	1/8"	0.1250	0.010	0.187	1.500	0.87	0.125	7	
★ MA230.3.18A7S025J-	1/8"	0.1250	0.010	0.375	1.500	0.87	0.125	7	
★ MA230.4.76A7D025J-	3/16"	0.1875	0.010	0.562	2.000	1.134	0.1875	7	
★ MA230.4.76A7S025-	3/16"	0.1875	0.010	0.281	1.500	0.634	0.1875	7	
★ MA230.6.35A7S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	7	
★ MA230.6.35A7X038-	1/4"	0.2500	0.015	0.375	4.000	2.898	0.250	7	
★ MA230.9.53A7S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	7	
★ MA230.9.53A7S038S-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	7	
★ MA230.12.7A7A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	7	
★ MA230.12.7A7S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	7	
★ MA230.12.7A7S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	7	
★ MA230.15.9A7S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	7	
★ MA230.19.1A7A076-	3/4"	0.7500	0.030	0.875	3.000	1.307	0.750	7	

Ordering example for the grade WJ30TF: MA230.12.7A7A038-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

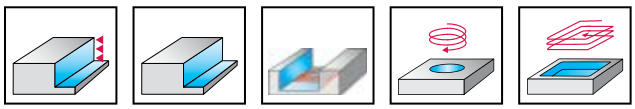
New addition to the product range = / ★

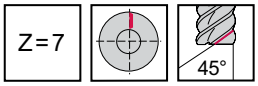
Solid carbide shoulder/slot milling cutters

MA230 Advance inch

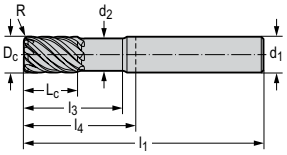


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30TF
★ MA230.6.35A7D038E-	1/4"	0.2500	0.015	0.750	1.000	0.238	2.500	1.398	0.250	7	
★ MA230.6.35A7X038I-	1/4"	0.2500	0.015	0.375	2.125	0.238	4.000	2.898	0.250	7	
★ MA230.9.53A7D038D-	3/8"	0.3750	0.015	0.500	1.125	0.356	3.000	1.701	0.375	7	
★ MA230.9.53A7L038F-	3/8"	0.3750	0.015	0.500	2.125	0.356	4.000	2.701	0.375	7	
★ MA230.12.7A7D038D-	1/2"	0.5000	0.015	0.625	1.500	0.475	4.000	2.504	0.500	7	
★ MA230.12.7A7D038E-	1/2"	0.5000	0.015	0.625	2.250	0.475	4.000	2.504	0.500	7	
★ MA230.12.7A7S038C-	1/2"	0.5000	0.015	1.000	1.250	0.475	3.000	1.504	0.500	7	
★ MA230.12.7A7S076C-	1/2"	0.5000	0.030	1.000	1.250	0.475	3.000	1.504	0.500	7	
★ MA230.15.9A7D076C-	5/8"	0.6250	0.030	1.250	1.500	0.594	3.500	1.807	0.625	7	
★ MA230.15.9A7L076C-	5/8"	0.6250	0.030	0.750	1.625	0.594	5.000	3.307	0.625	7	
★ MA230.19.1A7D076C-	3/4"	0.7500	0.030	0.875	2.000	0.713	5.000	3.307	0.750	7	
★ MA230.19.1A7S076C-	3/4"	0.7500	0.030	1.500	1.750	0.713	4.000	2.307	0.750	7	
★ MA230.25.4A7A076-	1"	1.0000	0.030	1.500	1.750	0.960	4.000	1.913	1.000	7	

Ordering example for the grade WJ30TF: MA230.12.7A7D038D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

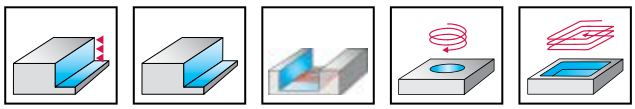
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

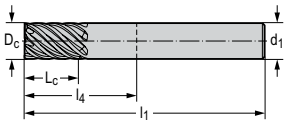
MA230 Advance mm







	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-03.0A7S-	3	12	38	22	3	7	
★ MA230-03.0A7SS-	3	6	38	22	3	7	
★ MA230-04.0A7SJ-	4	12	51	29	4	7	

Ordering example for the grade WJ30TF: MA230-03.0A7S-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

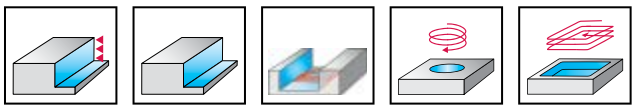
Best tool for → Good = → Average = → Poor = machining conditions

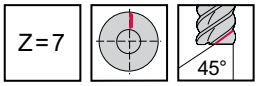
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

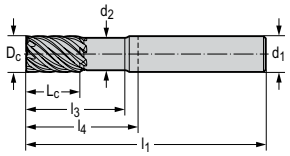


– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-06.0A7DE-	6	20	26	5.7	63	35	6	7	
★ MA230-08.0A7SD-	8	20	26	7.6	63	35	8	7	
★ MA230-10.0A7DD-	10	24	30	9.5	70	37	10	7	
★ MA230-12.0A7DC-	12	25	31	11.4	76	38	12	7	
★ MA230-14.0A7DC-	14	32	38	13.3	89	46	14	7	
★ MA230-16.0A7DC-	16	32	38	15.2	89	46	16	7	
★ MA230-18.0A7DC-	18	36	42	17.1	100	57	18	7	
★ MA230-20.0A7DC-	20	36	42	19	100	57	20	7	

Ordering example for the grade WJ30TF: MA230-06.0A7DE-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

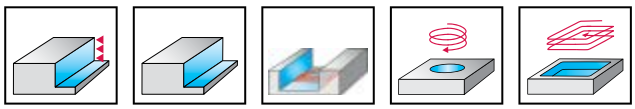
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MA230 Advance mm

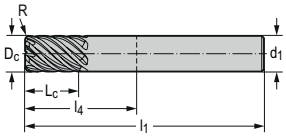


– corner radius





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-03.0A7S025-	3	0.25	6	38	22	3	7	
★ MA230-03.0A7S025K-	3	0.25	12	38	22	3	7	
★ MA230-04.0A7S025J-	4	0.25	12	51	29	4	7	
★ MA230-06.0A7X050J-	6	0.5	20	100	72	6	7	
★ MA230-08.0A7L050-	8	0.5	20	100	72	8	7	
★ MA230-10.0A7L050-	10	0.5	24	100	67	10	7	
★ MA230-12.0A7L050C-	12	0.5	25	100	62	12	7	
★ MA230-16.0A7L050-	16	0.5	32	100	57	16	7	

Ordering example for the grade WJ30TF: MA230-03.0A7S025-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

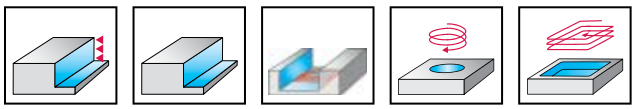
Best tool for → Good = → Average = → Poor = machining conditions

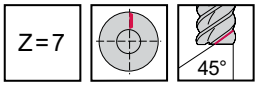
Solid carbide shoulder/slot milling cutters

MA230 Advance mm

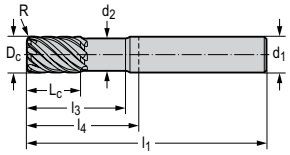


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30TF (AlTiSiN)	●●	●	●		●		



DIN 6535 HA

Designation	d_c mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d1 h6	Z	WJ30TF
★ MA230-06.0A7D050E-	6	0.5	20	26	5.7	63	35	6	7	☺
★ MA230-08.0A7S050D-	8	0.5	20	26	7.6	63	35	8	7	☺
★ MA230-08.0A7S100D-	8	1	20	26	7.6	63	35	8	7	☺
★ MA230-10.0A7D050D-	10	0.5	24	30	9.5	70	37	10	7	☺
★ MA230-10.0A7D100D-	10	1	24	30	9.5	70	37	10	7	☺
★ MA230-10.0A7D200D-	10	2	24	30	9.5	70	37	10	7	☺
★ MA230-12.0A7D050C-	12	0.5	25	31	11.4	76	38	12	7	☺
★ MA230-12.0A7D100C-	12	1	25	31	11.4	76	38	12	7	☺
★ MA230-12.0A7D200C-	12	2	25	31	11.4	76	38	12	7	☺
★ MA230-14.0A7D050C-	14	0.5	32	38	13.3	89	46	14	7	☺
★ MA230-14.0A7D100C-	14	1	32	38	13.3	89	46	14	7	☺
★ MA230-16.0A7D050C-	16	0.5	32	38	15.2	89	46	16	7	☺
★ MA230-16.0A7D100C-	16	1	32	38	15.2	89	46	16	7	☺
★ MA230-16.0A7D200C-	16	2	32	38	15.2	89	46	16	7	☺
★ MA230-18.0A7D050C-	18	0.5	36	42	17.1	100	57	18	7	☺
★ MA230-18.0A7D100C-	18	1	36	42	17.1	100	57	18	7	☺
★ MA230-20.0A7D050C-	20	0.5	36	42	19	100	57	20	7	☺

Ordering example for the grade WJ30TF: MA230-06.0A7D050E-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

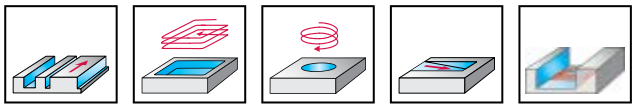
☺ 😐 ☹ / ★ = New addition to the product range

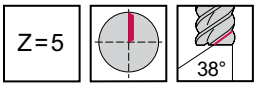
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

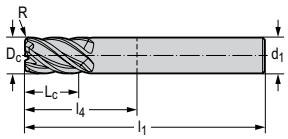


– corner radius
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.3.18A5D025K-	1/8"	0.1250	0.010	0.500	2.000	1.37	0.125	5		●
★ MA377.3.18A5D038K-	1/8"	0.1250	0.015	0.500	2.000	1.37	0.125	5		●
★ MA377.3.18A5D076K-	1/8"	0.1250	0.030	0.500	2.000	1.37	0.125	5		●
★ MA377.3.18A5L025X-	1/8"	0.1250	0.010	0.750	2.500	1.87	0.125	5		●
★ MA377.3.18A5L038X-	1/8"	0.1250	0.015	0.750	2.500	1.87	0.125	5		●
★ MA377.3.18A5L076X-	1/8"	0.1250	0.030	0.750	2.500	1.87	0.125	5		●
★ MA377.3.18A5S025-	1/8"	0.1250	0.010	0.250	1.500	0.87	0.125	5	●	
★ MA377.3.18A5S038-	1/8"	0.1250	0.015	0.250	1.500	0.87	0.125	5	●	
★ MA377.3.18A5S076-	1/8"	0.1250	0.030	0.250	1.500	0.87	0.125	5	●	
★ MA377.4.76A5D025-	3/16"	0.1875	0.010	0.312	2.000	1.134	0.1875	5	●	
★ MA377.4.76A5D038-	3/16"	0.1875	0.015	0.312	2.000	1.134	0.1875	5	●	
★ MA377.4.76A5D076-	3/16"	0.1875	0.030	0.312	2.000	1.134	0.1875	5	●	
★ MA377.4.76A5L025J-	3/16"	0.1875	0.010	0.562	2.500	1.634	0.1875	5	●	
★ MA377.4.76A5L025K-	3/16"	0.1875	0.010	0.750	2.500	1.634	0.1875	5		●
★ MA377.4.76A5L038J-	3/16"	0.1875	0.015	0.562	2.500	1.634	0.1875	5	●	
★ MA377.4.76A5L038K-	3/16"	0.1875	0.015	0.750	2.500	1.634	0.1875	5		●
★ MA377.4.76A5L076J-	3/16"	0.1875	0.030	0.562	2.500	1.634	0.1875	5	●	
★ MA377.4.76A5L076K-	3/16"	0.1875	0.030	0.750	2.500	1.634	0.1875	5		●
★ MA377.6.35A5D038-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D051-	1/4"	0.2500	0.020	0.500	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D051J-	1/4"	0.2500	0.020	0.750	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D076-	1/4"	0.2500	0.030	0.500	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D152-	1/4"	0.2500	0.060	0.500	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D152J-	1/4"	0.2500	0.060	0.750	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D229-	1/4"	0.2500	0.090	0.500	2.500	1.398	0.250	5	●	
★ MA377.6.35A5D229J-	1/4"	0.2500	0.090	0.750	2.500	1.398	0.250	5	●	
★ MA377.6.35A5L038X-	1/4"	0.2500	0.015	1.250	3.000	1.898	0.250	5		●
★ MA377.6.35A5L051X-	1/4"	0.2500	0.020	1.250	3.000	1.898	0.250	5		●
★ MA377.6.35A5L076X-	1/4"	0.2500	0.030	1.250	3.000	1.898	0.250	5		●
★ MA377.6.35A5L152X-	1/4"	0.2500	0.060	1.250	3.000	1.898	0.250	5		●

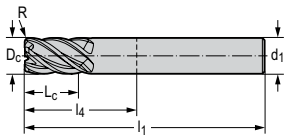
Ordering example for the grade WJ30EM: MA377.12.7A5A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

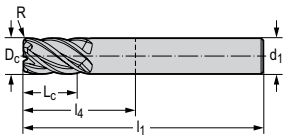
☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.6.35A5S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	5	☻	
★ MA377.6.35A5S051-	1/4"	0.2500	0.020	0.375	2.000	0.898	0.250	5	☻	
★ MA377.6.35A5S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	5	☻	
★ MA377.6.35A5S152S-	1/4"	0.2500	0.060	0.375	2.000	0.898	0.250	5	☻	
★ MA377.6.35A5X038-	1/4"	0.2500	0.015	0.375	4.000	2.898	0.250	5	☻	
★ MA377.6.35A5X051-	1/4"	0.2500	0.020	0.375	4.000	2.898	0.250	5	☻	
★ MA377.6.35A5X076-	1/4"	0.2500	0.030	0.375	4.000	2.898	0.250	5	☻	
★ MA377.6.35A5X152-	1/4"	0.2500	0.060	0.375	4.000	2.898	0.250	5	☻	
★ MA377.7.93A5D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	5	☻	
★ MA377.7.93A5D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	5	☻	
★ MA377.7.93A5D152-	5/16"	0.3125	0.060	0.812	2.500	1.398	0.3125	5	☻	
★ MA377.7.93A5L038J-	5/16"	0.3125	0.015	1.000	3.000	1.898	0.3125	5	☻	
★ MA377.7.93A5L076J-	5/16"	0.3125	0.030	1.000	3.000	1.898	0.3125	5	☻	
★ MA377.7.93A5L152J-	5/16"	0.3125	0.060	1.000	3.000	1.898	0.3125	5	☻	
★ MA377.7.93A5S038-	5/16"	0.3125	0.015	0.437	2.000	0.898	0.3125	5	☻	
★ MA377.7.93A5S076-	5/16"	0.3125	0.030	0.437	2.000	0.898	0.3125	5	☻	
★ MA377.7.93A5S152-	5/16"	0.3125	0.060	0.437	2.000	0.898	0.3125	5	☻	
★ MA377.7.93A5X038-	5/16"	0.3125	0.015	0.437	4.000	2.898	0.3125	5	☻	
★ MA377.7.93A5X076-	5/16"	0.3125	0.030	0.437	4.000	2.898	0.3125	5	☻	
★ MA377.7.93A5X152-	5/16"	0.3125	0.060	0.437	4.000	2.898	0.3125	5	☻	
★ MA377.9.53A5D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	5		☻
★ MA377.9.53A5D051J-	3/8"	0.3750	0.020	1.250	3.000	1.701	0.375	5		☻
★ MA377.9.53A5D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	5		☻
★ MA377.9.53A5D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	5		☻
★ MA377.9.53A5D229J-	3/8"	0.3750	0.090	1.250	3.000	1.701	0.375	5		☻
★ MA377.9.53A5D305J-	3/8"	0.3750	0.120	1.250	3.000	1.701	0.375	5		☻
★ MA377.9.53A5L038K-	3/8"	0.3750	0.015	1.750	4.000	2.701	0.375	5		☻
★ MA377.9.53A5L051K-	3/8"	0.3750	0.020	1.750	4.000	2.701	0.375	5		☻
★ MA377.9.53A5L076K-	3/8"	0.3750	0.030	1.750	4.000	2.701	0.375	5		☻
★ MA377.9.53A5L152K-	3/8"	0.3750	0.060	1.750	4.000	2.701	0.375	5		☻
★ MA377.9.53A5L229K-	3/8"	0.3750	0.090	1.750	4.000	2.701	0.375	5		☻
★ MA377.9.53A5L305K-	3/8"	0.3750	0.120	1.750	4.000	2.701	0.375	5		☻
★ MA377.9.53A5P038-	3/8"	0.3750	0.015	0.500	6.000	4.701	0.375	5	☻	
★ MA377.9.53A5P076-	3/8"	0.3750	0.030	0.500	6.000	4.701	0.375	5	☻	
★ MA377.9.53A5P152-	3/8"	0.3750	0.060	0.500	6.000	4.701	0.375	5	☻	
★ MA377.9.53A5P305-	3/8"	0.3750	0.120	0.500	6.000	4.701	0.375	5	☻	
★ MA377.9.53A5S038-	3/8"	0.3750	0.015	1.000	2.500	1.398	0.375	5	☻	
★ MA377.9.53A5S038S-	3/8"	0.3750	0.015	0.500	2.000	0.898	0.375	5	☻	
★ MA377.9.53A5S051-	3/8"	0.3750	0.020	1.000	2.500	1.398	0.375	5	☻	
★ MA377.9.53A5S051S-	3/8"	0.3750	0.020	0.500	2.000	0.898	0.375	5	☻	
★ MA377.9.53A5S076-	3/8"	0.3750	0.030	1.000	2.500	1.398	0.375	5	☻	
★ MA377.9.53A5S076S-	3/8"	0.3750	0.030	0.500	2.000	0.898	0.375	5	☻	
★ MA377.9.53A5S152-	3/8"	0.3750	0.060	1.000	2.500	1.398	0.375	5	☻	
★ MA377.9.53A5S152S-	3/8"	0.3750	0.060	0.500	2.000	0.898	0.375	5	☻	

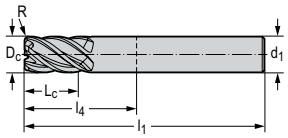
Ordering example for the grade WJ30EM: MA377.12.7A5A038-WJ30EM



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.9.53A5S229-	3/8"	0.3750	0.090	1.000	2.500	1.398	0.375	5	●	
★ MA377.9.53A5S229S-	3/8"	0.3750	0.090	0.500	2.000	0.898	0.375	5	●	
★ MA377.9.53A5S305-	3/8"	0.3750	0.120	1.000	2.500	1.398	0.375	5	●	
★ MA377.9.53A5S305S-	3/8"	0.3750	0.120	0.500	2.000	0.898	0.375	5	●	
★ MA377.12.7A5A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	5	●	
★ MA377.12.7A5A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	5	●	
★ MA377.12.7A5A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	5	●	
★ MA377.12.7A5A229-	1/2"	0.5000	0.090	0.625	2.500	1.004	0.500	5	●	
★ MA377.12.7A5A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	5	●	
★ MA377.12.7A5D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	5		●
★ MA377.12.7A5D038K-	1/2"	0.5000	0.015	2.000	4.000	2.504	0.500	5		●
★ MA377.12.7A5D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	5		●
★ MA377.12.7A5D076K-	1/2"	0.5000	0.030	2.000	4.000	2.504	0.500	5		●
★ MA377.12.7A5D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	5		●
★ MA377.12.7A5D152K-	1/2"	0.5000	0.060	2.000	4.000	2.504	0.500	5		●
★ MA377.12.7A5D229J-	1/2"	0.5000	0.090	1.625	4.000	2.504	0.500	5		●
★ MA377.12.7A5D229K-	1/2"	0.5000	0.090	2.000	4.000	2.504	0.500	5		●
★ MA377.12.7A5D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	5		●
★ MA377.12.7A5D305K-	1/2"	0.5000	0.120	2.000	4.000	2.504	0.500	5		●
★ MA377.12.7A5D483J-	1/2"	0.5000	0.190	1.625	4.000	2.504	0.500	5		●
★ MA377.12.7A5P038-	1/2"	0.5000	0.015	0.625	8.000	6.504	0.500	5	●	
★ MA377.12.7A5P076-	1/2"	0.5000	0.030	0.625	8.000	6.504	0.500	5	●	
★ MA377.12.7A5P152-	1/2"	0.5000	0.060	0.625	8.000	6.504	0.500	5	●	
★ MA377.12.7A5P305-	1/2"	0.5000	0.120	0.625	8.000	6.504	0.500	5	●	
★ MA377.12.7A5S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S229-	1/2"	0.5000	0.090	1.250	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S229S-	1/2"	0.5000	0.090	1.000	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	5	●	
★ MA377.12.7A5S483-	1/2"	0.5000	0.190	1.250	3.000	1.504	0.500	5	●	
★ MA377.12.7A5X038-	1/2"	0.5000	0.015	0.625	6.000	4.504	0.500	5	●	
★ MA377.12.7A5X076-	1/2"	0.5000	0.030	0.625	6.000	4.504	0.500	5	●	
★ MA377.12.7A5X152-	1/2"	0.5000	0.060	0.625	6.000	4.504	0.500	5	●	
★ MA377.12.7A5X305-	1/2"	0.5000	0.120	0.625	6.000	4.504	0.500	5	●	
★ MA377.15.9A5D038-	5/8"	0.6250	0.015	1.625	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D038S-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D076S-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D229-	5/8"	0.6250	0.090	1.625	3.500	1.807	0.625	5	●	

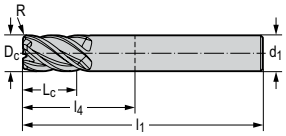
Ordering example for the grade WJ30EM: MA377.12.7A5A038-WJ30EM



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.15.9A5D229S-	5/8"	0.6250	0.090	1.250	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D305-	5/8"	0.6250	0.120	1.625	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D305S-	5/8"	0.6250	0.120	1.250	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D483-	5/8"	0.6250	0.190	1.625	3.500	1.807	0.625	5	●	
★ MA377.15.9A5D483S-	5/8"	0.6250	0.190	1.250	3.500	1.807	0.625	5	●	
★ MA377.15.9A5L038J-	5/8"	0.6250	0.015	2.125	4.000	2.307	0.625	5		●
★ MA377.15.9A5L038K-	5/8"	0.6250	0.015	2.500	5.000	3.307	0.625	5		●
★ MA377.15.9A5L076J-	5/8"	0.6250	0.030	2.125	4.000	2.307	0.625	5		●
★ MA377.15.9A5L076K-	5/8"	0.6250	0.030	2.500	5.000	3.307	0.625	5		●
★ MA377.15.9A5L152J-	5/8"	0.6250	0.060	2.125	4.000	2.307	0.625	5		●
★ MA377.15.9A5L152K-	5/8"	0.6250	0.060	2.500	5.000	3.307	0.625	5		●
★ MA377.15.9A5L229J-	5/8"	0.6250	0.090	2.125	4.000	2.307	0.625	5		●
★ MA377.15.9A5L229K-	5/8"	0.6250	0.090	2.500	5.000	3.307	0.625	5		●
★ MA377.15.9A5L305J-	5/8"	0.6250	0.120	2.125	4.000	2.307	0.625	5		●
★ MA377.15.9A5L305K-	5/8"	0.6250	0.120	2.500	5.000	3.307	0.625	5		●
★ MA377.15.9A5S038-	5/8"	0.6250	0.015	0.750	3.000	1.307	0.625	5	●	
★ MA377.15.9A5S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	5	●	
★ MA377.15.9A5S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	5	●	
★ MA377.15.9A5S229-	5/8"	0.6250	0.090	0.750	3.000	1.307	0.625	5	●	
★ MA377.15.9A5S305-	5/8"	0.6250	0.120	0.750	3.000	1.307	0.625	5	●	
★ MA377.15.9A5X038-	5/8"	0.6250	0.015	0.750	6.000	4.307	0.625	5	●	
★ MA377.15.9A5X076-	5/8"	0.6250	0.030	0.750	6.000	4.307	0.625	5	●	
★ MA377.15.9A5X152-	5/8"	0.6250	0.060	0.750	6.000	4.307	0.625	5	●	
★ MA377.15.9A5X305-	5/8"	0.6250	0.120	0.750	6.000	4.307	0.625	5	●	
★ MA377.19.1A5A038-	3/4"	0.7500	0.015	1.000	3.000	1.307	0.750	5	●	
★ MA377.19.1A5A076-	3/4"	0.7500	0.030	1.000	3.000	1.307	0.750	5	●	
★ MA377.19.1A5A152-	3/4"	0.7500	0.060	1.000	3.000	1.307	0.750	5	●	
★ MA377.19.1A5A229-	3/4"	0.7500	0.090	1.000	3.000	1.307	0.750	5	●	
★ MA377.19.1A5A305-	3/4"	0.7500	0.120	1.000	3.000	1.307	0.750	5	●	
★ MA377.19.1A5D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	5	●	
★ MA377.19.1A5D038J-	3/4"	0.7500	0.015	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	5	●	
★ MA377.19.1A5D076J-	3/4"	0.7500	0.030	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	5	●	
★ MA377.19.1A5D152J-	3/4"	0.7500	0.060	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5D229J-	3/4"	0.7500	0.090	2.250	5.000	3.307	0.750	5	●	
★ MA377.19.1A5D229J-	3/4"	0.7500	0.090	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	5	●	
★ MA377.19.1A5D305J-	3/4"	0.7500	0.120	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5D483J-	3/4"	0.7500	0.190	2.250	5.000	3.307	0.750	5	●	
★ MA377.19.1A5D635J-	3/4"	0.7500	0.250	2.750	5.000	3.307	0.750	5		●
★ MA377.19.1A5L038-	3/4"	0.7500	0.015	1.000	6.000	4.307	0.750	5	●	
★ MA377.19.1A5L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5L076-	3/4"	0.7500	0.030	1.000	6.000	4.307	0.750	5	●	
★ MA377.19.1A5L076K-	3/4"	0.7500	0.030	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5L152-	3/4"	0.7500	0.060	1.000	6.000	4.307	0.750	5	●	

Ordering example for the grade WJ30EM: MA377.12.7A5A038-WJ30EM

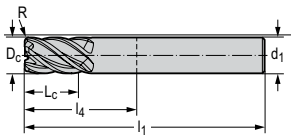


Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.19.1A5L152K-	3/4"	0.7500	0.060	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5L229K-	3/4"	0.7500	0.090	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5L305-	3/4"	0.7500	0.120	1.000	6.000	4.307	0.750	5	●	
★ MA377.19.1A5L305K-	3/4"	0.7500	0.120	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5L483K-	3/4"	0.7500	0.190	3.250	6.000	4.307	0.750	5		●
★ MA377.19.1A5P038-	3/4"	0.7500	0.015	1.000	9.000	7.307	0.750	5	●	
★ MA377.19.1A5P076-	3/4"	0.7500	0.030	1.000	9.000	7.307	0.750	5	●	
★ MA377.19.1A5P152-	3/4"	0.7500	0.060	1.000	9.000	7.307	0.750	5	●	
★ MA377.19.1A5P305-	3/4"	0.7500	0.120	1.000	9.000	7.307	0.750	5	●	
★ MA377.19.1A5S038-	3/4"	0.7500	0.015	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5S229-	3/4"	0.7500	0.090	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5S483-	3/4"	0.7500	0.190	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5S635-	3/4"	0.7500	0.250	1.625	4.000	2.307	0.750	5	●	
★ MA377.19.1A5X038-	3/4"	0.7500	0.015	1.000	7.000	5.307	0.750	5	●	
★ MA377.19.1A5X076-	3/4"	0.7500	0.030	1.000	7.000	5.307	0.750	5	●	
★ MA377.19.1A5X152-	3/4"	0.7500	0.060	1.000	7.000	5.307	0.750	5	●	
★ MA377.19.1A5X305-	3/4"	0.7500	0.120	1.000	7.000	5.307	0.750	5	●	
★ MA377.25.4A5A038C-	1"	1.0000	0.015	1.250	4.000	1.913	1.000	5	●	
★ MA377.25.4A5A076C-	1"	1.0000	0.030	1.250	4.000	1.913	1.000	5	●	
★ MA377.25.4A5A152C-	1"	1.0000	0.060	1.250	4.000	1.913	1.000	5	●	
★ MA377.25.4A5A305C-	1"	1.0000	0.120	1.250	4.000	1.913	1.000	5	●	
★ MA377.25.4A5D038C-	1"	1.0000	0.015	2.625	5.000	2.913	1.000	5	●	
★ MA377.25.4A5D076C-	1"	1.0000	0.030	2.625	5.000	2.913	1.000	5	●	
★ MA377.25.4A5D152C-	1"	1.0000	0.060	2.625	5.000	2.913	1.000	5	●	
★ MA377.25.4A5D305C-	1"	1.0000	0.120	2.625	5.000	2.913	1.000	5	●	
★ MA377.25.4A5D483C-	1"	1.0000	0.190	2.625	5.000	2.913	1.000	5	●	
★ MA377.25.4A5L038C-	1"	1.0000	0.015	1.250	6.000	3.913	1.000	5	●	
★ MA377.25.4A5L038J-	1"	1.0000	0.015	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5L076C-	1"	1.0000	0.030	1.250	6.000	3.913	1.000	5	●	
★ MA377.25.4A5L076J-	1"	1.0000	0.030	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5L152C-	1"	1.0000	0.060	1.250	6.000	3.913	1.000	5	●	
★ MA377.25.4A5L152J-	1"	1.0000	0.060	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5L305C-	1"	1.0000	0.120	1.250	6.000	3.913	1.000	5	●	
★ MA377.25.4A5L305J-	1"	1.0000	0.120	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5L635J-	1"	1.0000	0.250	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5L952J-	1"	1.0000	0.375	3.250	6.000	3.913	1.000	5		●
★ MA377.25.4A5P076C-	1"	1.0000	0.030	1.250	12.500	10.413	1.000	5	●	
★ MA377.25.4A5P152C-	1"	1.0000	0.060	1.250	12.500	10.413	1.000	5	●	
★ MA377.25.4A5P305C-	1"	1.0000	0.120	1.250	12.500	10.413	1.000	5	●	
★ MA377.25.4A5S038C-	1"	1.0000	0.015	2.000	4.500	2.413	1.000	5	●	
★ MA377.25.4A5S076C-	1"	1.0000	0.030	2.000	4.500	2.413	1.000	5	●	
★ MA377.25.4A5S152C-	1"	1.0000	0.060	2.000	4.500	2.413	1.000	5	●	
★ MA377.25.4A5S305C-	1"	1.0000	0.120	2.000	4.500	2.413	1.000	5	●	

Ordering example for the grade WJ30EM: MA377.12.7A5A038-WJ30EM

D1



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA377.25.4A5S483C-	1"	1.0000	0.190	2.000	4.500	2.413	1.000	5	☹	
★ MA377.25.4A5S635C-	1"	1.0000	0.250	2.000	4.500	2.413	1.000	5	☹	
★ MA377.25.4A5X038K-	1"	1.0000	0.015	4.250	7.000	4.913	1.000	5		☹
★ MA377.25.4A5X076C-	1"	1.0000	0.030	1.250	7.000	4.913	1.000	5	☹	
★ MA377.25.4A5X076K-	1"	1.0000	0.030	4.250	7.000	4.913	1.000	5		☹
★ MA377.25.4A5X152C-	1"	1.0000	0.060	1.250	7.000	4.913	1.000	5	☹	
★ MA377.25.4A5X152K-	1"	1.0000	0.060	4.250	7.000	4.913	1.000	5		☹
★ MA377.25.4A5X305C-	1"	1.0000	0.120	1.250	7.000	4.913	1.000	5	☹	
★ MA377.25.4A5X305K-	1"	1.0000	0.120	4.250	7.000	4.913	1.000	5		☹
★ MA377.31.7A5S152S-	1.25"	1.2500	0.060	2.000	4.500	2.295	1.250	5	☹	

Ordering example for the grade WJ30EM: MA377.12.7A5A038-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

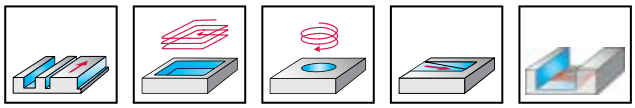
New addition to the product range = ☺ ☹ ☠ / ★

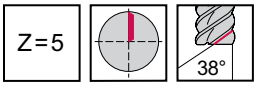
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

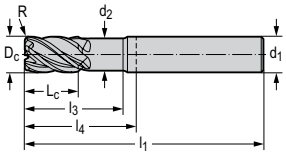


– corner radius
– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.3.18A5D025D-	1/8"	0.1250	0.010	0.187	0.375	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5D025E-	1/8"	0.1250	0.010	0.187	0.500	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5D038D-	1/8"	0.1250	0.015	0.187	0.375	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5D038E-	1/8"	0.1250	0.015	0.187	0.500	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5D076D-	1/8"	0.1250	0.030	0.187	0.375	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5D076E-	1/8"	0.1250	0.030	0.187	0.500	0.119	2.000	1.37	0.125	5	☺
★ MA377.3.18A5L025G-	1/8"	0.1250	0.010	0.187	0.750	0.119	2.500	1.87	0.125	5	☺
★ MA377.3.18A5L038G-	1/8"	0.1250	0.015	0.187	0.750	0.119	2.500	1.87	0.125	5	☺
★ MA377.3.18A5L076G-	1/8"	0.1250	0.030	0.187	0.750	0.119	2.500	1.87	0.125	5	☺
★ MA377.4.76A5D025C-	3/16"	0.1875	0.010	0.250	0.500	0.178	2.000	1.134	0.1875	5	☺
★ MA377.4.76A5D038C-	3/16"	0.1875	0.015	0.250	0.500	0.178	2.000	1.134	0.1875	5	☺
★ MA377.4.76A5D076C-	3/16"	0.1875	0.030	0.250	0.500	0.178	2.000	1.134	0.1875	5	☺
★ MA377.4.76A5L025E-	3/16"	0.1875	0.010	0.250	0.750	0.178	2.500	1.634	0.1875	5	☺
★ MA377.4.76A5L025G-	3/16"	0.1875	0.010	0.250	1.125	0.178	2.500	1.634	0.1875	5	☺
★ MA377.4.76A5L038E-	3/16"	0.1875	0.015	0.250	0.750	0.178	2.500	1.634	0.1875	5	☺
★ MA377.4.76A5L038G-	3/16"	0.1875	0.015	0.250	1.125	0.178	2.500	1.634	0.1875	5	☺
★ MA377.4.76A5L076E-	3/16"	0.1875	0.030	0.250	0.750	0.178	2.500	1.634	0.1875	5	☺
★ MA377.4.76A5L076G-	3/16"	0.1875	0.030	0.250	1.125	0.178	2.500	1.634	0.1875	5	☺
★ MA377.6.35A5X038D-	1/4"	0.2500	0.015	0.375	0.750	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X038E-	1/4"	0.2500	0.015	0.375	1.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X038I-	1/4"	0.2500	0.015	0.375	2.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X051D-	1/4"	0.2500	0.020	0.375	0.750	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X051E-	1/4"	0.2500	0.020	0.375	1.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X051I-	1/4"	0.2500	0.020	0.375	2.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X076D-	1/4"	0.2500	0.030	0.375	0.750	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X076E-	1/4"	0.2500	0.030	0.375	1.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X076I-	1/4"	0.2500	0.030	0.375	2.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X152D-	1/4"	0.2500	0.060	0.375	0.750	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X152E-	1/4"	0.2500	0.060	0.375	1.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.6.35A5X152I-	1/4"	0.2500	0.060	0.375	2.125	0.238	4.000	2.898	0.250	5	☺
★ MA377.7.93A5X038D-	5/16"	0.3125	0.015	0.437	1.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.7.93A5X038G-	5/16"	0.3125	0.015	0.437	2.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.7.93A5X076D-	5/16"	0.3125	0.030	0.437	1.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.7.93A5X076G-	5/16"	0.3125	0.030	0.437	2.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.7.93A5X152D-	5/16"	0.3125	0.060	0.437	1.125	0.297	4.000	2.898	0.3125	5	☺
★ MA377.7.93A5X152G-	5/16"	0.3125	0.060	0.437	2.125	0.297	4.000	2.898	0.3125	5	☺

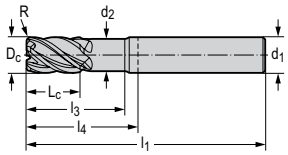
Ordering example for the grade WJ30EM: MA377.12.7A5D038D-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

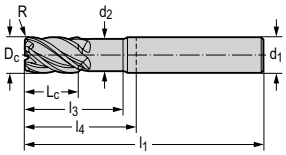
Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.9.53A5L038D-	3/8"	0.3750	0.015	0.500	1.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L038F-	3/8"	0.3750	0.015	0.500	2.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L051D-	3/8"	0.3750	0.020	0.500	1.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L051F-	3/8"	0.3750	0.020	0.500	2.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L076D-	3/8"	0.3750	0.030	0.500	1.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L076F-	3/8"	0.3750	0.030	0.500	2.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L152D-	3/8"	0.3750	0.060	0.500	1.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L152F-	3/8"	0.3750	0.060	0.500	2.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L305D-	3/8"	0.3750	0.120	0.500	1.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5L305F-	3/8"	0.3750	0.120	0.500	2.125	0.356	4.000	2.701	0.375	5	●●
★ MA377.9.53A5P038I-	3/8"	0.3750	0.015	0.500	3.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P038X-	3/8"	0.3750	0.015	0.500	4.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P051I-	3/8"	0.3750	0.020	0.500	3.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P051X-	3/8"	0.3750	0.020	0.500	4.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P076I-	3/8"	0.3750	0.030	0.500	3.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P076X-	3/8"	0.3750	0.030	0.500	4.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P152I-	3/8"	0.3750	0.060	0.500	3.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P152X-	3/8"	0.3750	0.060	0.500	4.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P305I-	3/8"	0.3750	0.120	0.500	3.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.9.53A5P305X-	3/8"	0.3750	0.120	0.500	4.125	0.356	6.000	4.701	0.375	5	●●
★ MA377.12.7A5D038D-	1/2"	0.5000	0.015	0.625	1.500	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D038E-	1/2"	0.5000	0.015	0.625	2.250	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D076D-	1/2"	0.5000	0.030	0.625	1.500	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D076E-	1/2"	0.5000	0.030	0.625	2.250	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D152D-	1/2"	0.5000	0.060	0.625	1.500	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D152E-	1/2"	0.5000	0.060	0.625	2.250	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D305D-	1/2"	0.5000	0.120	0.625	1.500	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D305E-	1/2"	0.5000	0.120	0.625	2.250	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5D483E-	1/2"	0.5000	0.190	0.625	2.250	0.475	4.000	2.504	0.500	5	●●
★ MA377.12.7A5X038G-	1/2"	0.5000	0.015	0.625	3.375	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X038I-	1/2"	0.5000	0.015	0.625	4.125	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X076G-	1/2"	0.5000	0.030	0.625	3.375	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X076I-	1/2"	0.5000	0.030	0.625	4.125	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X152G-	1/2"	0.5000	0.060	0.625	3.375	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X152I-	1/2"	0.5000	0.060	0.625	4.125	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X305G-	1/2"	0.5000	0.120	0.625	3.375	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X305I-	1/2"	0.5000	0.120	0.625	4.125	0.475	6.000	4.504	0.500	5	●●
★ MA377.12.7A5X483G-	1/2"	0.5000	0.190	0.625	3.375	0.475	6.000	4.504	0.500	5	●●
★ MA377.15.9A5L076C-	5/8"	0.6250	0.030	0.750	1.625	0.594	4.000	2.307	0.625	5	●●
★ MA377.15.9A5L152C-	5/8"	0.6250	0.060	0.750	1.625	0.594	4.000	2.307	0.625	5	●●
★ MA377.15.9A5L305C-	5/8"	0.6250	0.120	0.750	1.625	0.594	4.000	2.307	0.625	5	●●
★ MA377.15.9A5X076D-	5/8"	0.6250	0.030	0.750	2.375	0.594	6.000	4.307	0.625	5	●●
★ MA377.15.9A5X076F-	5/8"	0.6250	0.030	0.750	3.375	0.594	6.000	4.307	0.625	5	●●
★ MA377.15.9A5X076G-	5/8"	0.6250	0.030	0.750	4.125	0.594	6.000	4.307	0.625	5	●●
★ MA377.15.9A5X152D-	5/8"	0.6250	0.060	0.750	2.375	0.594	6.000	4.307	0.625	5	●●
★ MA377.15.9A5X152F-	5/8"	0.6250	0.060	0.750	3.375	0.594	6.000	4.307	0.625	5	●●
★ MA377.15.9A5X152G-	5/8"	0.6250	0.060	0.750	4.125	0.594	6.000	4.307	0.625	5	●●

Ordering example for the grade WJ30EM: MA377.12.7A5D038D-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA377.15.9A5X305D-	5/8"	0.6250	0.120	0.750	2.375	0.594	6.000	4.307	0.625	5	☺
★ MA377.15.9A5X305F-	5/8"	0.6250	0.120	0.750	3.375	0.594	6.000	4.307	0.625	5	☺
★ MA377.15.9A5X305G-	5/8"	0.6250	0.120	0.750	4.125	0.594	6.000	4.307	0.625	5	☺
★ MA377.19.1A5L038D-	3/4"	0.7500	0.015	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L038E-	3/4"	0.7500	0.015	1.000	3.375	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L038F-	3/4"	0.7500	0.015	1.000	4.125	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L076D-	3/4"	0.7500	0.030	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L076E-	3/4"	0.7500	0.030	1.000	3.375	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L076F-	3/4"	0.7500	0.030	1.000	4.125	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L152D-	3/4"	0.7500	0.060	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L152E-	3/4"	0.7500	0.060	1.000	3.375	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L152F-	3/4"	0.7500	0.060	1.000	4.125	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L305D-	3/4"	0.7500	0.120	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L305E-	3/4"	0.7500	0.120	1.000	3.375	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L305F-	3/4"	0.7500	0.120	1.000	4.125	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L483D-	3/4"	0.7500	0.190	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L483E-	3/4"	0.7500	0.190	1.000	3.375	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L635D-	3/4"	0.7500	0.250	1.000	2.500	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5L635F-	3/4"	0.7500	0.250	1.000	4.125	0.713	6.000	4.307	0.750	5	☺
★ MA377.19.1A5S076C-	3/4"	0.7500	0.030	1.000	2.000	0.713	4.000	2.307	0.750	5	☺
★ MA377.19.1A5S152C-	3/4"	0.7500	0.060	1.000	2.000	0.713	4.000	2.307	0.750	5	☺
★ MA377.19.1A5S305C-	3/4"	0.7500	0.120	1.000	2.000	0.713	4.000	2.307	0.750	5	☺
★ MA377.19.1A5X076G-	3/4"	0.7500	0.030	1.000	4.875	0.713	7.000	5.307	0.750	5	☺
★ MA377.19.1A5X152G-	3/4"	0.7500	0.060	1.000	4.875	0.713	7.000	5.307	0.750	5	☺
★ MA377.19.1A5X305G-	3/4"	0.7500	0.120	1.000	4.875	0.713	7.000	5.307	0.750	5	☺
★ MA377.25.4A5A076-	1"	1.0000	0.030	1.250	2.250	0.960	4.000	2.287	1.000	5	☺
★ MA377.25.4A5A152-	1"	1.0000	0.060	1.250	2.250	0.960	4.000	2.287	1.000	5	☺
★ MA377.25.4A5A305-	1"	1.0000	0.120	1.250	2.250	0.960	4.000	2.287	1.000	5	☺
★ MA377.25.4A5L076-	1"	1.0000	0.030	1.250	2.625	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L076D-	1"	1.0000	0.030	1.250	3.375	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L076E-	1"	1.0000	0.030	1.250	4.125	0.960	6.000	4.161	1.000	5	☺
★ MA377.25.4A5L152-	1"	1.0000	0.060	1.250	2.625	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L152D-	1"	1.0000	0.060	1.250	3.375	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L152E-	1"	1.0000	0.060	1.250	4.125	0.960	6.000	4.161	1.000	5	☺
★ MA377.25.4A5L305-	1"	1.0000	0.120	1.250	2.625	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L305D-	1"	1.0000	0.120	1.250	3.375	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L305E-	1"	1.0000	0.120	1.250	4.125	0.960	6.000	4.161	1.000	5	☺
★ MA377.25.4A5L483-	1"	1.0000	0.190	1.250	2.625	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L483D-	1"	1.0000	0.190	1.250	3.375	0.960	6.000	3.913	1.000	5	☺
★ MA377.25.4A5L952E-	1"	1.0000	0.375	1.250	4.125	0.960	6.000	4.161	1.000	5	☺
★ MA377.25.4A5X076E-	1"	1.0000	0.030	1.250	4.625	0.960	7.000	4.913	1.000	5	☺
★ MA377.25.4A5X152E-	1"	1.0000	0.060	1.250	4.625	0.960	7.000	4.913	1.000	5	☺
★ MA377.25.4A5X305E-	1"	1.0000	0.120	1.250	4.625	0.960	7.000	4.913	1.000	5	☺
★ MA377.25.4A5X952E-	1"	1.0000	0.375	1.250	4.625	0.960	7.000	4.913	1.000	5	☺

Ordering example for the grade WJ30EM: MA377.12.7A5D038D-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

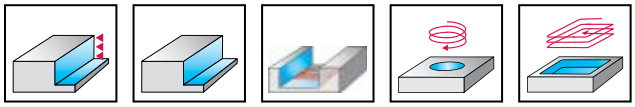
☺ 😐 ☹ / ★ = New addition to the product range

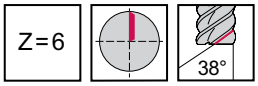
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

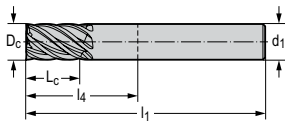


– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA377.9.53A6D-	3/8"	0.3750	1.000	3.000	1.701	0.375	6	
★ MA377.12.7A6S-	1/2"	0.5000	1.250	3.000	1.504	0.500	6	
★ MA377.15.9A6D-	5/8"	0.6250	1.250	3.500	1.807	0.625	6	
★ MA377.19.1A6S-	3/4"	0.7500	1.625	4.000	2.307	0.750	6	
★ MA377.25.4A6SC-	1"	1.0000	1.750	4.500	2.413	1.000	6	
★ MA377.31.7A6D-	1-1/4"	1.2500	2.250	5.000	2.795	1.250	6	

Ordering example for the grade WJ30EN: MA377.31.7A6D-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

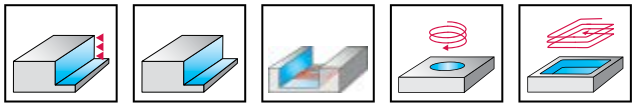
New addition to the product range = ☺ 😐 ☹ / ★

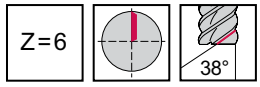
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

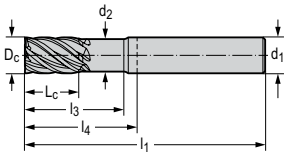


– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA377.12.7A6DE-	1/2"	0.5000	1.250	2.250	0.475	4.000	2.504	0.500	6	☺
★ MA377.12.7A6L152G-	1/2"	0.5000	1.250	3.000	0.475	5.000	3.504	0.500	6	☺
★ MA377.12.7A6LG-	1/2"	0.5000	1.250	3.000	0.475	5.000	3.504	0.500	6	☺
★ MA377.19.1A6DE-	3/4"	0.7500	1.625	3.000	0.713	5.000	3.307	0.750	6	☺
★ MA377.25.4A6LD-	1"	1.0000	1.750	3.250	0.960	5.500	3.413	1.000	6	☺

Ordering example for the grade WJ30EN: MA377.12.7A6DE-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

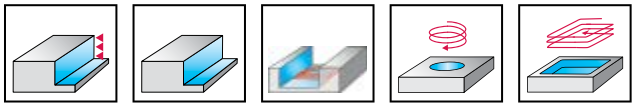
☺ 😐 ☹ / ★ = New addition to the product range

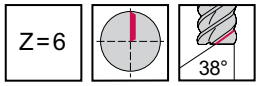
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

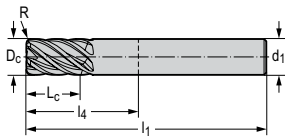


– corner radius
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA377.9.53A6D038-	3/8"	0.3750	0.015	1.000	3.000	1.701	0.375	6	
★ MA377.9.53A6D076-	3/8"	0.3750	0.030	1.000	3.000	1.701	0.375	6	
★ MA377.9.53A6D152-	3/8"	0.3750	0.060	1.000	3.000	1.701	0.375	6	
★ MA377.12.7A6S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	6	
★ MA377.12.7A6S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	6	
★ MA377.12.7A6S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	6	
★ MA377.12.7A6S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	6	
★ MA377.15.9A6D076-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	6	
★ MA377.15.9A6D152-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	6	
★ MA377.19.1A6S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	6	
★ MA377.19.1A6S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	6	
★ MA377.19.1A6S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	6	
★ MA377.25.4A6S076C-	1"	1.0000	0.030	1.750	4.500	2.413	1.000	6	
★ MA377.25.4A6S152C-	1"	1.0000	0.060	1.750	4.500	2.413	1.000	6	
★ MA377.25.4A6S305C-	1"	1.0000	0.120	1.750	4.500	2.413	1.000	6	
★ MA377.31.7A6D076-	1-1/4"	1.2500	0.030	2.250	5.000	2.795	1.250	6	

Ordering example for the grade WJ30EN: MA377.31.7A6D076-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

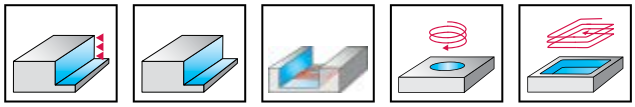
New addition to the product range = ☺ 😐 ☹ / ★

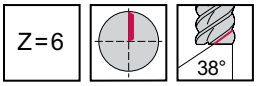
Solid carbide shoulder/slot milling cutters

MA377 Supreme inch

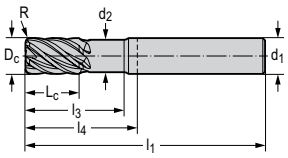


– corner radius
– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA377.9.53A6L038F-	3/8"	0.3750	0.015	1.000	1.875	0.356	4.000	2.701	0.375	6	☺
★ MA377.9.53A6L076F-	3/8"	0.3750	0.030	1.000	1.875	0.356	4.000	2.701	0.375	6	☺
★ MA377.12.7A6D076E-	1/2"	0.5000	0.030	1.250	2.250	0.475	4.000	2.504	0.500	6	☺
★ MA377.12.7A6D152E-	1/2"	0.5000	0.060	1.250	2.250	0.475	4.000	2.504	0.500	6	☺
★ MA377.12.7A6D305E-	1/2"	0.5000	0.120	1.250	2.250	0.475	4.000	2.504	0.500	6	☺
★ MA377.12.7A6L076G-	1/2"	0.5000	0.030	1.250	3.000	0.475	5.000	3.504	0.500	6	☺
★ MA377.12.7A6L305G-	1/2"	0.5000	0.120	1.250	3.000	0.475	5.000	3.504	0.500	6	☺
★ MA377.15.9A6L076D-	5/8"	0.6250	0.030	1.250	2.250	0.594	4.000	2.307	0.625	6	☺
★ MA377.15.9A6L152D-	5/8"	0.6250	0.060	1.250	2.250	0.594	4.000	2.307	0.625	6	☺
★ MA377.19.1A6D076E-	3/4"	0.7500	0.030	1.625	3.000	0.713	5.000	3.307	0.750	6	☺
★ MA377.19.1A6D152E-	3/4"	0.7500	0.060	1.625	3.000	0.713	5.000	3.307	0.750	6	☺
★ MA377.19.1A6D305E-	3/4"	0.7500	0.120	1.625	3.000	0.713	5.000	3.307	0.750	6	☺
★ MA377.25.4A6L076D-	1"	1.0000	0.030	1.750	3.250	0.960	5.500	3.413	1.000	6	☺
★ MA377.25.4A6L152D-	1"	1.0000	0.060	1.750	3.250	0.960	5.500	3.413	1.000	6	☺
★ MA377.25.4A6L305D-	1"	1.0000	0.120	1.750	3.250	0.960	5.500	3.413	1.000	6	☺

Ordering example for the grade WJ30EN: MA377.12.7A6D076E-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

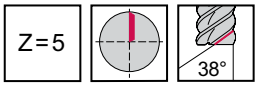
☺ 😐 ☹ / ★ = New addition to the product range

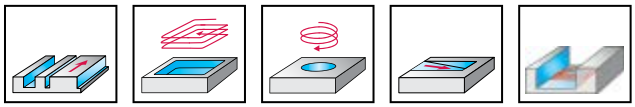
Solid carbide shoulder/slot milling cutters

MA373 Supreme inch

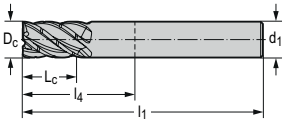


– chip breakers
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
★ MA373.6.35A5LX-	1/4"	0.2500	1.250	3.000	1.898	0.250	5	☹	
★ MA373.9.53A5DJ-	3/8"	0.3750	1.250	3.000	1.701	0.375	5	☹	
★ MA373.9.53A5S-	3/8"	0.3750	1.000	2.500	1.201	0.375	5		☹
★ MA373.12.7A5DK-	1/2"	0.5000	2.125	4.000	2.504	0.500	5	☹	
★ MA373.12.7A5S-	1/2"	0.5000	1.250	3.000	1.504	0.500	5		☹
★ MA373.15.9A5D-	5/8"	0.6250	1.625	3.500	1.807	0.625	5		☹
★ MA373.15.9A5DS-	5/8"	0.6250	1.250	3.500	1.807	0.625	5		☹
★ MA373.15.9A5LJ-	5/8"	0.6250	2.125	4.000	2.307	0.625	5	☹	
★ MA373.19.1A5DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	5		☹
★ MA373.19.1A5LK-	3/4"	0.7500	3.250	6.000	4.307	0.750	5	☹	
★ MA373.19.1A5S-	3/4"	0.7500	1.625	4.000	2.307	0.750	5		☹
★ MA373.25.4A5AC-	1"	1.0000	1.500	4.000	1.913	1.000	5		☹
★ MA373.25.4A5DC-	1"	1.0000	2.625	5.000	2.913	1.000	5		☹
★ MA373.25.4A5LJ-	1"	1.0000	3.250	6.000	3.913	1.000	5	☹	

Ordering example for the grade WJ30EN: MA373.12.7A5DK-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

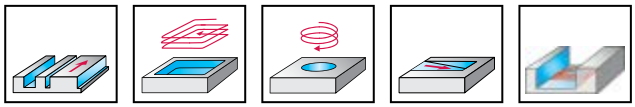
New addition to the product range = ☺ 😐 ☹ / ★

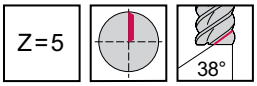
Solid carbide shoulder/slot milling cutters

MA373 Supreme inch

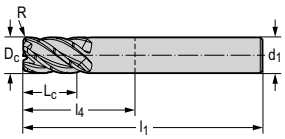


– corner radius
– chip breakers
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
★ MA373.6.35A5L038X-	1/4"	0.2500	0.015	1.250	3.000	1.898	0.250	5	😐	
★ MA373.6.35A5L076X-	1/4"	0.2500	0.030	1.250	3.000	1.898	0.250	5	😐	
★ MA373.9.53A5D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	5	😐	
★ MA373.9.53A5D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	5	😐	
★ MA373.9.53A5D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	5	😐	
★ MA373.12.7A5D038K-	1/2"	0.5000	0.015	2.125	4.000	2.504	0.500	5	😐	
★ MA373.12.7A5D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	5	😐	
★ MA373.12.7A5D076K-	1/2"	0.5000	0.030	2.125	4.000	2.504	0.500	5	😐	
★ MA373.12.7A5D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	5	😐	
★ MA373.12.7A5D152K-	1/2"	0.5000	0.060	2.125	4.000	2.504	0.500	5	😐	
★ MA373.12.7A5S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	5		😐
★ MA373.12.7A5S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	5		😐
★ MA373.12.7A5S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	5		😐
★ MA373.12.7A5S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	5		😐
★ MA373.12.7A5S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	5		😐
★ MA373.15.9A5D038-	5/8"	0.6250	0.015	1.625	3.500	1.807	0.625	5		😐
★ MA373.15.9A5D038S-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	5		😐
★ MA373.15.9A5D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	5		😐
★ MA373.15.9A5D076S-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	5		😐
★ MA373.15.9A5D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	5		😐
★ MA373.15.9A5D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	5		😐
★ MA373.15.9A5L038J-	5/8"	0.6250	0.015	2.125	4.000	2.307	0.625	5	😐	
★ MA373.15.9A5L076J-	5/8"	0.6250	0.030	2.125	4.000	2.307	0.625	5	😐	
★ MA373.15.9A5L152J-	5/8"	0.6250	0.060	2.125	4.000	2.307	0.625	5	😐	
★ MA373.19.1A5D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	5		😐
★ MA373.19.1A5D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	5		😐
★ MA373.19.1A5D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	5		😐
★ MA373.19.1A5D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	5		😐
★ MA373.19.1A5L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	5	😐	
★ MA373.19.1A5L076K-	3/4"	0.7500	0.030	3.250	6.000	4.307	0.750	5	😐	
★ MA373.19.1A5L152K-	3/4"	0.7500	0.060	3.250	6.000	4.307	0.750	5	😐	

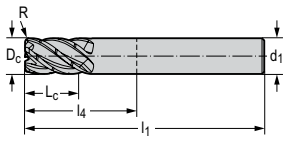
Ordering example for the grade WJ30EN: MA373.12.7A5D038K-WJ30EN

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

😊 😐 😞 / ★ = New addition to the product range



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN	WJ30EM
★ MA373.19.1A5L305K-	3/4"	0.7500	0.120	3.250	6.000	4.307	0.750	5	●●	
★ MA373.19.1A5S038-	3/4"	0.7500	0.015	1.625	4.000	2.307	0.750	5		●●
★ MA373.19.1A5S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	5		●●
★ MA373.19.1A5S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	5		●●
★ MA373.19.1A5S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	5		●●
★ MA373.25.4A5A038C-	1"	1.0000	0.015	1.500	4.000	1.913	1.000	5		●●
★ MA373.25.4A5A076C-	1"	1.0000	0.030	1.500	4.000	1.913	1.000	5		●●
★ MA373.25.4A5A152C-	1"	1.0000	0.060	1.500	4.000	1.913	1.000	5		●●
★ MA373.25.4A5A305C-	1"	1.0000	0.120	1.500	4.000	1.913	1.000	5		●●
★ MA373.25.4A5D038C-	1"	1.0000	0.015	2.625	5.000	2.913	1.000	5		●●
★ MA373.25.4A5D076C-	1"	1.0000	0.030	2.625	5.000	2.913	1.000	5		●●
★ MA373.25.4A5D152C-	1"	1.0000	0.060	2.625	5.000	2.913	1.000	5		●●
★ MA373.25.4A5D305C-	1"	1.0000	0.120	2.625	5.000	2.913	1.000	5		●●
★ MA373.25.4A5L038J-	1"	1.0000	0.015	3.250	6.000	3.913	1.000	5	●●	
★ MA373.25.4A5L076J-	1"	1.0000	0.030	3.250	6.000	3.913	1.000	5	●●	
★ MA373.25.4A5L152J-	1"	1.0000	0.060	3.250	6.000	3.913	1.000	5	●●	
★ MA373.25.4A5L305J-	1"	1.0000	0.120	3.250	6.000	3.913	1.000	5	●●	
★ MA373.25.4A5X635K-	1"	1.0000	0.250	4.250	7.000	4.913	1.000	5	●●	

Ordering example for the grade WJ30EN: MA373.12.7A5D038K-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

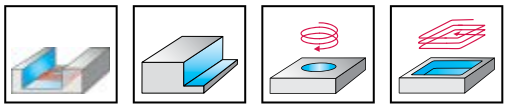
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

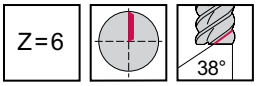
Solid carbide shoulder/slot milling cutters

MA373 Supreme inch

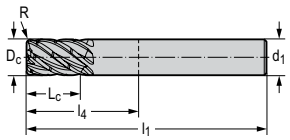


– corner radius
– chip breakers
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA373.9.53A6D076-	3/8"	0.3750	0.030	1.000	3.000	1.701	0.375	6	
★ MA373.9.53A6D152-	3/8"	0.3750	0.060	1.000	3.000	1.701	0.375	6	
★ MA373.12.7A6S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	6	
★ MA373.12.7A6S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	6	
★ MA373.12.7A6S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	6	
★ MA373.15.9A6D076-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	6	
★ MA373.15.9A6D152-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	6	
★ MA373.19.1A6S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	6	
★ MA373.19.1A6S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	6	
★ MA373.19.1A6S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	6	
★ MA373.25.4A6S076C-	1"	1.0000	0.030	1.750	4.500	2.413	1.000	6	
★ MA373.25.4A6S152C-	1"	1.0000	0.060	1.750	4.500	2.413	1.000	6	
★ MA373.25.4A6S305C-	1"	1.0000	0.120	1.750	4.500	2.413	1.000	6	

Ordering example for the grade WJ30EN: MA373.12.7A6S076-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

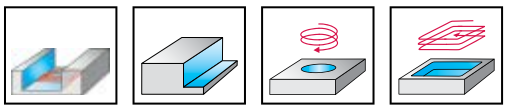
★ = New addition to the product range

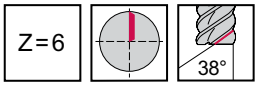
Solid carbide shoulder/slot milling cutters

MA373 Supreme inch

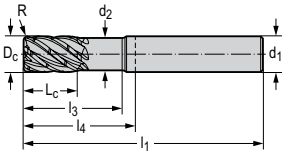


– corner radius
– chip breakers
– reduced neck
– specialist for Ti based alloys





	P	M	K	N	S	H	O
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EN
★ MA373.9.53A6L076F-	3/8"	0.3750	0.030	1.000	1.875	0.356	4.000	2.701	0.375	6	
★ MA373.12.7A6D076E-	1/2"	0.5000	0.030	1.250	2.250	0.475	4.000	2.504	0.500	6	
★ MA373.12.7A6D152E-	1/2"	0.5000	0.060	1.250	2.250	0.475	4.000	2.504	0.500	6	
★ MA373.12.7A6D305E-	1/2"	0.5000	0.120	1.250	2.250	0.475	4.000	2.504	0.500	6	
★ MA373.12.7A6L076G-	1/2"	0.5000	0.030	1.250	3.000	0.475	5.000	3.504	0.500	6	
★ MA373.12.7A6L152G-	1/2"	0.5000	0.060	1.250	3.000	0.475	5.000	3.504	0.500	6	
★ MA373.12.7A6L305G-	1/2"	0.5000	0.120	1.250	3.000	0.475	5.000	3.504	0.500	6	
★ MA373.15.9A6L076D-	5/8"	0.6250	0.030	1.250	2.250	0.594	4.000	2.307	0.625	6	
★ MA373.15.9A6L152D-	5/8"	0.6250	0.060	1.250	2.250	0.594	4.000	2.307	0.625	6	
★ MA373.19.1A6D076E-	3/4"	0.7500	0.030	1.625	3.000	0.713	5.000	3.307	0.750	6	
★ MA373.19.1A6D152E-	3/4"	0.7500	0.060	1.625	3.000	0.713	5.000	3.307	0.750	6	
★ MA373.19.1A6D305E-	3/4"	0.7500	0.120	1.625	3.000	0.713	5.000	3.307	0.750	6	
★ MA373.25.4A6L076D-	1"	1.0000	0.030	1.750	3.250	0.960	5.500	3.413	1.000	6	
★ MA373.25.4A6L152D-	1"	1.0000	0.060	1.750	3.250	0.960	5.500	3.413	1.000	6	
★ MA373.25.4A6L305D-	1"	1.0000	0.120	1.750	3.250	0.960	5.500	3.413	1.000	6	

Ordering example for the grade WJ30EN: MA373.12.7A6D076E-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

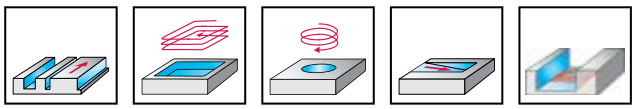
New addition to the product range = ☺ 😐 ☹ / ★

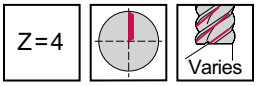
Solid carbide shoulder/slot milling cutters

MA375 Supreme inch

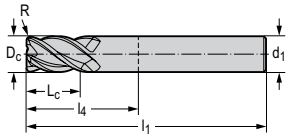


– corner radius
– specialist for Ni based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA375.3.18A4D038K-	1/8"	0.1250	0.015	0.500	2.000	1.37	0.125	4		☺
★ MA375.3.18A4D076K-	1/8"	0.1250	0.030	0.500	2.000	1.37	0.125	4	☺	
★ MA375.3.18A4S038-	1/8"	0.1250	0.015	0.250	1.500	0.87	0.125	4	☺	
★ MA375.3.18A4S076-	1/8"	0.1250	0.030	0.250	1.500	0.87	0.125	4	☺	
★ MA375.4.76A4D038-	3/16"	0.1875	0.015	0.312	2.000	1.134	0.1875	4	☺	
★ MA375.4.76A4D076-	3/16"	0.1875	0.030	0.312	2.000	1.134	0.1875	4	☺	
★ MA375.4.76A4L038J-	3/16"	0.1875	0.015	0.562	2.500	1.634	0.1875	4	☺	
★ MA375.4.76A4L076J-	3/16"	0.1875	0.030	0.562	2.500	1.634	0.1875	4	☺	
★ MA375.6.35A4D038-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	4	☺	
★ MA375.6.35A4D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	4	☺	
★ MA375.6.35A4D076-	1/4"	0.2500	0.030	0.500	2.500	1.398	0.250	4	☺	
★ MA375.6.35A4D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	4	☺	
★ MA375.6.35A4D152-	1/4"	0.2500	0.060	0.500	2.500	1.398	0.250	4	☺	
★ MA375.6.35A4D152J-	1/4"	0.2500	0.060	0.750	2.500	1.398	0.250	4	☺	
★ MA375.6.35A4L038K-	1/4"	0.2500	0.015	1.000	3.000	1.898	0.250	4		☺
★ MA375.6.35A4L076K-	1/4"	0.2500	0.030	1.000	3.000	1.898	0.250	4		☺
★ MA375.6.35A4L152K-	1/4"	0.2500	0.060	1.000	3.000	1.898	0.250	4		☺
★ MA375.6.35A4S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	4	☺	
★ MA375.6.35A4S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	4	☺	
★ MA375.6.35A4S152-	1/4"	0.2500	0.060	0.375	2.000	0.898	0.250	4	☺	
★ MA375.7.93A4D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	4	☺	
★ MA375.7.93A4D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	4	☺	
★ MA375.7.93A4D152-	5/16"	0.3125	0.060	0.812	2.500	1.398	0.3125	4	☺	
★ MA375.7.93A4S038-	5/16"	0.3125	0.015	0.437	2.000	0.898	0.3125	4	☺	
★ MA375.7.93A4S076-	5/16"	0.3125	0.030	0.437	2.000	0.898	0.3125	4	☺	
★ MA375.7.93A4S152-	5/16"	0.3125	0.060	0.437	2.000	0.898	0.3125	4	☺	
★ MA375.9.53A4A076-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	4	☺	
★ MA375.9.53A4A152-	3/8"	0.3750	0.060	0.500	2.000	0.701	0.375	4	☺	
★ MA375.9.53A4A305-	3/8"	0.3750	0.120	0.500	2.000	0.701	0.375	4	☺	
★ MA375.9.53A4D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	4	☺	
★ MA375.9.53A4D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	4	☺	

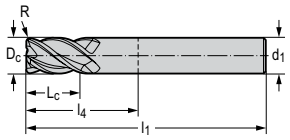
Ordering example for the grade WJ30EM: MA375.12.7A4A038-WJ30EM

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA375.9.53A4D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	4	☹	
★ MA375.9.53A4D305J-	3/8"	0.3750	0.120	1.250	3.000	1.701	0.375	4	☹	
★ MA375.9.53A4S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	4	☹	
★ MA375.9.53A4S038S-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	4	☹	
★ MA375.9.53A4S076-	3/8"	0.3750	0.030	1.000	2.500	1.201	0.375	4	☹	
★ MA375.9.53A4S152-	3/8"	0.3750	0.060	1.000	2.500	1.201	0.375	4	☹	
★ MA375.9.53A4S305-	3/8"	0.3750	0.120	1.000	2.500	1.201	0.375	4	☹	
★ MA375.12.7A4A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	4	☹	
★ MA375.12.7A4A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	4	☹	
★ MA375.12.7A4A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	4	☹	
★ MA375.12.7A4A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	4	☹	
★ MA375.12.7A4D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	4	☹	
★ MA375.12.7A4D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	4	☹	
★ MA375.12.7A4D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	4	☹	
★ MA375.12.7A4D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	4	☹	
★ MA375.12.7A4S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	4	☹	
★ MA375.12.7A4S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	4	☹	

Ordering example for the grade WJ30EM: MA375.12.7A4A038-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

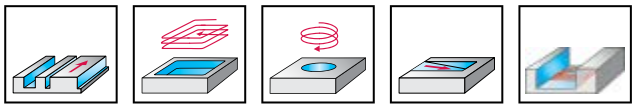
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

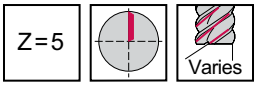
Solid carbide shoulder/slot milling cutters

MA375 Supreme inch

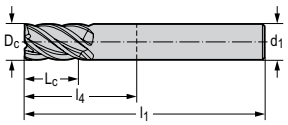


– specialist for Ni based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
 ★ MA375.12.7A5A-	1/2"	0.5000	0.625	2.500	1.004	0.500	5	☻

Cylindrical shank

Ordering example for the grade WJ30EM: MA375.12.7A5A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

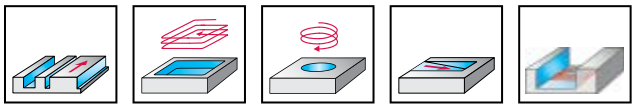
☻ 😐 ☹ / ★ = New addition to the product range

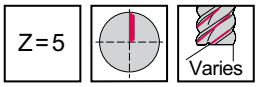
Solid carbide shoulder/slot milling cutters

MA375 Supreme inch

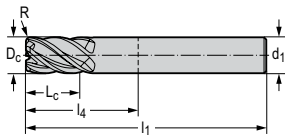


– corner radius
– specialist for Ni based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		
WJ30EN (AlCrSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA375.6.35A5D038-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	5	☹	
★ MA375.6.35A5D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	5	☹	
★ MA375.6.35A5D076-	1/4"	0.2500	0.030	0.500	2.500	1.398	0.250	5	☹	
★ MA375.6.35A5D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	5	☹	
★ MA375.6.35A5D152-	1/4"	0.2500	0.060	0.500	2.500	1.398	0.250	5	☹	
★ MA375.6.35A5D152J-	1/4"	0.2500	0.060	0.750	2.500	1.398	0.250	5	☹	
★ MA375.6.35A5L038K-	1/4"	0.2500	0.015	1.000	3.000	1.898	0.250	5		☹
★ MA375.6.35A5L076K-	1/4"	0.2500	0.030	1.000	3.000	1.898	0.250	5		☹
★ MA375.6.35A5L152K-	1/4"	0.2500	0.060	1.000	3.000	1.898	0.250	5		☹
★ MA375.6.35A5S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	5	☹	
★ MA375.6.35A5S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	5	☹	
★ MA375.6.35A5S152-	1/4"	0.2500	0.060	0.375	2.000	0.898	0.250	5	☹	
★ MA375.7.93A5D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	5	☹	
★ MA375.7.93A5D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	5	☹	
★ MA375.7.93A5D152-	5/16"	0.3125	0.060	0.812	2.500	1.398	0.3125	5	☹	
★ MA375.7.93A5S038-	5/16"	0.3125	0.015	0.437	2.000	0.898	0.3125	5	☹	
★ MA375.7.93A5S076-	5/16"	0.3125	0.030	0.437	2.000	0.898	0.3125	5	☹	
★ MA375.7.93A5S152-	5/16"	0.3125	0.060	0.437	2.000	0.898	0.3125	5	☹	
★ MA375.9.53A5A038-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	5	☹	
★ MA375.9.53A5A076-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	5	☹	
★ MA375.9.53A5A152-	3/8"	0.3750	0.060	0.500	2.000	0.701	0.375	5	☹	
★ MA375.9.53A5A305-	3/8"	0.3750	0.120	0.500	2.000	0.701	0.375	5	☹	
★ MA375.9.53A5D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	5	☹	
★ MA375.9.53A5D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	5	☹	
★ MA375.9.53A5D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	5	☹	
★ MA375.9.53A5D305J-	3/8"	0.3750	0.120	1.250	3.000	1.701	0.375	5	☹	
★ MA375.9.53A5S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	5	☹	
★ MA375.9.53A5S076-	3/8"	0.3750	0.030	1.000	2.500	1.201	0.375	5	☹	
★ MA375.9.53A5S152-	3/8"	0.3750	0.060	1.000	2.500	1.201	0.375	5	☹	
★ MA375.9.53A5S305-	3/8"	0.3750	0.120	1.000	2.500	1.201	0.375	5	☹	
★ MA375.12.7A5A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	5	☹	

Ordering example for the grade WJ30EM: MA375.12.7A5A038-WJ30EM

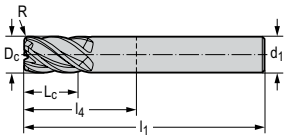
WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

D1

New addition to the product range = ☺ 😐 ☹ / ★



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA375.12.7A5A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	5	☹	
★ MA375.12.7A5A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	5	☹	
★ MA375.12.7A5A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	5	☹	
★ MA375.12.7A5D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	5	☹	
★ MA375.12.7A5D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	5	☹	
★ MA375.12.7A5D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	5	☹	
★ MA375.12.7A5D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	5	☹	
★ MA375.12.7A5S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	5	☹	
★ MA375.12.7A5S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	5	☹	
★ MA375.15.9A5D038-	5/8"	0.6250	0.015	1.625	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D038S-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D076S-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D305-	5/8"	0.6250	0.120	1.625	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5D305S-	5/8"	0.6250	0.120	1.250	3.500	1.807	0.625	5	☹	
★ MA375.15.9A5S038-	5/8"	0.6250	0.015	0.750	3.000	1.307	0.625	5	☹	
★ MA375.15.9A5S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	5	☹	
★ MA375.15.9A5S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	5	☹	
★ MA375.15.9A5S305-	5/8"	0.6250	0.120	0.750	3.000	1.307	0.625	5	☹	
★ MA375.19.1A5A038-	3/4"	0.7500	0.015	1.000	3.000	1.307	0.750	5	☹	
★ MA375.19.1A5A076-	3/4"	0.7500	0.030	1.000	3.000	1.307	0.750	5	☹	
★ MA375.19.1A5A152-	3/4"	0.7500	0.060	1.000	3.000	1.307	0.750	5	☹	
★ MA375.19.1A5A305-	3/4"	0.7500	0.120	1.000	3.000	1.307	0.750	5	☹	
★ MA375.19.1A5D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	5	☹	
★ MA375.19.1A5D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	5	☹	
★ MA375.19.1A5D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	5	☹	
★ MA375.19.1A5D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	5	☹	

Ordering example for the grade WJ30EM: MA375.12.7A5A038-WJ30EM

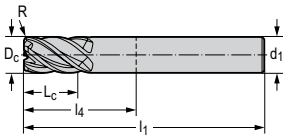
D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM	WJ30EN
★ MA375.19.1A5S038-	3/4"	0.7500	0.015	1.625	4.000	2.307	0.750	5	●	
★ MA375.19.1A5S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	5	●	
★ MA375.19.1A5S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	5	●	
★ MA375.19.1A5S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	5	●	
★ MA375.25.4A5A038C-	1"	1.0000	0.015	1.500	4.000	1.913	1.000	5	●	
★ MA375.25.4A5A076C-	1"	1.0000	0.030	1.500	4.000	1.913	1.000	5	●	
★ MA375.25.4A5A152C-	1"	1.0000	0.060	1.500	4.000	1.913	1.000	5	●	
★ MA375.25.4A5A305C-	1"	1.0000	0.120	1.500	4.000	1.913	1.000	5	●	

Ordering example for the grade WJ30EM: MA375.12.7A5A038-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

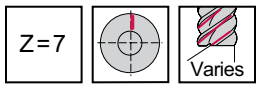
Solid carbide shoulder/slot milling cutters

MA375 Supreme inch

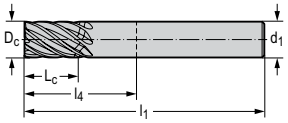


– specialist for Ni based alloys and hardened Inconel





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA375.6.35A7D-	1/4"	0.2500	0.500	2.500	1.398	0.250	7	☺
★ MA375.6.35A7DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	7	☺
★ MA375.6.35A7S-	1/4"	0.2500	0.375	2.000	0.898	0.250	7	☺
★ MA375.7.93A7D-	5/16"	0.3125	0.812	2.500	1.398	0.3125	7	☺
★ MA375.7.93A7S-	5/16"	0.3125	0.437	2.000	0.898	0.3125	7	☺
★ MA375.9.53A7A-	3/8"	0.3750	0.500	2.000	0.701	0.375	7	☺
★ MA375.9.53A7DJ-	3/8"	0.3750	1.250	3.000	1.701	0.375	7	☺
★ MA375.9.53A7S-	3/8"	0.3750	1.000	2.500	1.201	0.375	7	☺
★ MA375.12.7A7A-	1/2"	0.5000	0.625	2.500	1.004	0.500	7	☺
★ MA375.12.7A7DJ-	1/2"	0.5000	1.625	4.000	2.504	0.500	7	☺
★ MA375.12.7A7S-	1/2"	0.5000	1.250	3.000	1.504	0.500	7	☺
★ MA375.12.7A7SS-	1/2"	0.5000	1.000	3.000	1.504	0.500	7	☺
★ MA375.15.9A7D-	5/8"	0.6250	1.625	3.500	1.807	0.625	7	☺
★ MA375.15.9A7DS-	5/8"	0.6250	1.250	3.500	1.807	0.625	7	☺
★ MA375.15.9A7S-	5/8"	0.6250	0.750	3.000	1.307	0.625	7	☺
★ MA375.19.1A7A-	3/4"	0.7500	1.000	3.000	1.307	0.750	7	☺
★ MA375.19.1A7DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	7	☺
★ MA375.19.1A7S-	3/4"	0.7500	1.625	4.000	2.307	0.750	7	☺
★ MA375.25.4A7AC-	1"	1.0000	1.500	4.000	1.913	1.000	7	☺

Ordering example for the grade WJ30EM: MA375.12.7A7A-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

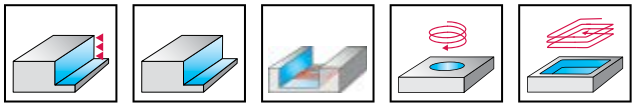
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MA375 Supreme inch

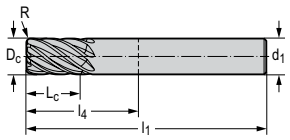


– corner radius
– specialist for Ni based alloys





	P	M	K	N	S	H	O
WJ30EM (AlTiSiN+)	●	●			●●		



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA375.6.35A7D038-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	7	☺
★ MA375.6.35A7D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	7	☺
★ MA375.6.35A7D076-	1/4"	0.2500	0.030	0.500	2.500	1.398	0.250	7	☺
★ MA375.6.35A7D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	7	☺
★ MA375.6.35A7S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	7	☺
★ MA375.6.35A7S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	7	☺
★ MA375.7.93A7D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	7	☺
★ MA375.7.93A7D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	7	☺
★ MA375.7.93A7S038-	5/16"	0.3125	0.015	0.437	2.000	0.898	0.3125	7	☺
★ MA375.7.93A7S076-	5/16"	0.3125	0.030	0.437	2.000	0.898	0.3125	7	☺
★ MA375.9.53A7A038-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	7	☺
★ MA375.9.53A7A076-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	7	☺
★ MA375.9.53A7A152-	3/8"	0.3750	0.060	0.500	2.000	0.701	0.375	7	☺
★ MA375.9.53A7D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	7	☺
★ MA375.9.53A7D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	7	☺
★ MA375.9.53A7D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	7	☺
★ MA375.9.53A7D305J-	3/8"	0.3750	0.120	1.250	3.000	1.701	0.375	7	☺
★ MA375.9.53A7S038-	3/8"	0.3750	0.015	1.000	2.500	1.201	0.375	7	☺
★ MA375.9.53A7S076-	3/8"	0.3750	0.030	1.000	2.500	1.201	0.375	7	☺
★ MA375.9.53A7S152-	3/8"	0.3750	0.060	1.000	2.500	1.201	0.375	7	☺
★ MA375.12.7A7A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	7	☺
★ MA375.12.7A7A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	7	☺
★ MA375.12.7A7A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	7	☺
★ MA375.12.7A7A229-	1/2"	0.5000	0.090	0.625	2.500	1.004	0.500	7	☺
★ MA375.12.7A7A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	7	☺
★ MA375.12.7A7D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	7	☺
★ MA375.12.7A7D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	7	☺
★ MA375.12.7A7D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	7	☺
★ MA375.12.7A7D229J-	1/2"	0.5000	0.090	1.625	4.000	2.504	0.500	7	☺
★ MA375.12.7A7D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	7	☺
★ MA375.12.7A7S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	7	☺
★ MA375.12.7A7S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	7	☺
★ MA375.12.7A7S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	7	☺
★ MA375.12.7A7S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	7	☺
★ MA375.12.7A7S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	7	☺
★ MA375.12.7A7S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	7	☺

Ordering example for the grade WJ30EM: MA375.12.7A7A038-WJ30EM

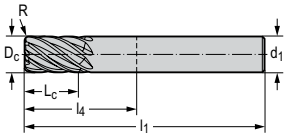
WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

D1

New addition to the product range = ☺ 😐 ☹ / ★



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30EM
★ MA375.12.7A7S229-	1/2"	0.5000	0.090	1.250	3.000	1.504	0.500	7	
★ MA375.12.7A7S229S-	1/2"	0.5000	0.090	1.000	3.000	1.504	0.500	7	
★ MA375.12.7A7S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	7	
★ MA375.12.7A7S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	7	
★ MA375.15.9A7D038-	5/8"	0.6250	0.015	1.625	3.500	1.807	0.625	7	
★ MA375.15.9A7D038S-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	7	
★ MA375.15.9A7D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	7	
★ MA375.15.9A7D076S-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	7	
★ MA375.15.9A7D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	7	
★ MA375.15.9A7D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	7	
★ MA375.15.9A7D229-	5/8"	0.6250	0.090	1.625	3.500	1.807	0.625	7	
★ MA375.15.9A7D229S-	5/8"	0.6250	0.090	1.250	3.500	1.807	0.625	7	
★ MA375.15.9A7D305-	5/8"	0.6250	0.120	1.625	3.500	1.807	0.625	7	
★ MA375.15.9A7D305S-	5/8"	0.6250	0.120	1.250	3.500	1.807	0.625	7	
★ MA375.15.9A7S038-	5/8"	0.6250	0.015	0.750	3.000	1.307	0.625	7	
★ MA375.15.9A7S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	7	
★ MA375.15.9A7S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	7	
★ MA375.15.9A7S229-	5/8"	0.6250	0.090	0.750	3.000	1.307	0.625	7	
★ MA375.15.9A7S305-	5/8"	0.6250	0.120	0.750	3.000	1.307	0.625	7	
★ MA375.19.1A7A038-	3/4"	0.7500	0.015	1.000	3.000	1.307	0.750	7	
★ MA375.19.1A7A076-	3/4"	0.7500	0.030	1.000	3.000	1.307	0.750	7	
★ MA375.19.1A7A152-	3/4"	0.7500	0.060	1.000	3.000	1.307	0.750	7	
★ MA375.19.1A7A229-	3/4"	0.7500	0.090	1.000	3.000	1.307	0.750	7	
★ MA375.19.1A7A305-	3/4"	0.7500	0.120	1.000	3.000	1.307	0.750	7	
★ MA375.19.1A7D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	7	
★ MA375.19.1A7D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	7	
★ MA375.19.1A7D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	7	
★ MA375.19.1A7D229J-	3/4"	0.7500	0.090	2.250	5.000	3.307	0.750	7	
★ MA375.19.1A7D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	7	
★ MA375.19.1A7S038-	3/4"	0.7500	0.015	1.625	4.000	2.307	0.750	7	
★ MA375.19.1A7S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	7	
★ MA375.19.1A7S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	7	
★ MA375.19.1A7S229-	3/4"	0.7500	0.090	1.625	4.000	2.307	0.750	7	
★ MA375.19.1A7S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	7	
★ MA375.25.4A7A038C-	1"	1.0000	0.015	1.500	4.000	1.913	1.000	7	
★ MA375.25.4A7A076C-	1"	1.0000	0.030	1.500	4.000	1.913	1.000	7	
★ MA375.25.4A7A152C-	1"	1.0000	0.060	1.500	4.000	1.913	1.000	7	
★ MA375.25.4A7A229C-	1"	1.0000	0.090	1.500	4.000	1.913	1.000	7	
★ MA375.25.4A7A305C-	1"	1.0000	0.120	1.500	4.000	1.913	1.000	7	

Ordering example for the grade WJ30EM: MA375.12.7A7A038-WJ30EM

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

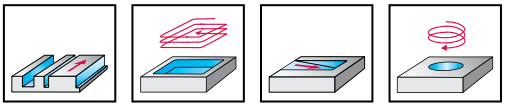
☺ 😐 ☹ / ★ = New addition to the product range

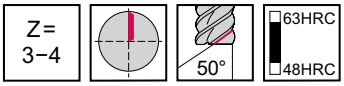
Solid carbide shoulder/slot milling cutter

MC388 Advance inch



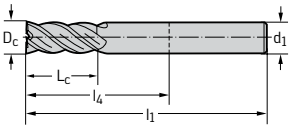
– specialist for hardened materials





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

PWZ-NORM L



Cylindrical shank

Designation	d_c h10	d_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L-	1/8"	0.1250	0.500	2.500	1.083	0.250	3	☺
MC388.6.35A4L-	1/4"	0.2500	0.750	2.500	1.083	0.250	4	☺
MC388.9.53A4L-	3/8"	0.3750	0.875	3.000	1.437	0.375	4	☺
MC388.12.7A4L-	1/2"	0.5000	1.000	3.500	1.717	0.500	4	☺

Ordering example for the grade WB10TG: MC388.12.7A4L-WB10TG
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

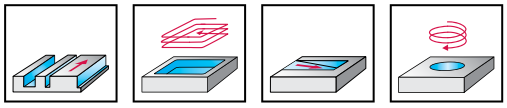
New addition to the product range = ☺ 😐 ☹ / ★

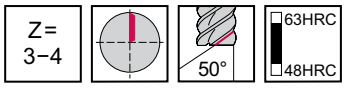
Solid carbide shoulder/slot milling cutter

MC388 Advance inch



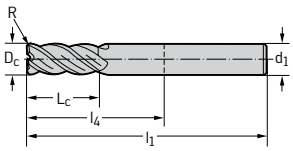
– corner radius
– specialist for hardened materials





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

PWZ-NORM L



Cylindrical shank

Designation	d_c h10	d_c h10	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L038-	1/8"	0.1250	0.015	0.500	2.500	1.083	0.250	3	☻
MC388.9.53A4L076-	3/8"	0.3750	0.030	0.875	3.000	1.437	0.375	4	☻
MC388.12.7A4L076-	1/2"	0.5000	0.030	1.000	3.500	1.717	0.500	4	☻

Ordering example for the grade WB10TG: MC388.12.7A4L076-WB10TG
Shoulder milling $a_e \leq 0.3 \times D_c$
Slot milling $a_p \leq 0.9 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

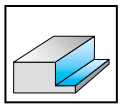
☻ 😐 ☹ / ★ = New addition to the product range

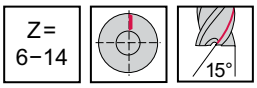
Solid carbide shoulder/slot milling cutters

MA290 Advance inch

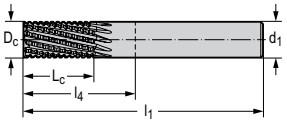


– composite router





	P	M	K	N	S	H	O
WE10DB (CVD-DIA)							●●
WJ30DD (DLC)							●●



Cylindrical shank

Designation	d_c	d_c inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WE10DB	WJ30DD
★ MA290.3.18A6S-	1/8"	0.1250	0.250	1.500	0.87	0.125	6	☺	☺
★ MA290.3.18A6SK-	1/8"	0.1250	0.500	1.500	0.87	0.125	6	☺	☺
★ MA290.4.76A8D-	3/16"	0.1875	0.375	2.000	1.134	0.1875	8	☺	☺
★ MA290.4.76A8DK-	3/16"	0.1875	0.750	2.000	1.134	0.1875	8	☺	☺
★ MA290.6.35A10D-	1/4"	0.2500	0.500	2.500	1.398	0.250	10	☺	☺
★ MA290.6.35A10DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	10	☺	☺
★ MA290.6.35A10LK-	1/4"	0.2500	1.000	3.000	1.898	0.250	10	☺	☺
★ MA290.7.93A10DJ-	5/16"	0.3125	1.000	2.500	1.398	0.3125	10	☺	☺
★ MA290.9.53A12DJ-	3/8"	0.3750	1.125	3.000	1.701	0.375	12	☺	☺
★ MA290.9.53A12S-	3/8"	0.3750	0.750	2.500	1.201	0.375	12	☺	☺
★ MA290.12.7A14DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	14	☺	☺
★ MA290.12.7A14S-	1/2"	0.5000	1.000	3.000	1.504	0.500	14	☺	☺

Ordering example for the grade WE10DB: MA290.12.7A14DK-WE10DB

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MA290 Advance mm

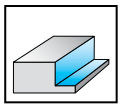


Z= 6–14

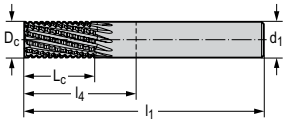




– composite router



	P	M	K	N	S	H	O
WE10DB (CVD-DIA)							●●
WJ30DD (DLC)							●●



DIN 6535 HA

Designation	d_c mm	L_c mm	l_1 mm	l_4 mm	d1 h6	Z	WE10DB	WJ30DD
★ MA290-03.0A6S-	3	6	38	22	3	6	☺	☺
★ MA290-03.0A6SK-	3	12	38	22	3	6	☺	☺
★ MA290-05.0A8D-	5	10	50	28	5	8	☺	☺
★ MA290-05.0A8DK-	5	20	50	28	5	8	☺	☺
★ MA290-06.0A10D-	6	12	63	35	6	10	☺	☺
★ MA290-06.0A10DJ-	6	20	63	35	6	10	☺	☺
★ MA290-08.0A10S-	8	20	63	35	8	10	☺	☺
★ MA290-10.0A12D-	10	20	70	37	10	12	☺	☺
★ MA290-10.0A12DJ-	10	30	70	37	10	12	☺	☺
★ MA290-12.0A14D-	12	25	75	37	12	14	☺	☺
★ MA290-12.0A14LK-	12	50	100	62	12	14	☺	☺

Ordering example for the grade WE10DB: MA290-03.0A6S-WE10DB

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

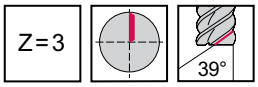
☺ 😐 ☹ / ★ = New addition to the product range

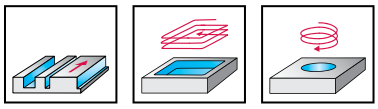
Solid carbide shoulder/slot milling cutters

MA268 Advance inch

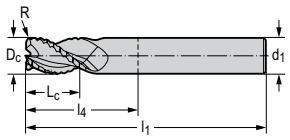


– corner radius
– roughing profile - medium





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

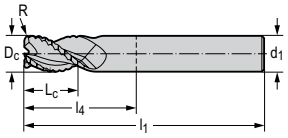
Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA268.6.35A3D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	3		
★ MA268.6.35A3L076K-	1/4"	0.2500	0.030	1.000	3.000	1.898	0.250	3		
★ MA268.9.53A3D076-	3/8"	0.3750	0.030	1.000	3.000	1.701	0.375	3		
★ MA268.9.53A3S076-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	3		
★ MA268.12.7A3A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	3		
★ MA268.12.7A3A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	3		
★ MA268.12.7A3A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	3		
★ MA268.12.7A3D076K-	1/2"	0.5000	0.030	2.000	4.000	2.504	0.500	3		
★ MA268.12.7A3D152K-	1/2"	0.5000	0.060	2.000	4.000	2.504	0.500	3		
★ MA268.12.7A3D305K-	1/2"	0.5000	0.120	2.000	4.000	2.504	0.500	3		
★ MA268.12.7A3S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	3		
★ MA268.12.7A3S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	3		
★ MA268.12.7A3S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	3		
★ MA268.12.7A3S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	3		
★ MA268.12.7A3S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	3		
★ MA268.12.7A3S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	3		
★ MA268.15.9A3D076-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	3		
★ MA268.15.9A3D152-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	3		
★ MA268.15.9A3D305-	5/8"	0.6250	0.120	1.250	3.500	1.807	0.625	3		
★ MA268.15.9A3S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	3		
★ MA268.15.9A3S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	3		
★ MA268.15.9A3S305-	5/8"	0.6250	0.120	0.750	3.000	1.307	0.625	3		
★ MA268.19.1A3D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	3		
★ MA268.19.1A3D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	3		
★ MA268.19.1A3D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	3		
★ MA268.19.1A3L076-	3/4"	0.7500	0.030	1.375	6.000	4.307	0.750	3		
★ MA268.19.1A3L152-	3/4"	0.7500	0.060	1.375	6.000	4.307	0.750	3		
★ MA268.19.1A3L305-	3/4"	0.7500	0.120	1.375	6.000	4.307	0.750	3		
★ MA268.19.1A3S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	3		
★ MA268.19.1A3S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	3		
★ MA268.19.1A3S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	3		

Ordering example for the grade WJ30CD: MA268.12.7A3A076-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA268.25.4A3A076C-	1"	1.0000	0.030	1.250	4.000	1.913	1.000	3	☺	☺
★ MA268.25.4A3A152C-	1"	1.0000	0.060	1.250	4.000	1.913	1.000	3	☺	☺
★ MA268.25.4A3A305C-	1"	1.0000	0.120	1.250	4.000	1.913	1.000	3	☺	☺
★ MA268.25.4A3D076C-	1"	1.0000	0.030	2.000	5.000	2.913	1.000	3	☺	☺
★ MA268.25.4A3D152C-	1"	1.0000	0.060	2.000	5.000	2.913	1.000	3	☺	☺
★ MA268.25.4A3D305C-	1"	1.0000	0.120	2.000	5.000	2.913	1.000	3	☺	☺
★ MA268.25.4A3L076C-	1"	1.0000	0.030	1.500	6.000	3.913	1.000	3	☺	☺
★ MA268.25.4A3L152C-	1"	1.0000	0.060	1.500	6.000	3.913	1.000	3	☺	☺
★ MA268.25.4A3L305C-	1"	1.0000	0.120	1.500	6.000	3.913	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA268.12.7A3A076-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

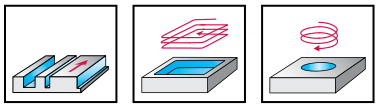
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

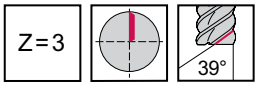
Solid carbide shoulder/slot milling cutters

MA268 Advance inch

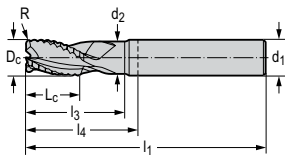


– corner radius
– reduced neck
– roughing profile - medium





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA268.12.7A3D076E-	1/2"	0.5000	0.030	1.000	2.000	0.470	4.000	2.504	0.500	3	☺	☺
★ MA268.12.7A3D152E-	1/2"	0.5000	0.060	1.000	2.000	0.470	4.000	2.504	0.500	3	☺	☺
★ MA268.12.7A3D305E-	1/2"	0.5000	0.120	1.000	2.000	0.470	4.000	2.504	0.500	3	☺	☺
★ MA268.12.7A3L076G-	1/2"	0.5000	0.030	1.000	3.000	0.470	5.000	3.504	0.500	3	☺	☺
★ MA268.12.7A3L152G-	1/2"	0.5000	0.060	1.000	3.000	0.470	5.000	3.504	0.500	3	☺	☺
★ MA268.12.7A3L305G-	1/2"	0.5000	0.120	1.000	3.000	0.470	5.000	3.504	0.500	3	☺	☺
★ MA268.12.7A3X076I-	1/2"	0.5000	0.030	1.000	4.000	0.470	6.000	4.504	0.500	3	☺	☺
★ MA268.12.7A3X152I-	1/2"	0.5000	0.060	1.000	4.000	0.470	6.000	4.504	0.500	3	☺	☺
★ MA268.12.7A3X305I-	1/2"	0.5000	0.120	1.000	4.000	0.470	6.000	4.504	0.500	3	☺	☺
★ MA268.19.1A3D076E-	3/4"	0.7500	0.030	1.375	3.000	0.705	5.000	3.307	0.750	3	☺	☺
★ MA268.19.1A3D152E-	3/4"	0.7500	0.060	1.375	3.000	0.705	5.000	3.307	0.750	3	☺	☺
★ MA268.19.1A3D305E-	3/4"	0.7500	0.120	1.375	3.000	0.705	5.000	3.307	0.750	3	☺	☺
★ MA268.19.1A3L076F-	3/4"	0.7500	0.030	1.375	4.000	0.705	6.000	4.307	0.750	3	☺	☺
★ MA268.19.1A3L152F-	3/4"	0.7500	0.060	1.375	4.000	0.705	6.000	4.307	0.750	3	☺	☺
★ MA268.19.1A3L305F-	3/4"	0.7500	0.120	1.375	4.000	0.705	6.000	4.307	0.750	3	☺	☺
★ MA268.25.4A3D076D-	1"	1.0000	0.030	1.500	3.000	0.940	5.000	3.055	1.000	3	☺	☺
★ MA268.25.4A3D152D-	1"	1.0000	0.060	1.500	3.000	0.940	5.000	3.055	1.000	3	☺	☺
★ MA268.25.4A3D305D-	1"	1.0000	0.120	1.500	3.000	0.940	5.000	3.055	1.000	3	☺	☺
★ MA268.25.4A3L076E-	1"	1.0000	0.030	1.500	4.000	0.940	6.000	4.055	1.000	3	☺	☺
★ MA268.25.4A3L152E-	1"	1.0000	0.060	1.500	4.000	0.940	6.000	4.055	1.000	3	☺	☺
★ MA268.25.4A3L305E-	1"	1.0000	0.120	1.500	4.000	0.940	6.000	4.055	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA268.12.7A3D076E-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

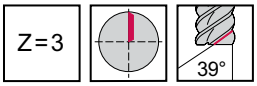
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

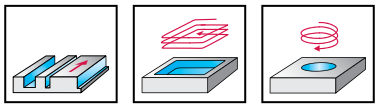
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

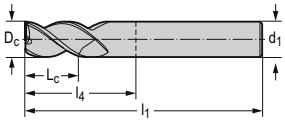
MA267 Advance inch







	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

Designation	d_c h9	d_c h9	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.3.18A3DJ-	1/8"	0.1250	0.375	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3DK-	1/8"	0.1250	0.500	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3S-	1/8"	0.1250	0.250	1.500	0.87	0.125	3	☺	☺
★ MA267.4.76A3D-	3/16"	0.1875	0.312	2.000	1.134	0.1875	3	☺	☺
★ MA267.4.76A3LK-	3/16"	0.1875	0.750	2.500	1.634	0.1875	3	☺	☺
★ MA267.6.35A3D-	1/4"	0.2500	0.625	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3DS-	1/4"	0.2500	0.500	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3LK-	1/4"	0.2500	1.000	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3S-	1/4"	0.2500	0.375	2.000	0.898	0.250	3	☺	☺
★ MA267.6.35A3X-	1/4"	0.2500	0.500	4.000	2.898	0.250	3	☺	☺
★ MA267.7.93A3D-	5/16"	0.3125	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA267.7.93A3LJ-	5/16"	0.3125	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA267.9.53A3D-	3/8"	0.3750	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3DJ-	3/8"	0.3750	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3LK-	3/8"	0.3750	1.500	3.500	2.201	0.375	3	☺	☺
★ MA267.9.53A3LX-	3/8"	0.3750	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3S-	3/8"	0.3750	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3X-	3/8"	0.3750	0.750	5.000	3.701	0.375	3	☺	☺
★ MA267.12.7A3DJ-	1/2"	0.5000	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3LX-	1/2"	0.5000	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3S-	1/2"	0.5000	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3SA-	1/2"	0.5000	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3SS-	1/2"	0.5000	1.000	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3X-	1/2"	0.5000	1.000	6.000	4.504	0.500	3	☺	☺
★ MA267.15.9A3D-	5/8"	0.6250	1.625	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3DS-	5/8"	0.6250	1.250	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3S-	5/8"	0.6250	0.750	3.000	1.307	0.625	3	☺	☺
★ MA267.15.9A3X-	5/8"	0.6250	1.250	6.000	4.307	0.625	3	☺	☺
★ MA267.19.1A3DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3L-	3/4"	0.7500	1.375	6.000	4.307	0.750	3	☺	☺

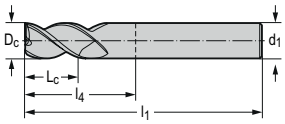
Ordering example for the grade WJ30CD: MA267.12.7A3DJ-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c h9	d_c h9	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.19.1A3LK-	3/4"	0.7500	3.250	6.000	4.307	0.750	3	☻	☻
★ MA267.19.1A3S-	3/4"	0.7500	1.625	4.000	2.307	0.750	3	☻	☻
★ MA267.19.1A3SS-	3/4"	0.7500	1.000	4.000	2.307	0.750	3	☻	☻
★ MA267.25.4A3AC-	1"	1.0000	1.250	4.000	1.913	1.000	3	☻	☻
★ MA267.25.4A3DC-	1"	1.0000	2.000	5.000	2.913	1.000	3	☻	☻
★ MA267.25.4A3LC-	1"	1.0000	1.500	6.000	3.913	1.000	3	☻	☻
★ MA267.25.4A3LJ-	1"	1.0000	3.250	6.000	3.913	1.000	3	☻	☻

Ordering example for the grade WJ30CD: MA267.12.7A3DJ-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

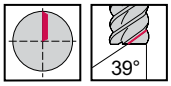
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

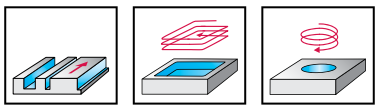
MA267 Advance inch



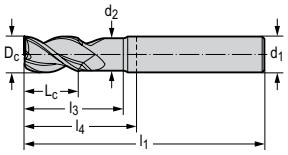
Z=3



– reduced neck



	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

Designation	d_c h9	d_c h9	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.3.18A3XG-	1/8"	0.1250	0.250	0.750	0.119	3.000	2.37	0.125	3	☺	☺
★ MA267.3.18A3XI-	1/8"	0.1250	0.250	1.000	0.119	3.000	2.37	0.125	3	☺	☺
★ MA267.4.76A3XE-	3/16"	0.1875	0.312	0.750	0.178	3.000	2.134	0.1875	3	☺	☺
★ MA267.4.76A3XF-	3/16"	0.1875	0.312	1.000	0.178	3.000	2.134	0.1875	3	☺	☺
★ MA267.6.35A3LE-	1/4"	0.2500	0.500	1.000	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3LG-	1/4"	0.2500	0.500	1.500	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3XI-	1/4"	0.2500	0.500	2.000	0.238	4.000	2.898	0.250	3	☺	☺
★ MA267.9.53A3DD-	3/8"	0.3750	0.750	1.250	0.356	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3LE-	3/8"	0.3750	0.750	1.500	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3LF-	3/8"	0.3750	0.750	2.000	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3XI-	3/8"	0.3750	0.750	3.000	0.356	5.000	3.701	0.375	3	☺	☺
★ MA267.12.7A3DD-	1/2"	0.5000	1.000	1.500	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3DE-	1/2"	0.5000	1.000	2.000	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3LG-	1/2"	0.5000	1.000	3.000	0.475	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3XI-	1/2"	0.5000	1.000	4.000	0.475	6.000	4.504	0.500	3	☺	☺
★ MA267.15.9A3LD-	5/8"	0.6250	1.250	2.000	0.594	4.000	2.307	0.625	3	☺	☺
★ MA267.15.9A3LE-	5/8"	0.6250	1.250	3.000	0.594	5.000	3.307	0.625	3	☺	☺
★ MA267.15.9A3XG-	5/8"	0.6250	1.250	4.000	0.594	6.000	4.307	0.625	3	☺	☺
★ MA267.19.1A3DE-	3/4"	0.7500	1.375	3.000	0.713	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3LF-	3/4"	0.7500	1.375	4.000	0.713	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3SC-	3/4"	0.7500	1.375	2.000	0.713	4.000	2.307	0.750	3	☺	☺
★ MA267.25.4A3A-	1"	1.0000	1.500	2.000	0.960	4.000	2.075	1.000	3	☺	☺
★ MA267.25.4A3DD-	1"	1.0000	1.500	3.000	0.960	5.000	3.075	1.000	3	☺	☺
★ MA267.25.4A3LE-	1"	1.0000	1.500	4.000	0.960	6.000	4.075	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA267.12.7A3DD-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

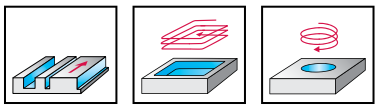
MA267 Advance inch



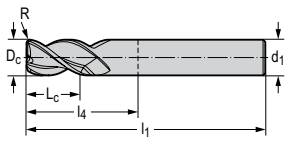
– corner radius

Z=3





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

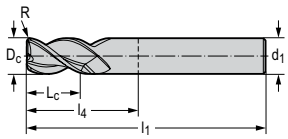
Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.3.18A3D025J-	1/8"	0.1250	0.010	0.375	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D025K-	1/8"	0.1250	0.010	0.500	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D038J-	1/8"	0.1250	0.015	0.375	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D038K-	1/8"	0.1250	0.015	0.500	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D051J-	1/8"	0.1250	0.020	0.375	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D051K-	1/8"	0.1250	0.020	0.500	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D076J-	1/8"	0.1250	0.030	0.375	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3D076K-	1/8"	0.1250	0.030	0.500	2.000	1.37	0.125	3	☺	☺
★ MA267.3.18A3S025-	1/8"	0.1250	0.010	0.250	1.500	0.87	0.125	3	☺	☺
★ MA267.3.18A3S038-	1/8"	0.1250	0.015	0.250	1.500	0.87	0.125	3	☺	☺
★ MA267.3.18A3S051-	1/8"	0.1250	0.020	0.250	1.500	0.87	0.125	3	☺	☺
★ MA267.3.18A3S076-	1/8"	0.1250	0.030	0.250	1.500	0.87	0.125	3	☺	☺
★ MA267.4.76A3D025-	3/16"	0.1875	0.010	0.312	2.000	1.134	0.1875	3	☺	☺
★ MA267.4.76A3D038-	3/16"	0.1875	0.015	0.312	2.000	1.134	0.1875	3	☺	☺
★ MA267.4.76A3D051-	3/16"	0.1875	0.020	0.312	2.000	1.134	0.1875	3	☺	☺
★ MA267.4.76A3D076-	3/16"	0.1875	0.030	0.312	2.000	1.134	0.1875	3	☺	☺
★ MA267.4.76A3L025K-	3/16"	0.1875	0.010	0.750	2.500	1.634	0.1875	3	☺	☺
★ MA267.4.76A3L038K-	3/16"	0.1875	0.015	0.750	2.500	1.634	0.1875	3	☺	☺
★ MA267.4.76A3L051K-	3/16"	0.1875	0.020	0.750	2.500	1.634	0.1875	3	☺	☺
★ MA267.4.76A3L076K-	3/16"	0.1875	0.030	0.750	2.500	1.634	0.1875	3	☺	☺
★ MA267.6.35A3D025-	1/4"	0.2500	0.010	0.625	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D025J-	1/4"	0.2500	0.010	0.750	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D025S-	1/4"	0.2500	0.010	0.500	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D038-	1/4"	0.2500	0.015	0.625	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D038S-	1/4"	0.2500	0.015	0.500	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D051-	1/4"	0.2500	0.020	0.625	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D051J-	1/4"	0.2500	0.020	0.750	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D051S-	1/4"	0.2500	0.020	0.500	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D076-	1/4"	0.2500	0.030	0.625	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D076S-	1/4"	0.2500	0.030	0.500	2.500	1.398	0.250	3	☺	☺

Ordering example for the grade WJ30CD: MA267.12.7A3A025-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.6.35A3D152-	1/4"	0.2500	0.060	0.625	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D152J-	1/4"	0.2500	0.060	0.750	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3D152S-	1/4"	0.2500	0.060	0.500	2.500	1.398	0.250	3	☺	☺
★ MA267.6.35A3L025K-	1/4"	0.2500	0.010	1.000	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L038K-	1/4"	0.2500	0.015	1.000	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L051K-	1/4"	0.2500	0.020	1.000	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L076K-	1/4"	0.2500	0.030	1.000	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L152K-	1/4"	0.2500	0.060	1.000	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3S025-	1/4"	0.2500	0.010	0.375	2.000	0.898	0.250	3	☺	☺
★ MA267.6.35A3S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	3	☺	☺
★ MA267.6.35A3S051-	1/4"	0.2500	0.020	0.375	2.000	0.898	0.250	3	☺	☺
★ MA267.6.35A3S076-	1/4"	0.2500	0.030	0.375	2.000	0.898	0.250	3	☺	☺
★ MA267.6.35A3S152-	1/4"	0.2500	0.060	0.375	2.000	0.898	0.250	3	☺	☺
★ MA267.6.35A3X038-	1/4"	0.2500	0.015	0.500	4.000	2.898	0.250	3	☺	☺
★ MA267.6.35A3X076-	1/4"	0.2500	0.030	0.500	4.000	2.898	0.250	3	☺	☺
★ MA267.6.35A3X152-	1/4"	0.2500	0.060	0.500	4.000	2.898	0.250	3	☺	☺
★ MA267.7.93A3D025-	5/16"	0.3125	0.010	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA267.7.93A3D038-	5/16"	0.3125	0.015	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA267.7.93A3D051-	5/16"	0.3125	0.020	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA267.7.93A3D076-	5/16"	0.3125	0.030	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA267.7.93A3D152-	5/16"	0.3125	0.060	0.812	2.500	1.398	0.3125	3	☺	☺
★ MA267.7.93A3L025J-	5/16"	0.3125	0.010	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA267.7.93A3L038J-	5/16"	0.3125	0.015	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA267.7.93A3L051J-	5/16"	0.3125	0.020	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA267.7.93A3L076J-	5/16"	0.3125	0.030	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA267.7.93A3L152J-	5/16"	0.3125	0.060	1.000	3.000	1.898	0.3125	3	☺	☺
★ MA267.9.53A3D025-	3/8"	0.3750	0.010	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D025J-	3/8"	0.3750	0.010	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D038-	3/8"	0.3750	0.015	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D051-	3/8"	0.3750	0.020	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D051J-	3/8"	0.3750	0.020	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D076-	3/8"	0.3750	0.030	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D152-	3/8"	0.3750	0.060	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D305-	3/8"	0.3750	0.120	1.000	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D305J-	3/8"	0.3750	0.120	1.250	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3L025K-	3/8"	0.3750	0.010	1.500	3.500	2.201	0.375	3	☺	☺
★ MA267.9.53A3L025X-	3/8"	0.3750	0.010	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L038K-	3/8"	0.3750	0.015	1.500	3.500	2.201	0.375	3	☺	☺
★ MA267.9.53A3L038X-	3/8"	0.3750	0.015	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L051K-	3/8"	0.3750	0.020	1.500	3.500	2.201	0.375	3	☺	☺

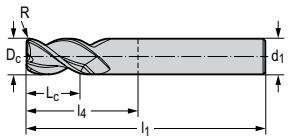
Ordering example for the grade WJ30CD: MA267.12.7A3A025-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.9.53A3L051X-	3/8"	0.3750	0.020	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L076K-	3/8"	0.3750	0.030	1.500	3.500	2.201	0.375	3	☺	☺
★ MA267.9.53A3L076X-	3/8"	0.3750	0.030	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L152K-	3/8"	0.3750	0.060	1.500	3.500	2.201	0.375	3	☺	☺
★ MA267.9.53A3L152X-	3/8"	0.3750	0.060	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L305K-	3/8"	0.3750	0.120	1.500	3.500	2.201	0.375	3	☺	☺
★ MA267.9.53A3L305X-	3/8"	0.3750	0.120	2.000	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3S025-	3/8"	0.3750	0.010	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3S038-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3S051-	3/8"	0.3750	0.020	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3S076-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3S152-	3/8"	0.3750	0.060	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3S305-	3/8"	0.3750	0.120	0.500	2.000	0.701	0.375	3	☺	☺
★ MA267.9.53A3X038-	3/8"	0.3750	0.015	0.750	5.000	3.701	0.375	3	☺	☺
★ MA267.9.53A3X076-	3/8"	0.3750	0.030	0.750	5.000	3.701	0.375	3	☺	☺
★ MA267.9.53A3X152-	3/8"	0.3750	0.060	0.750	5.000	3.701	0.375	3	☺	☺
★ MA267.9.53A3X305-	3/8"	0.3750	0.120	0.750	5.000	3.701	0.375	3	☺	☺
★ MA267.12.7A3A025-	1/2"	0.5000	0.010	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3A051-	1/2"	0.5000	0.020	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3A152-	1/2"	0.5000	0.060	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3A305-	1/2"	0.5000	0.120	0.625	2.500	1.004	0.500	3	☺	☺
★ MA267.12.7A3D025J-	1/2"	0.5000	0.010	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D025K-	1/2"	0.5000	0.010	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D038K-	1/2"	0.5000	0.015	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D051J-	1/2"	0.5000	0.020	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D051K-	1/2"	0.5000	0.020	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D076K-	1/2"	0.5000	0.030	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D152K-	1/2"	0.5000	0.060	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D229J-	1/2"	0.5000	0.090	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D305K-	1/2"	0.5000	0.120	2.000	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3L025X-	1/2"	0.5000	0.010	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L038X-	1/2"	0.5000	0.015	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L051X-	1/2"	0.5000	0.020	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L076X-	1/2"	0.5000	0.030	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L152X-	1/2"	0.5000	0.060	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L305X-	1/2"	0.5000	0.120	2.500	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3S025-	1/2"	0.5000	0.010	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S025S-	1/2"	0.5000	0.010	1.000	3.000	1.504	0.500	3	☺	☺

Ordering example for the grade WJ30CD: MA267.12.7A3A025-WJ30CD

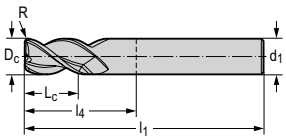
D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.12.7A3S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S051-	1/2"	0.5000	0.020	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S051S-	1/2"	0.5000	0.020	1.000	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S229-	1/2"	0.5000	0.090	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S305-	1/2"	0.5000	0.120	1.250	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	3	☺	☺
★ MA267.12.7A3X076-	1/2"	0.5000	0.030	1.000	6.000	4.504	0.500	3	☺	☺
★ MA267.12.7A3X152-	1/2"	0.5000	0.060	1.000	6.000	4.504	0.500	3	☺	☺
★ MA267.12.7A3X305-	1/2"	0.5000	0.120	1.000	6.000	4.504	0.500	3	☺	☺
★ MA267.15.9A3D038-	5/8"	0.6250	0.015	1.625	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D038S-	5/8"	0.6250	0.015	1.250	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D076S-	5/8"	0.6250	0.030	1.250	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D152S-	5/8"	0.6250	0.060	1.250	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D229-	5/8"	0.6250	0.090	1.625	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D229S-	5/8"	0.6250	0.090	1.250	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D305-	5/8"	0.6250	0.120	1.625	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3D305S-	5/8"	0.6250	0.120	1.250	3.500	1.807	0.625	3	☺	☺
★ MA267.15.9A3S038-	5/8"	0.6250	0.015	0.750	3.000	1.307	0.625	3	☺	☺
★ MA267.15.9A3S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	3	☺	☺
★ MA267.15.9A3S152-	5/8"	0.6250	0.060	0.750	3.000	1.307	0.625	3	☺	☺
★ MA267.15.9A3S229-	5/8"	0.6250	0.090	0.750	3.000	1.307	0.625	3	☺	☺
★ MA267.15.9A3S305-	5/8"	0.6250	0.120	0.750	3.000	1.307	0.625	3	☺	☺
★ MA267.15.9A3X076-	5/8"	0.6250	0.030	1.250	6.000	4.307	0.625	3	☺	☺
★ MA267.15.9A3X152-	5/8"	0.6250	0.060	1.250	6.000	4.307	0.625	3	☺	☺
★ MA267.15.9A3X305-	5/8"	0.6250	0.120	1.250	6.000	4.307	0.625	3	☺	☺
★ MA267.19.1A3D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D229J-	3/4"	0.7500	0.090	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D483J-	3/4"	0.7500	0.190	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D635J-	3/4"	0.7500	0.250	2.250	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L076-	3/4"	0.7500	0.030	1.375	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L076K-	3/4"	0.7500	0.030	3.250	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L152-	3/4"	0.7500	0.060	1.375	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L152K-	3/4"	0.7500	0.060	3.250	6.000	4.307	0.750	3	☺	☺

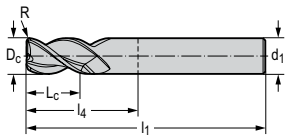
Ordering example for the grade WJ30CD: MA267.12.7A3A025-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.19.1A3L229K-	3/4"	0.7500	0.090	3.250	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L305-	3/4"	0.7500	0.120	1.375	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L305K-	3/4"	0.7500	0.120	3.250	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L483K-	3/4"	0.7500	0.190	3.250	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L635K-	3/4"	0.7500	0.250	3.250	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3S038-	3/4"	0.7500	0.015	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S038S-	3/4"	0.7500	0.015	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S076S-	3/4"	0.7500	0.030	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S152S-	3/4"	0.7500	0.060	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S229-	3/4"	0.7500	0.090	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S229S-	3/4"	0.7500	0.090	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S305S-	3/4"	0.7500	0.120	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S483-	3/4"	0.7500	0.190	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S483S-	3/4"	0.7500	0.190	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S635-	3/4"	0.7500	0.250	1.625	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S635S-	3/4"	0.7500	0.250	1.000	4.000	2.307	0.750	3	☺	☺
★ MA267.25.4A3A076C-	1"	1.0000	0.030	1.250	4.000	1.913	1.000	3	☺	☺
★ MA267.25.4A3A152C-	1"	1.0000	0.060	1.250	4.000	1.913	1.000	3	☺	☺
★ MA267.25.4A3A229-	1"	1.0000	0.090	1.250	4.000	1.913	1.000	3	☺	☺
★ MA267.25.4A3A305C-	1"	1.0000	0.120	1.250	4.000	1.913	1.000	3	☺	☺
★ MA267.25.4A3A483C-	1"	1.0000	0.190	1.250	4.000	1.913	1.000	3	☺	☺
★ MA267.25.4A3A635C-	1"	1.0000	0.250	1.250	4.000	1.913	1.000	3	☺	☺
★ MA267.25.4A3D076C-	1"	1.0000	0.030	2.000	5.000	2.913	1.000	3	☺	☺
★ MA267.25.4A3D152C-	1"	1.0000	0.060	2.000	5.000	2.913	1.000	3	☺	☺
★ MA267.25.4A3D229C-	1"	1.0000	0.090	2.000	5.000	2.913	1.000	3	☺	☺
★ MA267.25.4A3D305C-	1"	1.0000	0.120	2.000	5.000	2.913	1.000	3	☺	☺
★ MA267.25.4A3D483C-	1"	1.0000	0.190	2.000	5.000	2.913	1.000	3	☺	☺
★ MA267.25.4A3D635C-	1"	1.0000	0.250	2.000	5.000	2.913	1.000	3	☺	☺
★ MA267.25.4A3L076C-	1"	1.0000	0.030	1.500	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L076J-	1"	1.0000	0.030	3.250	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L152C-	1"	1.0000	0.060	1.500	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L152J-	1"	1.0000	0.060	3.250	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L229J-	1"	1.0000	0.090	3.250	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L305C-	1"	1.0000	0.120	1.500	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L305J-	1"	1.0000	0.120	3.250	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L483J-	1"	1.0000	0.190	3.250	6.000	3.913	1.000	3	☺	☺
★ MA267.25.4A3L635J-	1"	1.0000	0.250	3.250	6.000	3.913	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA267.12.7A3A025-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

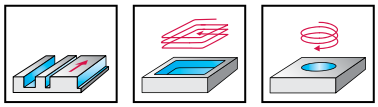
New addition to the product range = ☺ 😐 ☹ / ★

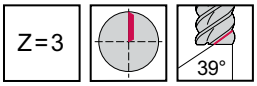
Solid carbide shoulder/slot milling cutters

MA267 Advance inch

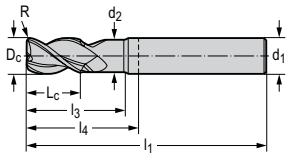


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.3.18A3X038G-	1/8"	0.1250	0.015	0.250	0.750	0.119	3.000	2.37	0.125	3	☺	☺
★ MA267.3.18A3X038I-	1/8"	0.1250	0.015	0.250	1.000	0.119	3.000	2.37	0.125	3	☺	☺
★ MA267.3.18A3X076G-	1/8"	0.1250	0.030	0.250	0.750	0.119	3.000	2.37	0.125	3	☺	☺
★ MA267.3.18A3X076I-	1/8"	0.1250	0.030	0.250	1.000	0.119	3.000	2.37	0.125	3	☺	☺
★ MA267.4.76A3X038E-	3/16"	0.1875	0.015	0.312	0.750	0.178	3.000	2.134	0.1875	3	☺	☺
★ MA267.4.76A3X038F-	3/16"	0.1875	0.015	0.312	1.000	0.178	3.000	2.134	0.1875	3	☺	☺
★ MA267.4.76A3X076E-	3/16"	0.1875	0.030	0.312	0.750	0.178	3.000	2.134	0.1875	3	☺	☺
★ MA267.4.76A3X076F-	3/16"	0.1875	0.030	0.312	1.000	0.178	3.000	2.134	0.1875	3	☺	☺
★ MA267.6.35A3L038E-	1/4"	0.2500	0.015	0.500	1.000	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L038G-	1/4"	0.2500	0.015	0.500	1.500	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L076E-	1/4"	0.2500	0.030	0.500	1.000	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L076G-	1/4"	0.2500	0.030	0.500	1.500	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L152E-	1/4"	0.2500	0.060	0.500	1.000	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3L152G-	1/4"	0.2500	0.060	0.500	1.500	0.238	3.000	1.898	0.250	3	☺	☺
★ MA267.6.35A3X038I-	1/4"	0.2500	0.015	0.500	2.000	0.238	4.000	2.898	0.250	3	☺	☺
★ MA267.6.35A3X076I-	1/4"	0.2500	0.030	0.500	2.000	0.238	4.000	2.898	0.250	3	☺	☺
★ MA267.6.35A3X152I-	1/4"	0.2500	0.060	0.500	2.000	0.238	4.000	2.898	0.250	3	☺	☺
★ MA267.9.53A3D038D-	3/8"	0.3750	0.015	0.750	1.250	0.356	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D076D-	3/8"	0.3750	0.030	0.750	1.250	0.356	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D152D-	3/8"	0.3750	0.060	0.750	1.250	0.356	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3D305D-	3/8"	0.3750	0.120	0.750	1.250	0.356	3.000	1.701	0.375	3	☺	☺
★ MA267.9.53A3L038E-	3/8"	0.3750	0.015	0.750	1.500	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L038F-	3/8"	0.3750	0.015	0.750	2.000	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L076E-	3/8"	0.3750	0.030	0.750	1.500	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L076F-	3/8"	0.3750	0.030	0.750	2.000	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L152E-	3/8"	0.3750	0.060	0.750	1.500	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L152F-	3/8"	0.3750	0.060	0.750	2.000	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L305E-	3/8"	0.3750	0.120	0.750	1.500	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3L305F-	3/8"	0.3750	0.120	0.750	2.000	0.356	4.000	2.701	0.375	3	☺	☺
★ MA267.9.53A3X038I-	3/8"	0.3750	0.015	0.750	3.000	0.356	5.000	3.701	0.375	3	☺	☺
★ MA267.9.53A3X076I-	3/8"	0.3750	0.030	0.750	3.000	0.356	5.000	3.701	0.375	3	☺	☺
★ MA267.9.53A3X152I-	3/8"	0.3750	0.060	0.750	3.000	0.356	5.000	3.701	0.375	3	☺	☺

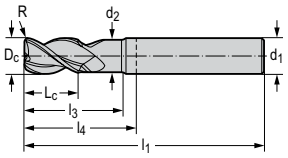
Ordering example for the grade WJ30CD: MA267.12.7A3D076D-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA267.9.53A3X305I-	3/8"	0.3750	0.120	0.750	3.000	0.356	5.000	3.701	0.375	3	☺	☺
★ MA267.12.7A3D076D-	1/2"	0.5000	0.030	1.000	1.500	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D076E-	1/2"	0.5000	0.030	1.000	2.000	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D152D-	1/2"	0.5000	0.060	1.000	1.500	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D152E-	1/2"	0.5000	0.060	1.000	2.000	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D305D-	1/2"	0.5000	0.120	1.000	1.500	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3D305E-	1/2"	0.5000	0.120	1.000	2.000	0.475	4.000	2.504	0.500	3	☺	☺
★ MA267.12.7A3L076G-	1/2"	0.5000	0.030	1.000	3.000	0.475	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L152G-	1/2"	0.5000	0.060	1.000	3.000	0.475	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3L305G-	1/2"	0.5000	0.120	1.000	3.000	0.475	5.000	3.504	0.500	3	☺	☺
★ MA267.12.7A3X076I-	1/2"	0.5000	0.030	1.000	4.000	0.475	6.000	4.504	0.500	3	☺	☺
★ MA267.12.7A3X152I-	1/2"	0.5000	0.060	1.000	4.000	0.475	6.000	4.504	0.500	3	☺	☺
★ MA267.12.7A3X305I-	1/2"	0.5000	0.120	1.000	4.000	0.475	6.000	4.504	0.500	3	☺	☺
★ MA267.15.9A3L076D-	5/8"	0.6250	0.030	1.250	2.000	0.594	4.000	2.307	0.625	3	☺	☺
★ MA267.15.9A3L076E-	5/8"	0.6250	0.030	1.250	3.000	0.594	5.000	3.307	0.625	3	☺	☺
★ MA267.15.9A3L152D-	5/8"	0.6250	0.060	1.250	2.000	0.594	4.000	2.307	0.625	3	☺	☺
★ MA267.15.9A3L152E-	5/8"	0.6250	0.060	1.250	3.000	0.594	5.000	3.307	0.625	3	☺	☺
★ MA267.15.9A3L305D-	5/8"	0.6250	0.120	1.250	2.000	0.594	4.000	2.307	0.625	3	☺	☺
★ MA267.15.9A3L305E-	5/8"	0.6250	0.120	1.250	3.000	0.594	5.000	3.307	0.625	3	☺	☺
★ MA267.15.9A3X076G-	5/8"	0.6250	0.030	1.250	4.000	0.594	6.000	4.307	0.625	3	☺	☺
★ MA267.15.9A3X152G-	5/8"	0.6250	0.060	1.250	4.000	0.594	6.000	4.307	0.625	3	☺	☺
★ MA267.15.9A3X305G-	5/8"	0.6250	0.120	1.250	4.000	0.594	6.000	4.307	0.625	3	☺	☺
★ MA267.19.1A3D076E-	3/4"	0.7500	0.030	1.375	3.000	0.713	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D152E-	3/4"	0.7500	0.060	1.375	3.000	0.713	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3D305E-	3/4"	0.7500	0.120	1.375	3.000	0.713	5.000	3.307	0.750	3	☺	☺
★ MA267.19.1A3L076F-	3/4"	0.7500	0.030	1.375	4.000	0.713	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L152F-	3/4"	0.7500	0.060	1.375	4.000	0.713	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3L305F-	3/4"	0.7500	0.120	1.375	4.000	0.713	6.000	4.307	0.750	3	☺	☺
★ MA267.19.1A3S076C-	3/4"	0.7500	0.030	1.375	2.000	0.713	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S152C-	3/4"	0.7500	0.060	1.375	2.000	0.713	4.000	2.307	0.750	3	☺	☺
★ MA267.19.1A3S305C-	3/4"	0.7500	0.120	1.375	2.000	0.713	4.000	2.307	0.750	3	☺	☺
★ MA267.25.4A3A076-	1"	1.0000	0.030	1.500	2.000	0.960	4.000	2.075	1.000	3	☺	☺
★ MA267.25.4A3A152-	1"	1.0000	0.060	1.500	2.000	0.960	4.000	2.075	1.000	3	☺	☺
★ MA267.25.4A3A305-	1"	1.0000	0.120	1.500	2.000	0.960	4.000	2.075	1.000	3	☺	☺
★ MA267.25.4A3D076D-	1"	1.0000	0.030	1.500	3.000	0.960	5.000	3.075	1.000	3	☺	☺
★ MA267.25.4A3D152D-	1"	1.0000	0.060	1.500	3.000	0.960	5.000	3.075	1.000	3	☺	☺
★ MA267.25.4A3D305D-	1"	1.0000	0.120	1.500	3.000	0.960	5.000	3.075	1.000	3	☺	☺
★ MA267.25.4A3L076E-	1"	1.0000	0.030	1.500	4.000	0.960	6.000	4.075	1.000	3	☺	☺
★ MA267.25.4A3L152E-	1"	1.0000	0.060	1.500	4.000	0.960	6.000	4.075	1.000	3	☺	☺
★ MA267.25.4A3L305E-	1"	1.0000	0.120	1.500	4.000	0.960	6.000	4.075	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA267.12.7A3D076D-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

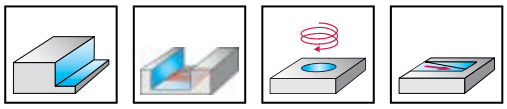
New addition to the product range = ☺ 😐 ☹ / ★

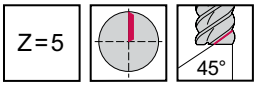
Solid carbide shoulder/slot milling cutters

MA267 Advance inch

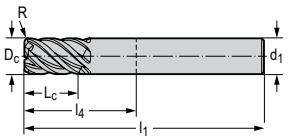


– corner radius





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD
★ MA267.6.35A5S018-	1/4"	0.2500	0.007	0.375	2.000	0.898	0.250	5	☺
★ MA267.6.35A5S038-	1/4"	0.2500	0.015	0.375	2.000	0.898	0.250	5	☺
★ MA267.9.53A5S018-	3/8"	0.3750	0.007	1.000	2.500	1.201	0.375	5	☺
★ MA267.9.53A5S018S-	3/8"	0.3750	0.007	0.562	2.000	0.701	0.375	5	☺
★ MA267.9.53A5S051-	3/8"	0.3750	0.020	1.000	2.500	1.201	0.375	5	☺
★ MA267.9.53A5S051S-	3/8"	0.3750	0.020	0.562	2.000	0.701	0.375	5	☺
★ MA267.12.7A5A025-	1/2"	0.5000	0.010	0.625	2.500	1.004	0.500	5	☺
★ MA267.12.7A5A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	5	☺
★ MA267.12.7A5S025-	1/2"	0.5000	0.010	1.250	3.000	1.504	0.500	5	☺
★ MA267.12.7A5S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	5	☺
★ MA267.15.9A5S025-	5/8"	0.6250	0.010	0.750	3.000	1.307	0.625	5	☺
★ MA267.15.9A5S076-	5/8"	0.6250	0.030	0.750	3.000	1.307	0.625	5	☺
★ MA267.19.1A5S025-	3/4"	0.7500	0.010	0.875	3.000	1.307	0.750	5	☺
★ MA267.19.1A5S076-	3/4"	0.7500	0.030	0.875	3.000	1.307	0.750	5	☺

Ordering example for the grade WJ30CD: MA267.12.7A5A025-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

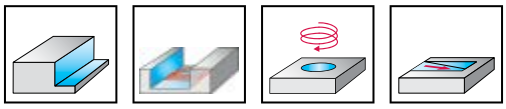
☺ 😐 ☹ / ★ = New addition to the product range

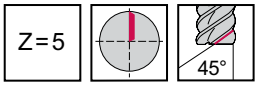
Solid carbide shoulder/slot milling cutters

MA267 Advance inch

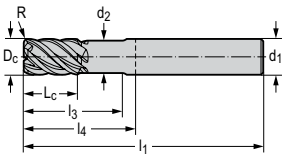


– corner radius
– reduced neck





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			



Cylindrical shank

Designation	d_c	d_c inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD
★ MA267.6.35A5D018D-	1/4"	0.2500	0.007	0.500	0.750	0.238	2.500	1.398	0.250	5	☺
★ MA267.6.35A5D038D-	1/4"	0.2500	0.015	0.500	0.750	0.238	2.500	1.398	0.250	5	☺
★ MA267.6.35A5L018E-	1/4"	0.2500	0.007	0.375	1.125	0.238	3.000	1.898	0.250	5	☺
★ MA267.6.35A5L038E-	1/4"	0.2500	0.015	0.375	1.125	0.238	3.000	1.701	0.250	5	☺
★ MA267.9.53A5L018F-	3/8"	0.3750	0.007	0.562	1.937	0.356	4.000	2.701	0.375	5	☺
★ MA267.9.53A5L051F-	3/8"	0.3750	0.020	0.562	1.937	0.356	4.000	2.701	0.375	5	☺
★ MA267.9.53A5S018C-	3/8"	0.3750	0.007	0.750	1.000	0.356	2.500	1.201	0.375	5	☺
★ MA267.9.53A5S051C-	3/8"	0.3750	0.020	0.750	1.000	0.356	2.500	1.201	0.375	5	☺
★ MA267.12.7A5D025E-	1/2"	0.5000	0.010	0.625	2.000	0.475	4.000	2.504	0.500	5	☺
★ MA267.12.7A5D076E-	1/2"	0.5000	0.030	0.625	2.000	0.475	4.000	2.504	0.500	5	☺
★ MA267.12.7A5S025C-	1/2"	0.5000	0.010	1.000	1.250	0.475	3.000	1.504	0.500	5	☺
★ MA267.12.7A5S076C-	1/2"	0.5000	0.030	1.000	1.250	0.475	3.000	1.504	0.500	5	☺
★ MA267.15.9A5D025C-	5/8"	0.6250	0.010	1.250	1.500	0.594	3.500	1.807	0.625	5	☺
★ MA267.15.9A5D076C-	5/8"	0.6250	0.030	1.250	1.500	0.594	3.500	1.807	0.625	5	☺
★ MA267.15.9A5L025D-	5/8"	0.6250	0.010	0.750	2.375	0.594	5.000	3.307	0.625	5	☺
★ MA267.15.9A5L076D-	5/8"	0.6250	0.030	0.750	2.375	0.594	5.000	3.307	0.625	5	☺
★ MA267.19.1A5D025D-	3/4"	0.7500	0.010	0.875	2.500	0.713	5.000	3.307	0.750	5	☺
★ MA267.19.1A5D076D-	3/4"	0.7500	0.030	0.875	2.500	0.713	5.000	3.307	0.750	5	☺
★ MA267.19.1A5S025C-	3/4"	0.7500	0.010	1.500	1.750	0.713	4.000	2.307	0.750	5	☺
★ MA267.19.1A5S076C-	3/4"	0.7500	0.030	1.500	1.750	0.713	4.000	2.307	0.750	5	☺
★ MA267.25.4A5A038-	1"	1.0000	0.015	1.500	1.750	0.960	4.000	1.913	1.000	5	☺
★ MA267.25.4A5A076-	1"	1.0000	0.030	1.500	1.750	0.960	4.000	1.913	1.000	5	☺
★ MA267.25.4A5L038D-	1"	1.0000	0.015	1.250	3.250	0.960	6.000	3.913	1.000	5	☺
★ MA267.25.4A5L076D-	1"	1.0000	0.030	1.250	3.250	0.960	6.000	3.913	1.000	5	☺

Ordering example for the grade WJ30CD: MA267.12.7A5D025E-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

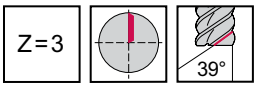
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

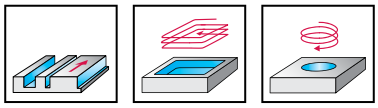
Solid carbide shoulder/slot milling cutters

MA263 Advance inch

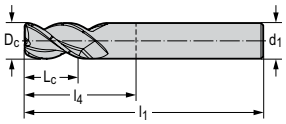




– Chip breaker



	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

Designation	d_c h9	d_c h9	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA263.6.35A3DJ-	1/4"	0.2500	0.750	2.500	1.398	0.250	3	☺	☺
★ MA263.6.35A3LK-	1/4"	0.2500	1.000	3.000	1.898	0.250	3	☺	☺
★ MA263.9.53A3S-	3/8"	0.3750	0.500	2.000	0.701	0.375	3	☺	☺
★ MA263.9.53A3D-	3/8"	0.3750	1.000	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3DJ-	3/8"	0.3750	1.250	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3LK-	3/8"	0.3750	1.500	3.500	2.201	0.375	3	☺	☺
★ MA263.12.7A3A-	1/2"	0.5000	0.625	2.500	1.004	0.500	3	☺	☺
★ MA263.12.7A3SS-	1/2"	0.5000	1.000	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S-	1/2"	0.5000	1.250	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3DJ-	1/2"	0.5000	1.625	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3DK-	1/2"	0.5000	2.000	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3LX-	1/2"	0.5000	2.500	5.000	3.504	0.500	3	☺	☺
★ MA263.15.9A3D-	5/8"	0.6250	1.625	3.500	1.807	0.625	3	☺	☺
★ MA263.19.1A3S-	3/4"	0.7500	1.625	4.000	2.307	0.750	3	☺	☺
★ MA263.19.1A3DJ-	3/4"	0.7500	2.250	5.000	3.307	0.750	3	☺	☺
★ MA263.19.1A3LK-	3/4"	0.7500	3.250	6.000	4.307	0.750	3	☺	☺

Ordering example for the grade WJ30CD: MA263.12.7A3A-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

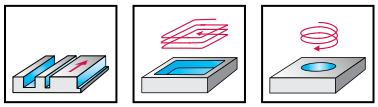
☺ 😐 ☹ / ★ = New addition to the product range

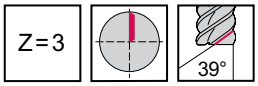
Solid carbide shoulder/slot milling cutters

MA263 Advance inch

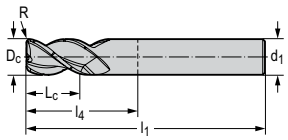


– corner radius
– chip breakers





	P	M	K	N	S	H	O
WJ30CD (ZrN)				●●			
WJ30UU (uncoated)				●●			



Cylindrical shank

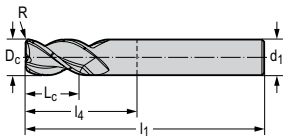
Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA263.6.35A3D038J-	1/4"	0.2500	0.015	0.750	2.500	1.398	0.250	3	☺	☺
★ MA263.6.35A3D076J-	1/4"	0.2500	0.030	0.750	2.500	1.398	0.250	3	☺	☺
★ MA263.6.35A3L038K-	1/4"	0.2500	0.015	1.000	3.000	1.898	0.250	3		☺
★ MA263.6.35A3L076K-	1/4"	0.2500	0.030	1.000	3.000	1.898	0.250	3	☺	☺
★ MA263.9.53A3S038-	3/8"	0.3750	0.015	0.500	2.000	0.701	0.375	3	☺	☺
★ MA263.9.53A3S076-	3/8"	0.3750	0.030	0.500	2.000	0.701	0.375	3	☺	☺
★ MA263.9.53A3D038-	3/8"	0.3750	0.015	1.000	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3D076-	3/8"	0.3750	0.030	1.000	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3D152-	3/8"	0.3750	0.060	1.000	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3D038J-	3/8"	0.3750	0.015	1.250	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3D076J-	3/8"	0.3750	0.030	1.250	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3D152J-	3/8"	0.3750	0.060	1.250	3.000	1.701	0.375	3	☺	☺
★ MA263.9.53A3L152K-	3/8"	0.3750	0.060	1.500	3.500	2.201	0.375	3	☺	☺
★ MA263.12.7A3A038-	1/2"	0.5000	0.015	0.625	2.500	1.004	0.500	3	☺	☺
★ MA263.12.7A3A076-	1/2"	0.5000	0.030	0.625	2.500	1.004	0.500	3	☺	☺
★ MA263.12.7A3S038S-	1/2"	0.5000	0.015	1.000	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S076S-	1/2"	0.5000	0.030	1.000	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S152S-	1/2"	0.5000	0.060	1.000	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S305S-	1/2"	0.5000	0.120	1.000	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S038-	1/2"	0.5000	0.015	1.250	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S076-	1/2"	0.5000	0.030	1.250	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3S152-	1/2"	0.5000	0.060	1.250	3.000	1.504	0.500	3	☺	☺
★ MA263.12.7A3D038J-	1/2"	0.5000	0.015	1.625	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D076J-	1/2"	0.5000	0.030	1.625	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D152J-	1/2"	0.5000	0.060	1.625	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D305J-	1/2"	0.5000	0.120	1.625	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D038K-	1/2"	0.5000	0.015	2.000	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D076K-	1/2"	0.5000	0.030	2.000	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D152K-	1/2"	0.5000	0.060	2.000	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3D305K-	1/2"	0.5000	0.120	2.000	4.000	2.504	0.500	3	☺	☺
★ MA263.12.7A3L025X-	1/2"	0.5000	0.010	2.500	5.000	3.504	0.500	3	☺	☺

Ordering example for the grade WJ30CD: MA263.12.7A3A038-WJ30CD

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d1 h6	Z	WJ30CD	WJ30UU
★ MA263.12.7A3L076X-	1/2"	0.5000	0.030	2.500	5.000	3.504	0.500	3	☺	☺
★ MA263.12.7A3L305X-	1/2"	0.5000	0.120	2.500	5.000	3.504	0.500	3	☺	☺
★ MA263.15.9A3D076-	5/8"	0.6250	0.030	1.625	3.500	1.807	0.625	3	☺	☺
★ MA263.15.9A3D152-	5/8"	0.6250	0.060	1.625	3.500	1.807	0.625	3	☺	☺
★ MA263.19.1A3S076-	3/4"	0.7500	0.030	1.625	4.000	2.307	0.750	3	☺	☺
★ MA263.19.1A3S152-	3/4"	0.7500	0.060	1.625	4.000	2.307	0.750	3	☺	☺
★ MA263.19.1A3S305-	3/4"	0.7500	0.120	1.625	4.000	2.307	0.750	3	☺	☺
★ MA263.19.1A3D038J-	3/4"	0.7500	0.015	2.250	5.000	3.307	0.750	3	☺	☺
★ MA263.19.1A3D076J-	3/4"	0.7500	0.030	2.250	5.000	3.307	0.750	3	☺	☺
★ MA263.19.1A3D152J-	3/4"	0.7500	0.060	2.250	5.000	3.307	0.750	3	☺	☺
★ MA263.19.1A3D305J-	3/4"	0.7500	0.120	2.250	5.000	3.307	0.750	3	☺	☺
★ MA263.19.1A3L038K-	3/4"	0.7500	0.015	3.250	6.000	4.307	0.750	3	☺	☺
★ MA263.19.1A3L076K-	3/4"	0.7500	0.030	3.250	6.000	4.307	0.750	3	☺	☺
★ MA263.19.1A3L152K-	3/4"	0.7500	0.060	3.250	6.000	4.307	0.750	3	☺	☺
★ MA263.25.4A3D152C-	1"	1.0000	0.060	2.000	5.000	2.913	1.000	3	☺	☺
★ MA263.25.4A3D305C-	1"	1.0000	0.120	2.000	5.000	2.913	1.000	3	☺	☺

Ordering example for the grade WJ30CD: MA263.12.7A3A038-WJ30CD

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

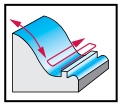
☺ 😐 ☹ / ★ = New addition to the product range

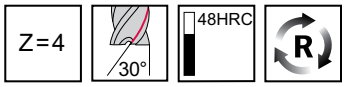
Solid carbide ball-nose copy milling cutters

MC416 Advance inch



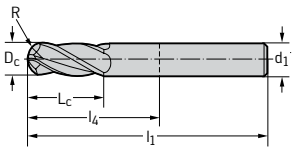
– Type 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	d_c h9	d_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC416.1.59A4D-	1/16"	0.0625	0.031	0.187	2.000	0.583	0.250	4	
MC416.3.18A4D-	1/8"	0.1250	0.063	0.500	2.500	1.083	0.250	4	
MC416.4.75A4D-	3/16"	0.1875	0.094	0.625	2.500	1.083	0.250	4	
MC416.6.35A4D-	1/4"	0.2500	0.125	0.750	2.500	1.083	0.250	4	
MC416.7.94A4D-	5/16"	0.3125	0.156	0.813	3.000	1.437	0.375	4	
MC416.9.53A4D-	3/8"	0.3750	0.188	0.875	3.000	1.437	0.375	4	
MC416.11.1A4D-	7/16"	0.4375	0.219	1.000	3.500	1.717	0.500	4	
MC416.12.7A4D-	1/2"	0.5000	0.250	1.000	3.500	1.717	0.500	4	

Ordering example for the grade WJ30TF: MC416.1.59A4D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

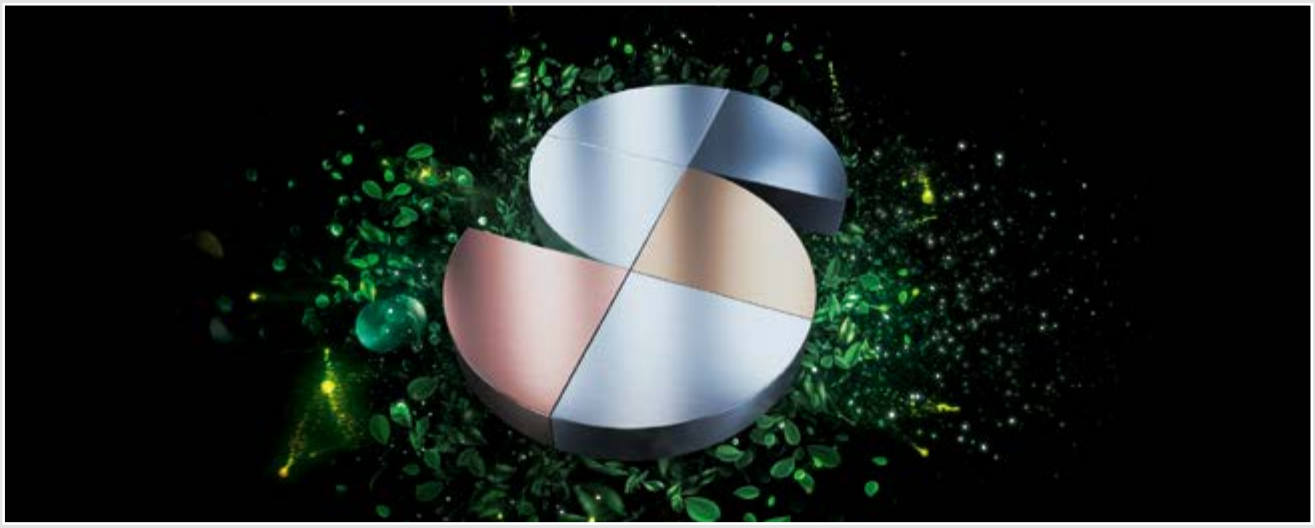
One Step Ahead

With over 3000 new products in inch sizes, Walter takes the lead in solid carbide milling



www.solid-carbide-milling.walter

WALTER PROTOTYP



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO_2 compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating

You can find more information on Walter certification here:



Occupational health and safety
Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management
Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



Quality management
Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

Walter USA

1510 S. Batesville Rd
Greer, SC 29650, USA

Phone: 800-945-5554
Fax: 262-347-2500
service.us@walter-tools.com

walter-tools.com/us
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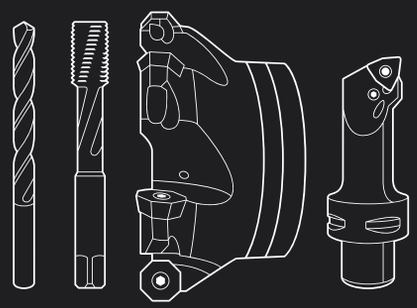

Americas

Walter Canada
Mississauga, Canada
service.ca@walter-tools.com

Walter Mexico
El Marqués, Querétaro, México
service.mx@walter-tools.com

Walter Brazil
Sorocaba – SP, Brazil
service.br@walter-tools.com

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