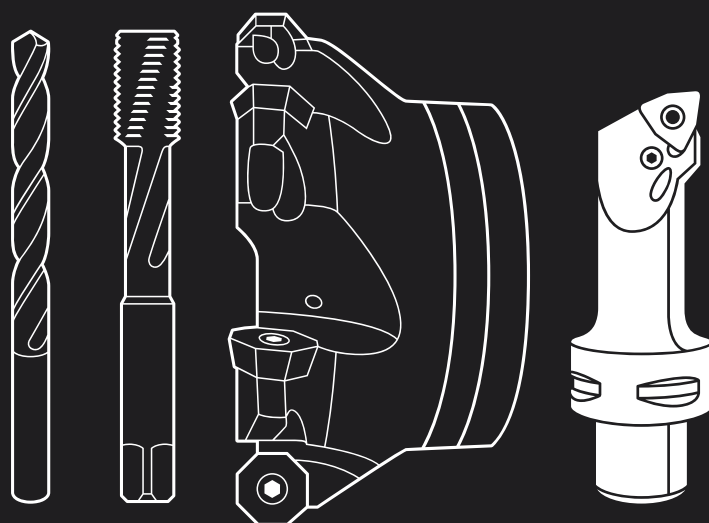


_ METAL IS OUR WORLD

Tools for Turning



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



TOOLSHOP



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.

A - Turning

A1 - ISO turning

| Indexable inserts | Program | Order pages |
|--|---------|-------------|
| ISO indexable inserts – Negative basic shape | A 10 | A 20 |
| ISO indexable inserts – Positive basic shape | A 13 | A 39 |
| Inserts copy turning system – WL | A 16 | A 62 |
| ISO indexable inserts – CBN/PCD/ceramic | A 17 | A 64 |

| Walter Turn turning tools – External machining | Program | Order pages |
|---|---------|-------------|
| Shank tools – Negative basic shape | A 84 | A 105 |
| Shank tools – Positive basic shape | A 90 | A 162 |
| Shank tool – WL copy turning system | A 94 | A 202 |
| Shank tool – Ceramic indexable inserts | A 96 | A 208 |
| Walter Capto™ turning toolholders | A 97 | A 212 |
| Walter Capto™ – WL copy turning system | A 102 | A 248 |
| Walter Capto™ – Negative basic shape, ceramic | A 103 | A 251 |
| Walter Capto™ turning toolholders – Turning and milling centers | A 104 | A 252 |

| Walter Turn turning tools – Internal machining | Program | Order pages |
|---|---------|-------------|
| Boring bars – Negative basic shape | A 258 | A 274 |
| Boring bars – Positive basic shape | A 260 | A 291 |
| Boring bars – WL copy turning system | A 264 | A 324 |
| Boring bar adaptor | A 265 | A 329 |
| Boring bars – Walter Capto™ | A 266 | A 330 |
| Vibration-damped boring bar adaptor – Accure-tec® | A 268 | A 344 |
| Boring bars – QuadFit exchangeable head | A 269 | A 352 |

A2 - Grooving

| Cutting inserts | Program | Order pages |
|--|---------|-------------|
| Single-, double- and multi-edged cutting inserts | A 366 | A 376 |
| Single-edged interchangeable heads | A 374 | A 410 |

| Shank tools | Program | Order pages |
|--------------------------------------|---------|-------------|
| Shank tools/parting blades | A 422 | A 438 |
| Walter Capto™ groove turning holders | A 432 | A 548 |
| Boring bars | A 434 | A 558 |
| QuadFit exchangeable head | A 437 | A 576 |

A3 - Thread turning

| Indexable inserts | Program | Order pages |
|--------------------------|---------|-------------|
| Indexable inserts | A 578 | A 580 |

| Walter TS threading tools | Program | Order pages |
|----------------------------------|---------|-------------|
| Walter TS threading tools | A 594 | A 596 |

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 $70 \times D_c$ 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 CO₂ 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.



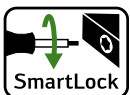
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly 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.

ISO turning

ISO indexable inserts – Negative basic shape

| Machining | Medium machining | | | Roughing | |
|--|------------------|------------------|---|------------------|---------------|
| Geometry | MM5 | MP5 | MU5 NEW | MK5 | NRS |
| Insert basic shape | C, D, S, T, V, W | C, D, S, T, V, W | C, D, S, T, W | C, D, S, T, V, W | C, D, S, T, W |
| P Steel | ● | ●● | ●●● | ● | ● |
| M Stainless steel | ●● | ●● | ●●● | ●● | ● |
| K Cast iron | ● | ● | ● | ●● | ●● |
| N NF metals | ● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● | ● | ● | ●● |
| H Hard materials | | | | | |
| O Other | | | | | |
| a _r [mm] | 0.5–4.5 | 0.5–8.0 | 0.5–7.0 | 0.2–8.0 | 0.8–9.0 |
| f [mm] | 0.10–0.45 | 0.10–0.55 | 0.15–0.55 | 0.10–0.80 | 0.13–0.60 |
| Page in catalogue | 13 | 13 | 14 | 14 | |
| QR code | | | | | |
| www.walter-tools.com/woc/ | MM5 | MP5 | MU5 | MK5 | NRS |

| Machining | Roughing | | | | |
|--|-----------|---------------|------------------|------------|---------------------|
| Geometry | NRT | RM5 | RP5 | RP7 | RK5 |
| Insert basic shape | C, S | C, D, S, T, W | C, D, R, S, T, W | C, S, T, W | C, D, R, S, T, V, W |
| P Steel | | ●● | ●●● | ●● | ●● |
| M Stainless steel | | ●● | ●●● | ●● | ●● |
| K Cast iron | | ● | ● | ●● | ●● |
| N NF metals | | ● | ● | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● | ● | ● | ● |
| H Hard materials | | | | | |
| O Other | | | | | |
| a _r [mm] | 0.8–9.0 | 1.2–8.0 | 0.8–13.0 | 0.8–10.0 | 0.6–8.0 |
| f [mm] | 0.18–0.80 | 0.20–0.80 | 0.15–1.20 | 0.18–1.00 | 0.15–0.90 |
| Page in catalogue | 15 | 15 | 15 | 16 | 16 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | NRT | RM5 | RP5 | RP7 | RK5 |

WALTER SELECT ●● Primary application ● Other application

ISO indexable inserts – Negative basic shape 9











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.

ISO indexable inserts – Negative basic shape

| Machining | Finishing operation | | | | Medium machining |
|--|--|--|---|--|--|
| |  |  |  |  |  |
| Geometry | FW5 | FM5 | NFT | FP5 | MW5 |
| Indexable inserts basic shape | C, D, T, W | C, D, S, T, V, W | C, D, V | C, D, S, T, V, W | C, D, T, W |
| P Steel | ●● | ● | | ●● | ●● |
| M Stainless steel | ●● | ●● | ● | | ●● |
| K Cast iron | ●● | | | ● | ●● |
| N NF metals | | | ● | | |
| S Materials with difficult cutting properties | ● | ●● | ●● | | ● |
| H Hard materials | | | | | |
| O Other | | | | | |
| a_p in [mm] | 0.012-0.118 [0.3-3.0] | 0.004-0.079 [0.1-2.0] | 0.004-0.07 [0.1-2.0] | 0.003-0.098 [0.08-2.5] | 0.003-0.157 [0.8-4.0] |
| f in [mm] | 0.004-0.026 [0.10-0.65] | 0.001-0.010 [0.03-0.25] | 0.002-0.008 [0.04-0.20] | 0.002-0.011 [0.04-0.28] | 0.006-0.028 [0.15-0.70] |
| Page in catalog | A 20 | A 20 | A 20 | A 20 | A 20 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | FW5 | FM5 | NFT | FP5 | MW5 |

| Machining | Medium machining | | | | |
|--|---|---|--|---|---|
| |  |  |  |  |  |
| Geometry | MN3 | NMS | MS3 | NMT | MP3 |
| Indexable inserts basic shape | C, D, V, W | C, D, S, T, V, W | C, D, T, V, W | C, D, W | C, D, S, T, V, W |
| P Steel | ● | | ● | ●● | ●● |
| M Stainless steel | ● | ● | ● | | |
| K Cast iron | | | | | ● |
| N NF metals | ●● | | ● | | |
| S Materials with difficult cutting properties | ● | ●● | ●● | ●● | |
| H Hard materials | | | | | |
| O Other | | | | | |
| a_p in [mm] | 0.020-0.157 [0.5-4.0] | 0.020-0.138 [0.5-3.5] | 0.008-0.197 [0.2-5.0] | 0.016-0.157 [0.4-4.0] | 0.012-0.138 [0.3-3.5] |
| f in [mm] | 0.002-0.016 [0.05-0.40] | 0.003-0.018 [0.08-0.45] | 0.001-0.020 [0.02-0.50] | 0.003-0.013 [0.08-0.32] | 0.002-0.016 [0.06-0.40] |
| Page in catalog | A 20 | A 20 | A 20 | A 20 | A 20 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | MN3 | NMS | MS3 | NMT | MP3 |









ISO indexable inserts – Negative basic shape

| Machining | Medium machining | | | | Roughing |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | | | | | |
| Geometry | MM5 | MP5 | MU5 | MK5 | NRS |
| Indexable inserts basic shape | C, D, S, T, V, W | C, D, S, T, V, W | C, D, S, T, W | C, D, S, T, V, W | C, D, S, T, W |
| P Steel | ● | ●● | ●● | ● | |
| M Stainless steel | ●● | | ●● | | ● |
| K Cast iron | | ● | ● | ●● | |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | ●● | | ● | | ●● |
| H Hard materials | | | | | |
| O Other | | | | | |
| a_p in [mm] | 0.020-0.177 [0.5-4.5] | 0.020-0.315 [0.5-8.0] | 0.020-0.276 [0.5-7.0] | 0.008-0.315 [0.2-8.0] | 0.031-0.354 [0.8-9.0] |
| f in [mm] | 0.004-0.018 [0.10-0.45] | 0.004-0.022 [0.10-0.55] | 0.006-0.022 [0.15-0.55] | 0.004-0.031 [0.10-0.80] | 0.005-0.024 [0.13-0.60] |
| Page in catalog | A 20 | A 20 | A 20 | A 20 | A 20 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | MM5 | MP5 | MU5 | MK5 | NRS |











| Machining | Roughing | | | | |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | | | | | |
| Geometry | NRT | RM5 | RP5 | RP7 | RK5 |
| Indexable inserts basic shape | C, S | C, D, S, T, W | C, D, R, S, T, W | C, S, T, W | C, D, R, S, T, V, W |
| P Steel | | ● | ●● | ●● | |
| M Stainless steel | | ●● | ● | | |
| K Cast iron | | | ● | ●● | ●● |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | ●● | ●● | | | |
| H Hard materials | | | | | ● |
| O Other | | | | | |
| a_p in [mm] | 0.031-0.354 [0.8-9.0] | 0.047-0.315 [1.2-8.0] | 0.031-0.512 [0.8-13.0] | 0.031-0.394 [0.8-10.0] | 0.024-0.315 [0.6-8.0] |
| f in [mm] | 0.007-0.031 [0.18-0.80] | 0.008-0.031 [0.20-0.80] | 0.006-0.047 [0.15-1.20] | 0.007-0.039 [0.18-1.00] | 0.006-0.035 [0.15-0.90] |
| Page in catalog | A 20 | A 20 | A 20 | A 20 | A 20 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | NRT | RM5 | RP5 | RP7 | RK5 |











WALTER SELECT ●● Primary application ● Other application

ISO indexable inserts – Negative basic shape











| Machining | Roughing | Heavy machining | | |
|--|--|--|---|--|
| |  |  |  |  |
| Geometry | RK7 | HU3 | HU5 | HU7 |
| Indexable inserts basic shape | C, D, S, T, W | C, D, S, T, W | C, D, S | C, S, T |
| P Steel | | ●● | ● | ●● |
| M Stainless steel | | ● | ●● | ● |
| K Cast iron | ●● | ● | ● | ●● |
| N NF metals | | | | |
| S Materials with difficult cutting properties | | | ●● | |
| H Hard materials | ●● | | | |
| O Other | | | | |
| a_p in [mm] | 0.031-0.315 [0.8-8.0] | 0.031-0.472 [0.8-12.0] | 0.039-0.472 [1.0-12.0] | 0.059-0.669 [1.5-17.0] |
| f in [mm] | 0.008-0.031 [0.20-0.80] | 0.010-0.047 [0.25-1.20] | 0.010-0.047 [0.25-1.20] | 0.016-0.063 [0.40-1.60] |
| Page in catalog | A 20 | A 20 | A 20 | A 20 |
| QR code |  |  |  |  |
| www.walter-tools.com/woc/ | RK7 | HU3 | HU5 | HU7 |











Positive basic shape 5°/7°/11° – Carbide

| Machining | Finishing operation | | | | |
|--|--|--|---|--|--|
| |  |  |  |  |  |
| Geometry | FW4 | FL2 | FN2 | FM2 | FP2 |
| Indexable inserts basic shape | C, D, T | C, D, V | C, D, S, T, V, W | C, D, S, T, V, W | C, D, T, V |
| P Steel | ●● | ●● | ● | ●● | ●● |
| M Stainless steel | ●● | ●● | ● | ●● | ●● |
| K Cast iron | ●● | | ● | ● | ●● |
| N NF metals | | | ●● | ●● | ● |
| S Materials with difficult cutting properties | ● | ● | ● | ●● | ● |
| H Hard materials | | | | | |
| O Other | | | ● | | |
| a_p in [mm] | 0.004-0.098 [0.1-2.5] | 0.004-0.059 [0.1-1.5] | 0.005-0.138 [0.12-3.5] | 0.004-0.138 [0.1-3.5] | 0.004-0.118 [0.1-3.0] |
| f in [mm] | 0.001-0.020 [0.03-0.50] | 0.002-0.008 [0.04-0.20] | 0.001-0.012 [0.02-0.30] | 0.001-0.012 [0.02-0.30] | 0.0004-0.012 [0.01-0.30] |
| Page in catalog | A 39 | A 39 | A 39 | A 39 | A 39 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | FW4 | FL2 | FN2 | FM2 | FP2 |

| Machining | Finishing operation | | | | |
|--|---|---|--|---|---|
| |  |  |  |  |  |
| Geometry | FX4 | FM4 | FP4 | FM6 | FP6 |
| Indexable inserts basic shape | C, D, T, V | C, D, R, S, T, V, W | C, D, R, S, T, V, W | C, D, S, T, V | C, D, S, T, V, W |
| P Steel | ●● | ● | ●● | ● | ●● |
| M Stainless steel | ● | ●● | ● | ●● | ● |
| K Cast iron | ● | | ● | | ● |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | | ●● | ● | ●● | ● |
| H Hard materials | | | | | |
| O Other | | | | | |
| a_p in [mm] | 0.002-0.098 [0.05-2.5] | 0.004-0.197 [0.1-5.0] | 0.004-0.197 [0.1-5.0] | 0.012-0.098 [0.3-2.5] | 0.012-0.098 [0.3-2.5] |
| f in [mm] | 0.001-0.010 [0.02-0.25] | 0.001-0.016 [0.02-0.40] | 0.001-0.016 [0.02-0.40] | 0.003-0.013 [0.08-0.32] | 0.002-0.013 [0.06-0.32] |
| Page in catalog | A 39 | A 39 | A 39 | A 39 | A 39 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | FX4 | FM4 | FP4 | FM6 | FP6 |

Positive basic shape 5°/7°/11° – Carbide









| Machining | Finishing operation | Medium machining | | | |
|--|--|--|---|--|--|
| |  |  |  |  |  |
| Geometry | FK6 | MW4 | MN2 | MM4 | MP4 |
| Indexable inserts basic shape | C, D, S, T, V | C, D, T | C, D, R, S, T, V, W | C, D, S, T, V, W | C, D, S, T, V, W |
| P Steel | ● | ●● | ● | ● | ●● |
| M Stainless steel | ● | ●● | ● | ●● | ● |
| K Cast iron | ●● | ●● | ● | ● | ● |
| N NF metals | | | ●● | | |
| S Materials with difficult cutting properties | ● | ● | ● | ●● | ● |
| H Hard materials | | | | | |
| O Other | | | ● | | |
| a_p in [mm] | 0.012-0.098 [0.3-2.5] | 0.020-0.177 [0.5-4.5] | 0.020-0.236 [0.5-6.0] | 0.004-0.138 [0.1-3.5] | 0.012-0.138 [0.3-3.5] |
| f in [mm] | 0.002-0.013 [0.06-0.32] | 0.005-0.022 [0.12-0.55] | 0.001-0.031 [0.02-0.80] | 0.002-0.014 [0.04-0.35] | 0.002-0.014 [0.06-0.35] |
| Page in catalog | A 39 | A 39 | A 39 | A 39 | A 39 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | FK6 | MW4 | MN2 | MM4 | MP4 |

| Machining | Medium machining | | | | Roughing |
|--|---|---|--|---|---|
| |  |  |  |  |  |
| Geometry | MK4 | MP6 | ..GN | ..MR | RM4 |
| Indexable inserts basic shape | C, D, S, T, V | C, D, T, V | T | T | C, D, R, S, T, V, W |
| P Steel | ● | ●● | ●● | ●● | ● |
| M Stainless steel | ● | ● | ● | ● | ●● |
| K Cast iron | ●● | ● | ● | ●● | ● |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | ● | ● | ● | ● | ●● |
| H Hard materials | | | | | |
| O Other | | | | | |
| a_p in [mm] | 0.016-0.138 [0.4-3.5] | 0.016-0.157 [0.4-4.0] | 0.016-0.118 [0.4-3.0] | 0.016-0.157 [0.4-4.0] | 0.008-0.276 [0.2-7.0] |
| f in [mm] | 0.003-0.014 [0.08-0.35] | 0.003-0.016 [0.08-0.40] | 0.004-0.012 [0.10-0.30] | 0.005-0.012 [0.12-0.30] | 0.003-0.047 [0.08-1.20] |
| Page in catalog | A 39 | A 39 | A 56 | A 56 | A 39 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | MK4 | MP6 | GN | MR | RM4 |











WALTER SELECT

●● Primary application ● Other application

Positive basic shape 5°/7°/11° – Carbide

| Machining | Roughing | | | Heavy machining |
|--|--|--|---|--|
| |  |  |  |  |
| Geometry | RP4 | RK4 | RK6 | HU6 |
| Indexable inserts basic shape | C, D, R, S, T, V, W | C, D, R, S, T, V, W | C, D, S, T, V | R |
| P Steel | ●● | ● | | ●● |
| M Stainless steel | ● | ● | | |
| K Cast iron | ● | ●● | ●● | ●● |
| N NF metals | | | | |
| S Materials with difficult cutting properties | ● | ● | | |
| H Hard materials | | | ● | |
| O Other | | | | |
| a_p in [mm] | 0.008-0.276 [0.2-7.0] | 0.016-0.276 [0.4-7.0] | 0.008-0.197 [0.2-5.0] | 0.039-0.591 [1.0-15.0] |
| f in [mm] | 0.003-0.047 [0.08-1.20] | 0.003-0.047 [0.08-1.20] | 0.003-0.020 [0.08-0.50] | 0.005-0.067 [0.12-1.70] |
| Page in catalog | A 39 | A 39 | A 39 | A 47 |
| QR code |  |  |  |  |
| www.walter-tools.com/woc/ | RP4 | RK4 | RK6 | HU6 |

Inserts copy turning system – WL

| Machining | Finishing operation | | Medium machining | | |
|--|--|--|---|--|--|
| |  |  |  |  |  |
| Geometry | FM4 | FP4 | MM4 | MP4 | MU6 |
| Indexable inserts basic shape | WL | WL | WL | WL | WL |
| P Steel | ● | ●● | ● | ●● | ●● |
| M Stainless steel | ●● | ● | ●● | ● | ●● |
| K Cast iron | | ● | ● | ● | ●● |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | ●● | ● | ●● | ● | ●● |
| H Hard materials | | | | | ● |
| O Other | | | | | |
| a_p in [mm] | 0.004-0.079 [0.1-2.0] | 0.004-0.079 [0.1-2.0] | 0.016-0.098 [0.4-2.5] | 0.016-0.098 [0.4-2.5] | 0.020-0.098 [0.5-2.5] |
| f in [mm] | 0.002-0.010 [0.04-0.25] | 0.002-0.010 [0.05-0.25] | 0.003-0.016 [0.08-0.40] | 0.003-0.016 [0.08-0.40] | 0.005-0.018 [0.12-0.45] |
| Page in catalog | A 62 | A 62 | A 62 | A 62 | |
| QR code |  |  |  |  |  |
| | FM4 | FP4 | MM4 | MP4 | MU6 |





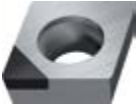





www.walter-tools.com/woc/





ISO indexable inserts – CBN/PCD/ceramic

| Cutting tool material | CBN | | | | |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | | | | | |
| Geometry | EM | TS | TS-MW | TM | TM-M |
| Indexable inserts basic shape | C, D, V | C, D, S, T, V, W | C | C, D, S, T, V, W | C, D |
| P Steel | | | | | |
| M Stainless steel | | | | | |
| K Cast iron | | ●● | | | |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | ●● | | | | |
| H Hard materials | | ●● | ●● | ●● | ●● |
| O Other | | | | | |
| a_p in [mm] | 0.004-0.039 [0.1-1.0] | 0.002-0.079 [0.05-2.0] | 0.004-0.020 [0.1-0.5] | 0.004-0.039 [0.1-1.0] | 0.004-0.039 [0.1-1.0] |
| f in [mm] | 0.002-0.010 [0.05-0.25] | 0.001-0.012 [0.02-0.30] | 0.002-0.008 [0.05-0.20] | 0.002-0.012 [0.05-0.30] | 0.002-0.012 [0.05-0.30] |
| Page in catalog | A 64 | A 64 | A 70 | A 64 | A 64 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | EM | TS | TS-MW | TM | TM-M |



| Cutting tool material | CBN | | | Ceramic | |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | | | | | |
| Geometry | TM-MW | TS-0 | TM-S | E | T01020 |
| Indexable inserts basic shape | C, D | R | C, R, S | R | C, R, S |
| P Steel | | | | | |
| M Stainless steel | | | | | |
| K Cast iron | | ●● | ●● | | |
| N NF metals | | | | | |
| S Materials with difficult cutting properties | | | | ●● | ●● |
| H Hard materials | ●● | | ● | | ● |
| O Other | | | | | |
| a_p in [mm] | 0.004-0.039 [0.1-1.0] | 0.004-0.197 [0.1-5.0] | 0.004-0.197 [0.1-5.0] | 0.004-0.142 [0.1-3.6] | 0.004-0.177 [0.1-4.5] |
| f in [mm] | 0.002-0.020 [0.05-0.50] | 0.002-0.016 [0.05-0.40] | 0.002-0.020 [0.05-0.50] | 0.004-0.126 [0.10-0.32] | 0.004-0.017 [0.10-0.42] |
| Page in catalog | A 64 | A 65 | A 64 | | A 79 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | TM-MW | TS-0 | TM-S | E | T01020 |

ISO indexable inserts – CBN/PCD/ceramic

| Cutting tool material | Keramik | | | PCD | |
|--|--|--|---|--|--|
| |  |  |  |  |  |
| Geometry | T02020 | SM | SM-MWS | T-FS | W-FS |
| Indexable inserts basic shape | C, D, S, T, W | C, D, S, T, V, W | C | C, D, V | C, D, S, T, V |
| P Steel | | | | | |
| M Stainless steel | | | | | |
| K Cast iron | ●● | | | | |
| N NF metals | | | | ●● | ●● |
| S Materials with difficult cutting properties | | | | ● | ● |
| H Hard materials | | ●● | ●● | | |
| O Other | | | | ●● | ●● |
| a_p in [mm] | 0.004-0.236 [0.1-6.0] | 0.004-0.039 [0.1-1.0] | 0.004-0.039 [0.1-1.0] | 0.002-0.157 [0.05-4.0] | 0.002-0.157 [0.05-4.0] |
| f in [mm] | 0.004-0.031 [0.10-0.80] | 0.002-0.012 [0.05-0.30] | 0.002-0.014 [0.05-0.35] | 0.001-0.015 [0.03-0.38] | 0.001-0.015 [0.03-0.38] |
| Page in catalog | A 79 | A 79 | A 79 | A 73 | A 73 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | T02020 | SM | SM-MWS | T-FS | W-FS |

| Cutting tool material | PKD | |
|--|---|---|
| |  |  |
| Geometry | FS-M | FS-9 |
| Indexable inserts basic shape | C, D | C, S, T |
| P Steel | | |
| M Stainless steel | | |
| K Cast iron | | |
| N NF metals | ●● | ●● |
| S Materials with difficult cutting properties | ● | ● |
| H Hard materials | | |
| O Other | ●● | ●● |
| a_p in [mm] | 0.004-0.079 [0.1-2.0] | 0.002-0.602 [0.05-15.3] |
| f in [mm] | 0.003-0.008 [0.08-0.20] | 0.001-0.015 [0.03-0.38] |
| Page in catalog | A 73 | A 73 |
| QR code |  |  |
| www.walter-tools.com/woc/ | FS-M | FS-9 |

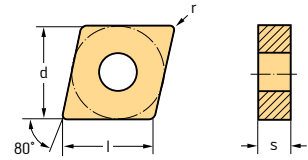
Indexable inserts for copy turning system – WL CBN inserts

| | | |
|--|--|--|
| Machining | Medium machining | |
| |  | |
| Geometry | TM | |
| Indexable inserts basic shape | WL | |
| P Steel | | |
| M Stainless steel | | |
| K Cast iron | | |
| N NF metals | | |
| S Materials with difficult cutting properties | | |
| H Hard materials | ● ● | |
| O Other | | |
| a_p in [mm] | 0.004-0.098 [0.1–2.5] | |
| f in [mm] | 0.001-0.020 [0.02–0.50] | |
| Page in catalog | A 83 | |
| QR code |  | |
| www.walter-tools.com/woc/ | TM | |

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | | | | | M | | | | K | | | N | | S | | | |
|------------------|------------------|-----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WKP30S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S |
| Wiper | CNMG431-FW5 | CNMG120404-FW5 | 0.508 | 0.016 | 0.004-0.016 | 0.012-0.118 | ☺ | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | | | |
| | CNMG432-FW5 | CNMG120408-FW5 | 0.508 | 0.032 | 0.006-0.024 | 0.016-0.118 | ☺ | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | | | |
| | CNMG431-NFT | CNMG120404-NFT | 0.508 | 0.016 | 0.003-0.007 | 0.016-0.059 | | | | | | | | | | ☺ | | | | | | | | | ☺ | ☺ | | |
| | CNMG432-NFT | CNMG120408-NFT | 0.508 | 0.032 | 0.004-0.008 | 0.02-0.079 | | | | | | | | | | ☺ | | | | | | | | | ☺ | ☺ | | |
| | CNGG431-NFT | CNGG120404-NFT | 0.508 | 0.016 | 0.002-0.006 | 0.012-0.059 | | | | | | | | | | | | | | | | | | | | ☺ | | |
| | CNGG432-NFT | CNGG120408-NFT | 0.508 | 0.032 | 0.003-0.007 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | ☺ | | |
| | CNMG4(3)0.5-FM5 | CNMG120402-FM5 | 0.508 | 0.008 | 0.001-0.004 | 0.004-0.039 | | | | | | | | | | ☺ | ☺ | | | | | | | | ☺ | ☺ | | |
| | CNMG431-FM5 | CNMG120404-FM5 | 0.508 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG432-FM5 | CNMG120408-FM5 | 0.508 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG433-FM5 | CNMG120412-FM5 | 0.508 | 0.047 | 0.004-0.01 | 0.02-0.079 | | | | | | | | ☺ | | | | | | | | | | | ☺ | | | |
| Wiper | CNMG321-FP5 | CNMG090304-FP5 | 0.381 | 0.016 | 0.002-0.008 | 0.004-0.059 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | CNMG322-FP5 | CNMG090308-FP5 | 0.381 | 0.032 | 0.003-0.010 | 0.008-0.079 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | CNMG4(3)0.5-FP5 | CNMG120402-FP5 | 0.508 | 0.008 | 0.002-0.005 | 0.004-0.020 | | | | | | | | | | ☺ | | | | | | | | | | | | |
| | CNMG431-FP5 | CNMG120404-FP5 | 0.508 | 0.016 | 0.002-0.008 | 0.004-0.059 | | ☺ | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | |
| | CNMG432-FP5 | CNMG120408-FP5 | 0.508 | 0.032 | 0.003-0.010 | 0.008-0.079 | | ☺ | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | |
| | CNMG433-FP5 | CNMG120412-FP5 | 0.508 | 0.047 | 0.004-0.010 | 0.020-0.098 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| Wiper | CNMG432-MW5 | CNMG120408-MW5 | 0.508 | 0.032 | 0.008-0.026 | 0.031-0.157 | | ☺ | ☺ | ☺ | | | | | | ☺ | | ☺ | ☺ | | | | | | | | | |
| | CNMG433-MW5 | CNMG120412-MW5 | 0.508 | 0.047 | 0.010-0.028 | 0.059-0.157 | | ☺ | ☺ | ☺ | | | | | | ☺ | | ☺ | ☺ | | | | | | | | | |
| | CNGG4(3)0.5M-MN3 | CNGG120402M-MN3 | 0.508 | 0.007 | 0.002-0.005 | 0.020-0.118 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | CNGG431M-MN3 | CNGG120404M-MN3 | 0.508 | 0.015 | 0.003-0.012 | 0.031-0.157 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | CNGG432M-MN3 | CNGG120408M-MN3 | 0.508 | 0.03 | 0.004-0.016 | 0.039-0.157 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | CNMG431-MS3 | CNMG120404-MS3 | 0.508 | 0.016 | 0.005-0.010 | 0.024-0.118 | | | ☺ | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG432-MS3 | CNMG120408-MS3 | 0.508 | 0.032 | 0.006-0.012 | 0.031-0.118 | | | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG433-MS3 | CNMG120412-MS3 | 0.508 | 0.047 | 0.006-0.016 | 0.039-0.138 | | | ☺ | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG643-MS3 | CNMG190612-MS3 | 0.761 | 0.047 | 0.007-0.020 | 0.047-0.197 | | | | | | | | | ☺ | | | | | | | | | ☺ | ☺ | | | |

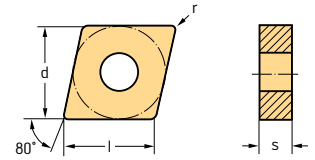
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | | | M | | | | K | | | N | | S | | | | | | | | | |
|------------------|-----------------|----------------|---------|---------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|------|---|--|--|
| | | | | | | HC | | | | HE | | | | HC | | | | HC | | | HC | HW | HC | | | HW | | | | | | |
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WKP30S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | WS10 | | | |
| | CNGG4(3)0.2-MS3 | CNGG120401-MS3 | 0.508 | 0.004 | 0.001-0.002 | 0.008-0.098 | | | | | | | | ☺ | | | | | | | | | | | ☺ | | | | | | | |
| | CNGG4(3)0.5-MS3 | CNGG120402-MS3 | 0.508 | 0.008 | 0.002-0.005 | 0.016-0.098 | | | | | | | | ☺ | | | | | | | | | | | ☺ | | | | | | | |
| | CNGG431-MS3 | CNGG120404-MS3 | 0.508 | 0.016 | 0.004-0.010 | 0.024-0.118 | | | | | | | | ☺ | | | | | | | | | | | ☺ | | | | | | | |
| | CNGG432-MS3 | CNGG120408-MS3 | 0.508 | 0.032 | 0.005-0.012 | 0.031-0.118 | | | | | | | | ☺ | | | | | | | | | | | ☺ | | | | | | | |
| | CNMG432-NMT | CNMG120408-NMT | 0.508 | 0.032 | 0.005-0.012 | 0.031-0.157 | | | | | | | | | | ☺ | | | | | | | | | | | ☺ | | ☺ | ☺ | | |
| | CNMG433-NMT | CNMG120412-NMT | 0.508 | 0.047 | 0.006-0.013 | 0.039-0.157 | | | | | | | | | | | ☺ | | | | | | | | | | ☺ | | ☺ | ☺ | | |
| | CNMG431-NMS | CNMG120404-NMS | 0.508 | 0.016 | 0.004-0.009 | 0.024-0.098 | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | | |
| | CNMG432-NMS | CNMG120408-NMS | 0.508 | 0.032 | 0.005-0.013 | 0.031-0.138 | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | | |
| | CNMG433-NMS | CNMG120412-NMS | 0.508 | 0.047 | 0.006-0.014 | 0.039-0.138 | | | | | | | | ☺ | | ☺ | | | | | | | | | | ☺ | ☺ | | ☺ | ☺ | | |
| | CNMG321-MP3 | CNMG090304-MP3 | 0.381 | 0.016 | 0.002-0.008 | 0.012-0.087 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG322-MP3 | CNMG090308-MP3 | 0.381 | 0.032 | 0.004-0.011 | 0.024-0.118 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | |
| | CNMG431-MP3 | CNMG120404-MP3 | 0.508 | 0.016 | 0.003-0.009 | 0.012-0.098 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | |
| | CNMG432-MP3 | CNMG120408-MP3 | 0.508 | 0.032 | 0.005-0.013 | 0.024-0.126 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | CNMG433-MP3 | CNMG120412-MP3 | 0.508 | 0.047 | 0.006-0.016 | 0.031-0.138 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | CNMG431-MM5 | CNMG120404-MM5 | 0.508 | 0.016 | 0.004-0.008 | 0.020-0.118 | | | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG432-MM5 | CNMG120408-MM5 | 0.508 | 0.032 | 0.006-0.013 | 0.031-0.118 | | | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG433-MM5 | CNMG120412-MM5 | 0.508 | 0.047 | 0.006-0.014 | 0.031-0.138 | | | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG434-MM5 | CNMG120416-MM5 | 0.508 | 0.063 | 0.006-0.016 | 0.039-0.157 | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG542-MM5 | CNMG160608-MM5 | 0.635 | 0.032 | 0.006-0.014 | 0.031-0.177 | | | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG543-MM5 | CNMG160612-MM5 | 0.635 | 0.047 | 0.007-0.016 | 0.031-0.177 | | | | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG544-MM5 | CNMG160616-MM5 | 0.635 | 0.063 | 0.008-0.018 | 0.039-0.177 | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | | |
| | CNMG431-MP5 | CNMG120404-MP5 | 0.508 | 0.016 | 0.006-0.01 | 0.02-0.157 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | |
| | CNMG432-MP5 | CNMG120408-MP5 | 0.508 | 0.032 | 0.007-0.016 | 0.024-0.197 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | | | | | | | | | | | | |
| | CNMG433-MP5 | CNMG120412-MP5 | 0.508 | 0.047 | 0.008-0.018 | 0.039-0.197 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | CNMG434-MP5 | CNMG120416-MP5 | 0.508 | 0.063 | 0.010-0.020 | 0.047-0.197 | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | CNMG542-MP5 | CNMG160608-MP5 | 0.635 | 0.032 | 0.010-0.016 | 0.031-0.276 | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | CNMG543-MP5 | CNMG160612-MP5 | 0.635 | 0.047 | 0.012-0.020 | 0.039-0.276 | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | CNMG544-MP5 | CNMG160616-MP5 | 0.635 | 0.063 | 0.014-0.022 | 0.047-0.276 | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT

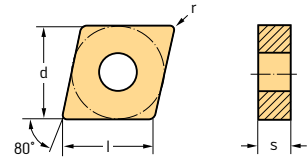
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | F in | ap in | P | | | | | | | | | | M | | | | K | | | N | | S | | | | | | | | | | | |
|------------------|-------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|------|--|--|--|--|--|--|--|
| | | | | | | HC | | | | | HE | | HC | | | HC | | | HC | HW | HC | | HW | | | | | | | | | | | | | |
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WPP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WKP30S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | WS10 | | | | | | | |
| | CNMG431-MU5 | CNMG120404-MU5 | 0.508 | 0.016 | 0.006-0.012 | 0.020-0.157 | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG432-MU5 | CNMG120408-MU5 | 0.508 | 0.032 | 0.006-0.016 | 0.024-0.197 | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG433-MU5 | CNMG120412-MU5 | 0.508 | 0.047 | 0.008-0.020 | 0.039-0.197 | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG434-MU5 | CNMG120416-MU5 | 0.508 | 0.063 | 0.010-0.022 | 0.047-0.197 | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG543-MU5 | CNMG160612-MU5 | 0.635 | 0.047 | 0.012-0.022 | 0.039-0.276 | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG544-MU5 | CNMG160616-MU5 | 0.635 | 0.063 | 0.014-0.022 | 0.047-0.276 | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG322-MK5 | CNMG090308-MK5 | 0.381 | 0.032 | 0.004-0.008 | 0.008-0.118 | | | | | | | | | | | | | | | ☺ | | | | | | | | | | | | | | | |
| | CNMG431-MK5 | CNMG120404-MK5 | 0.508 | 0.016 | 0.006-0.010 | 0.024-0.197 | | | | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | | | | | | |
| | CNMG432-MK5 | CNMG120408-MK5 | 0.508 | 0.032 | 0.010-0.020 | 0.031-0.197 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG433-MK5 | CNMG120412-MK5 | 0.508 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG434-MK5 | CNMG120416-MK5 | 0.508 | 0.063 | 0.014-0.020 | 0.059-0.197 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG542-MK5 | CNMG160608-MK5 | 0.635 | 0.032 | 0.010-0.020 | 0.031-0.276 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG543-MK5 | CNMG160612-MK5 | 0.635 | 0.047 | 0.012-0.024 | 0.047-0.276 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG544-MK5 | CNMG160616-MK5 | 0.635 | 0.063 | 0.014-0.024 | 0.059-0.276 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG643-MK5 | CNMG190612-MK5 | 0.761 | 0.047 | 0.012-0.026 | 0.047-0.315 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG644-MK5 | CNMG190616-MK5 | 0.761 | 0.063 | 0.014-0.031 | 0.059-0.315 | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | CNMG432-NRT | CNMG120408-NRT | 0.508 | 0.032 | 0.007-0.014 | 0.039-0.236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG433-NRT | CNMG120412-NRT | 0.508 | 0.047 | 0.008-0.016 | 0.047-0.236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG543-NRT | CNMG160612-NRT | 0.635 | 0.047 | 0.011-0.022 | 0.059-0.295 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG644-NRT | CNMG190616-NRT | 0.761 | 0.063 | 0.014-0.028 | 0.079-0.354 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG432-NRS | CNMG120408-NRS | 0.508 | 0.032 | 0.006-0.014 | 0.039-0.157 | | | | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG433-NRS | CNMG120412-NRS | 0.508 | 0.047 | 0.007-0.016 | 0.047-0.157 | | | | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG543-NRS | CNMG160612-NRS | 0.635 | 0.047 | 0.008-0.018 | 0.047-0.256 | | | | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG544-NRS | CNMG160616-NRS | 0.635 | 0.063 | 0.009-0.020 | 0.059-0.256 | | | | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG642-NRS | CNMG190608-NRS | 0.761 | 0.032 | 0.008-0.018 | 0.039-0.315 | | | | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CNMG643-NRS | CNMG190612-NRS | 0.761 | 0.047 | 0.009-0.020 | 0.047-0.335 | | | | ☺ | | | | | | | | | | | | | | | | | | | | | | | | | | |

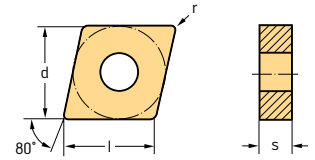
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | M | | | | K | | | N | | S | | | | | | | | |
|------------------|-------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WKP30S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S |
| | CNMG432-RM5 | CNMG120408-RM5 | 0.508 | 0.032 | 0.008-0.016 | 0.047-0.197 | | ☺ | ☺ | ☺ | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | ☺ | | |
| | CNMG433-RM5 | CNMG120412-RM5 | 0.508 | 0.047 | 0.01-0.02 | 0.059-0.197 | | ☺ | ☺ | ☺ | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | ☺ | | |
| | CNMG434-RM5 | CNMG120416-RM5 | 0.508 | 0.063 | 0.012-0.022 | 0.079-0.197 | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | |
| | CNMG542-RM5 | CNMG160608-RM5 | 0.635 | 0.032 | 0.009-0.018 | 0.047-0.276 | | | | | | | | ☺ | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ | ☺ | |
| | CNMG543-RM5 | CNMG160612-RM5 | 0.635 | 0.047 | 0.010-0.024 | 0.059-0.276 | | | | ☺ | | | | ☺ | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ | ☺ | |
| | CNMG544-RM5 | CNMG160616-RM5 | 0.635 | 0.063 | 0.012-0.026 | 0.079-0.276 | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | |
| | CNMG643-RM5 | CNMG190612-RM5 | 0.761 | 0.047 | 0.010-0.024 | 0.059-0.315 | | | | ☺ | | | | ☺ | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ | ☺ | |
| | CNMG644-RM5 | CNMG190616-RM5 | 0.761 | 0.063 | 0.012-0.031 | 0.079-0.315 | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | |
| | CNMG432-RP5 | CNMG120408-RP5 | 0.508 | 0.032 | 0.008-0.016 | 0.031-0.236 | | ☺ | ☺ | ☺ | | | | | | | ☺ | | | | | | | | | | |
| | CNMG433-RP5 | CNMG120412-RP5 | 0.508 | 0.047 | 0.010-0.024 | 0.039-0.236 | | ☺ | ☺ | ☺ | ☺ | | | | | | ☺ | | | | | | | | | | |
| | CNMG434-RP5 | CNMG120416-RP5 | 0.508 | 0.063 | 0.014-0.028 | 0.063-0.236 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG542-RP5 | CNMG160608-RP5 | 0.635 | 0.032 | 0.010-0.020 | 0.039-0.315 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG543-RP5 | CNMG160612-RP5 | 0.635 | 0.047 | 0.014-0.026 | 0.047-0.315 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG544-RP5 | CNMG160616-RP5 | 0.635 | 0.063 | 0.016-0.028 | 0.063-0.315 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG546-RP5 | CNMG160624-RP5 | 0.635 | 0.095 | 0.016-0.035 | 0.079-0.315 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CNMG642-RP5 | CNMG190608-RP5 | 0.761 | 0.032 | 0.010-0.020 | 0.039-0.394 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG643-RP5 | CNMG190612-RP5 | 0.761 | 0.047 | 0.012-0.028 | 0.047-0.394 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG644-RP5 | CNMG190616-RP5 | 0.761 | 0.063 | 0.014-0.031 | 0.063-0.394 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG432-RP7 | CNMG120408-RP7 | 0.508 | 0.032 | 0.007-0.016 | 0.031-0.197 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | CNMG433-RP7 | CNMG120412-RP7 | 0.508 | 0.047 | 0.010-0.020 | 0.047-0.197 | | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | CNMG434-RP7 | CNMG120416-RP7 | 0.508 | 0.063 | 0.014-0.020 | 0.059-0.197 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG542-RP7 | CNMG160608-RP7 | 0.635 | 0.032 | 0.012-0.020 | 0.031-0.236 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | CNMG543-RP7 | CNMG160612-RP7 | 0.635 | 0.047 | 0.014-0.024 | 0.047-0.236 | | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | CNMG544-RP7 | CNMG160616-RP7 | 0.635 | 0.063 | 0.016-0.024 | 0.059-0.236 | | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | CNMG643-RP7 | CNMG190612-RP7 | 0.761 | 0.047 | 0.014-0.024 | 0.047-0.276 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | CNMG644-RP7 | CNMG190616-RP7 | 0.761 | 0.063 | 0.014-0.030 | 0.059-0.276 | | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | CNMG866-RP7 | CNMG250924-RP7 | 1.015 | 0.095 | 0.018-0.039 | 0.118-0.354 | | | | ☺ | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

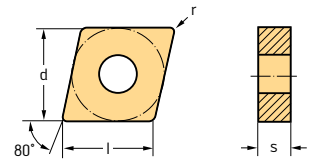
HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT




Optimum indexable insert for → Good = ☺ → Average = ☺ → Poor = ☺ machining conditions

☺ ☺ ☺ / * = New addition to the product range

Turning Insert – Negative rhombic 80°
CNMG / CNGG / CNMA / CNMM
Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | | | | | M | | | | K | | | | N | | S | | | | | | |
|---|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|------|--|--|--|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WPP20S | WPP30G | WPP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WKP30S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | WS10 | | | |
|  CNMA431-RK5 | CNMA120404-RK5 | 0.508 | 0.016 | 0.006-0.010 | 0.024-0.197 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA432-RK5 | CNMA120408-RK5 | 0.508 | 0.032 | 0.010-0.020 | 0.031-0.197 | | | | | | | | | ☹ | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA433-RK5 | CNMA120412-RK5 | 0.508 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA434-RK5 | CNMA120416-RK5 | 0.508 | 0.063 | 0.014-0.028 | 0.059-0.197 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA543-RK5 | CNMA160612-RK5 | 0.635 | 0.047 | 0.014-0.028 | 0.047-0.276 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA544-RK5 | CNMA160616-RK5 | 0.635 | 0.063 | 0.014-0.031 | 0.059-0.276 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA643-RK5 | CNMA190612-RK5 | 0.761 | 0.047 | 0.012-0.026 | 0.047-0.315 | | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | |
| CNMA644-RK5 | CNMA190616-RK5 | 0.761 | 0.063 | 0.014-0.031 | 0.059-0.315 | | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | |
| CNMA646-RK5 | CNMA190624-RK5 | 0.761 | 0.095 | 0.016-0.035 | 0.098-0.315 | | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | |
|  CNMA432-RK7 | CNMA120408-RK7 | 0.508 | 0.032 | 0.010-0.020 | 0.031-0.197 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA433-RK7 | CNMA120412-RK7 | 0.508 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA434-RK7 | CNMA120416-RK7 | 0.508 | 0.063 | 0.014-0.028 | 0.059-0.197 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA543-RK7 | CNMA160612-RK7 | 0.635 | 0.047 | 0.014-0.028 | 0.047-0.276 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA544-RK7 | CNMA160616-RK7 | 0.635 | 0.063 | 0.014-0.031 | 0.059-0.276 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
| CNMA644-RK7 | CNMA190616-RK7 | 0.761 | 0.063 | 0.014-0.031 | 0.059-0.315 | | | | | | | | | | | | | | ☹ | ☹ | | | | | | | | | | | | |
|  CNMM432-HU3 | CNMM120408-HU3 | 0.508 | 0.032 | 0.012-0.020 | 0.031-0.276 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM433-HU3 | CNMM120412-HU3 | 0.508 | 0.047 | 0.014-0.028 | 0.047-0.276 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM434-HU3 | CNMM120416-HU3 | 0.508 | 0.063 | 0.016-0.031 | 0.063-0.276 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM543-HU3 | CNMM160612-HU3 | 0.635 | 0.047 | 0.014-0.028 | 0.047-0.354 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM544-HU3 | CNMM160616-HU3 | 0.635 | 0.063 | 0.016-0.035 | 0.063-0.354 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM546-HU3 | CNMM160624-HU3 | 0.635 | 0.095 | 0.018-0.039 | 0.094-0.354 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM643-HU3 | CNMM190612-HU3 | 0.761 | 0.047 | 0.014-0.028 | 0.047-0.394 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM644-HU3 | CNMM190616-HU3 | 0.761 | 0.063 | 0.016-0.035 | 0.063-0.394 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM646-HU3 | CNMM190624-HU3 | 0.761 | 0.095 | 0.018-0.043 | 0.094-0.394 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |
| CNMM866-HU3 | CNMM250924-HU3 | 1.015 | 0.095 | 0.018-0.047 | 0.094-0.472 | | | ☹ | ☹ | ☹ | ☹ | | | | | | | | | | | | | | | | | | | | | |

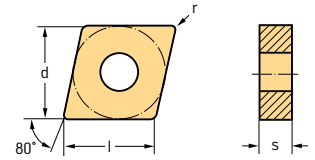
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | | | | | M | | | K | | | N | | S | | | | |
|------------------|----------------|----------------|---------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WKP30S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S |
| | CNMM432-HU5 | CNMM120408-HU5 | 0.508 | 0.032 | 0.010-0.022 | 0.039-0.276 | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | |
| | CNMM433-HU5 | CNMM120412-HU5 | 0.508 | 0.047 | 0.012-0.028 | 0.059-0.276 | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | |
| | CNMM543-HU5 | CNMM160612-HU5 | 0.635 | 0.047 | 0.014-0.028 | 0.059-0.354 | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | |
| | CNMM544-HU5 | CNMM160616-HU5 | 0.635 | 0.063 | 0.016-0.031 | 0.079-0.354 | | ☺ | ☺ | | | | | | | ☺ | | | | | | | | | | ☺ | ☺ | |
| | CNMM643-HU5 | CNMM190612-HU5 | 0.761 | 0.047 | 0.014-0.028 | 0.059-0.394 | | ☺ | ☺ | | | | | | | ☺ | | | | | | | | | | ☺ | ☺ | |
| | CNMM644-HU5 | CNMM190616-HU5 | 0.761 | 0.063 | 0.016-0.035 | 0.079-0.394 | | ☺ | ☺ | | | | | | | ☺ | | | | | | | | | | ☺ | ☺ | |
| | CNMM646-HU5 | CNMM190624-HU5 | 0.761 | 0.095 | 0.018-0.039 | 0.079-0.394 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | CNMM433-HU7 | CNMM120412-HU7 | 0.508 | 0.047 | 0.016-0.031 | 0.059-0.315 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | CNMM543-HU7 | CNMM160612-HU7 | 0.635 | 0.047 | 0.02-0.035 | 0.079-0.394 | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | CNMM544-HU7 | CNMM160616-HU7 | 0.635 | 0.063 | 0.02-0.043 | 0.079-0.394 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | CNMM546-HU7 | CNMM160624-HU7 | 0.635 | 0.095 | 0.020-0.051 | 0.079-0.394 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | CNMM643-HU7 | CNMM190612-HU7 | 0.761 | 0.047 | 0.020-0.035 | 0.079-0.512 | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | CNMM644-HU7 | CNMM190616-HU7 | 0.761 | 0.063 | 0.020-0.043 | 0.079-0.512 | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | CNMM646-HU7 | CNMM190624-HU7 | 0.761 | 0.095 | 0.024-0.063 | 0.118-0.512 | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| CNMM866-HU7 | CNMM250924-HU7 | 1.015 | 0.095 | 0.024-0.063 | 0.118-0.669 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | |

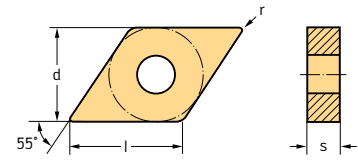
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | M | | | | K | | | N | | S | | | | | |
|------------------|------------------|-----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WNI10 | WSM01 |
| | DNMG331-FW5 | DNMG110404-FW5 | 0.458 | 0.016 | 0.004-0.014 | 0.012-0.079 | ☉ | ☉ | ☉ | | | ☉ | ☉ | ☉ | | | | | | ☉ | ☉ | | |
| | DNMG332-FW5 | DNMG110408-FW5 | 0.458 | 0.032 | 0.006-0.020 | 0.016-0.079 | ☉ | ☉ | ☉ | | | ☉ | ☉ | ☉ | | | | | | ☉ | ☉ | | |
| | DNMG431-FW5 | DNMG150404-FW5 | 0.610 | 0.016 | 0.004-0.016 | 0.012-0.118 | | ☉ | | | | | ☉ | ☉ | ☉ | | | | | | ☉ | ☉ | |
| | DNMG432-FW5 | DNMG150408-FW5 | 0.610 | 0.032 | 0.006-0.020 | 0.016-0.118 | ☉ | ☉ | | | | | ☉ | ☉ | ☉ | | | | | | | ☉ | ☉ |
| | DNMG441-FW5 | DNMG150604-FW5 | 0.610 | 0.016 | 0.004-0.016 | 0.012-0.118 | ☉ | ☉ | ☉ | | | | ☉ | ☉ | ☉ | | | | | | ☉ | ☉ | |
| | DNMG442-FW5 | DNMG150608-FW5 | 0.610 | 0.032 | 0.006-0.020 | 0.016-0.118 | ☉ | ☉ | ☉ | | | | ☉ | ☉ | ☉ | | | | | | ☉ | ☉ | |
| | DNMG431-NFT | DNMG150404-NFT | 0.610 | 0.016 | 0.002-0.006 | 0.016-0.059 | | | | | | | ☉ | | | | | | | | ☉ | | |
| | DNMG441-NFT | DNMG150604-NFT | 0.610 | 0.016 | 0.002-0.006 | 0.016-0.059 | | | | | | | ☉ | | | | | | | | | ☉ | |
| | DNMG442-NFT | DNMG150608-NFT | 0.610 | 0.032 | 0.003-0.007 | 0.020-0.079 | | | | | | | ☉ | | | | | | | | | ☉ | |
| | DNGG441-NFT | DNGG150604-NFT | 0.610 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | | | | | | | | | | | | | ☉ | |
| | DNGG442-NFT | DNGG150608-NFT | 0.610 | 0.032 | 0.003-0.007 | 0.012-0.079 | | | | | | | | | | | | | | | | | ☉ |
| | DNMG331-FM5 | DNMG110404-FM5 | 0.458 | 0.016 | 0.002-0.006 | 0.008-0.039 | | | | | | | | | | | | | | ☉ | ☉ | ☉ | |
| | DNMG332-FM5 | DNMG110408-FM5 | 0.458 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG431-FM5 | DNMG150404-FM5 | 0.610 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG432-FM5 | DNMG150408-FM5 | 0.610 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | | | | | | | ☉ | ☉ |
| | DNMG4(4)0.5-FM5 | DNMG150602-FM5 | 0.610 | 0.008 | 0.001-0.004 | 0.004-0.039 | | | | | | | | | | | | | | | | ☉ | ☉ |
| | DNMG441-FM5 | DNMG150604-FM5 | 0.610 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG442-FM5 | DNMG150608-FM5 | 0.610 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | | | | | | | ☉ | ☉ |
| | DNMG3(3)0.5-FP5 | DNMG110402-FP5 | 0.458 | 0.008 | 0.002-0.005 | 0.004-0.020 | | | | | | | | | | | | | | | | | |
| | DNMG331-FP5 | DNMG110404-FP5 | 0.458 | 0.016 | 0.002-0.008 | 0.004-0.059 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG332-FP5 | DNMG110408-FP5 | 0.458 | 0.032 | 0.003-0.010 | 0.008-0.079 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG333-FP5 | DNMG110412-FP5 | 0.458 | 0.047 | 0.004-0.010 | 0.020-0.098 | | | | | | | | | | | | | | | | | |
| | DNMG431-FP5 | DNMG150404-FP5 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.059 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG432-FP5 | DNMG150408-FP5 | 0.610 | 0.032 | 0.003-0.010 | 0.008-0.079 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG433-FP5 | DNMG150412-FP5 | 0.610 | 0.047 | 0.004-0.010 | 0.020-0.098 | | | | | | | | | | | | | | | | | |
| | DNMG441-FP5 | DNMG150604-FP5 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.059 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG442-FP5 | DNMG150608-FP5 | 0.610 | 0.032 | 0.003-0.010 | 0.008-0.079 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG443-FP5 | DNMG150612-FP5 | 0.610 | 0.047 | 0.004-0.010 | 0.020-0.098 | ☉ | ☉ | ☉ | | | | | ☉ | | | | | | | | | |
| | DNMG332-MW5 | DNMG110408-MW5 | 0.458 | 0.032 | 0.006-0.020 | 0.031-0.118 | | | | | | | | ☉ | ☉ | | | | | | | | |
| | DNMG333-MW5 | DNMG110412-MW5 | 0.458 | 0.047 | 0.008-0.024 | 0.059-0.118 | | | | | | | | ☉ | ☉ | | | | | | | | |
| | DNMG432-MW5 | DNMG150408-MW5 | 0.610 | 0.032 | 0.006-0.022 | 0.031-0.157 | | | | | | | | ☉ | ☉ | | | | | | | | |
| | DNMG433-MW5 | DNMG150412-MW5 | 0.610 | 0.047 | 0.008-0.026 | 0.059-0.157 | | | | | | | | ☉ | ☉ | | | | | | | | |
| | DNMG442-MW5 | DNMG150608-MW5 | 0.610 | 0.032 | 0.006-0.022 | 0.059-0.157 | | | | | | | | ☉ | ☉ | | | | | | | | |
| | DNMG443-MW5 | DNMG150612-MW5 | 0.610 | 0.047 | 0.008-0.026 | 0.059-0.157 | | | | | | | | ☉ | ☉ | | | | | | | | |
| | DNGG3(3)0.5M-MN3 | DNGG110402M-MN3 | 0.458 | 0.007 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | ☉ | ☉ | | |
| | DNGG331M-MN3 | DNGG110404M-MN3 | 0.458 | 0.015 | 0.003-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG110408-MS3 | DNMG110408-MS3 | 0.458 | 0.032 | 0.005-0.012 | 0.031-0.098 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG150404-MS3 | DNMG150404-MS3 | 0.610 | 0.016 | 0.005-0.010 | 0.024-0.098 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG150408-MS3 | DNMG150408-MS3 | 0.610 | 0.032 | 0.006-0.012 | 0.031-0.098 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG150604-MS3 | DNMG150604-MS3 | 0.610 | 0.016 | 0.005-0.010 | 0.024-0.098 | | | | | | | | | | | | | | | ☉ | ☉ | |
| | DNMG150608-MS3 | DNMG150608-MS3 | 0.610 | 0.032 | 0.006-0.012 | 0.031-0.098 | | | | | | | | | | | | | | | ☉ | ☉ | |

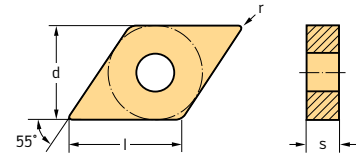
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | M | | | | K | | | N | | S | | | | | |
|------------------|-----------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S |
| | DNGG4(3)0.5-MS3 | DNGG150402-MS3 | 0.610 | 0.008 | 0.002-0.005 | 0.016-0.079 | | | | | | | ☺ | | | | | | | | | | | | | |
| | DNGG431-MS3 | DNGG150404-MS3 | 0.610 | 0.016 | 0.004-0.010 | 0.024-0.098 | | | | | | | ☺ | | | | | | | | | | | | | |
| | DNGG432-MS3 | DNGG150408-MS3 | 0.610 | 0.032 | 0.005-0.012 | 0.031-0.098 | | | | | | | ☺ | | | | | | | | | | | | | |
| | DNMG331-NMT | DNMG110404-NMT | 0.458 | 0.016 | 0.003-0.009 | 0.016-0.098 | | | | | | | | | | | | | | | | | | | | |
| | DNMG332-NMT | DNMG110408-NMT | 0.458 | 0.032 | 0.005-0.011 | 0.024-0.126 | | | | | | | | | | | | | | | | | | | | |
| | DNMG432-NMT | DNMG150408-NMT | 0.610 | 0.032 | 0.005-0.011 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | ☺ |
| | DNMG442-NMT | DNMG150608-NMT | 0.610 | 0.032 | 0.005-0.011 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | ☺ |
| | DNMG443-NMT | DNMG150612-NMT | 0.610 | 0.047 | 0.006-0.012 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | |
| | DNMG431-NMS | DNMG150404-NMS | 0.610 | 0.016 | 0.004-0.009 | 0.024-0.098 | | | | | | | | | | | | | | | | | | | | |
| | DNMG432-NMS | DNMG150408-NMS | 0.610 | 0.032 | 0.004-0.012 | 0.031-0.138 | | | | | | | | | | | | | | | | | | | | |
| | DNMG441-NMS | DNMG150604-NMS | 0.610 | 0.016 | 0.004-0.009 | 0.024-0.098 | | | | | | | | | | | | | | | | | | | | |
| | DNMG442-NMS | DNMG150608-NMS | 0.610 | 0.032 | 0.004-0.012 | 0.031-0.138 | | | | | | | | | | | | | | | | | | | | |
| | DNMG331-MP3 | DNMG110404-MP3 | 0.458 | 0.016 | 0.003-0.009 | 0.012-0.087 | | | | | | | | | | | | | | | | | | | | |
| | DNMG332-MP3 | DNMG110408-MP3 | 0.458 | 0.032 | 0.005-0.013 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | |
| | DNMG333-MP3 | DNMG110412-MP3 | 0.458 | 0.047 | 0.006-0.016 | 0.031-0.126 | | | | | | | | | | | | | | | | | | | | |
| | DNMG431-MP3 | DNMG150404-MP3 | 0.610 | 0.016 | 0.003-0.009 | 0.012-0.098 | | | | | | | | | | | | | | | | | | | | |
| | DNMG432-MP3 | DNMG150408-MP3 | 0.610 | 0.032 | 0.005-0.013 | 0.024-0.126 | | | | | | | | | | | | | | | | | | | | |
| | DNMG431-MP5 | DNMG150404-MP5 | 0.610 | 0.016 | 0.006-0.016 | 0.031-0.138 | | | | | | | | | | | | | | | | | | | | |
| | DNMG432-MP5 | DNMG150408-MP5 | 0.610 | 0.032 | 0.007-0.014 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG433-MP5 | DNMG150412-MP5 | 0.610 | 0.047 | 0.008-0.016 | 0.039-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG441-MP5 | DNMG150604-MP5 | 0.610 | 0.016 | 0.006-0.010 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | | |
| | DNMG442-MP5 | DNMG150608-MP5 | 0.610 | 0.032 | 0.007-0.014 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG443-MP5 | DNMG150612-MP5 | 0.610 | 0.047 | 0.008-0.016 | 0.039-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG444-MP5 | DNMG150616-MP5 | 0.610 | 0.063 | 0.010-0.018 | 0.047-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG332-MU5 | DNMG110408-MU5 | 0.458 | 0.032 | 0.007-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | |
| | DNMG432-MU5 | DNMG150408-MU5 | 0.610 | 0.032 | 0.007-0.014 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG442-MU5 | DNMG150608-MU5 | 0.610 | 0.032 | 0.007-0.014 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG443-MU5 | DNMG150612-MU5 | 0.610 | 0.047 | 0.008-0.018 | 0.039-0.197 | | | | | | | | | | | | | | | | | | | | |
| | DNMG444-MU5 | DNMG150616-MU5 | 0.610 | 0.063 | 0.010-0.020 | 0.047-0.197 | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT

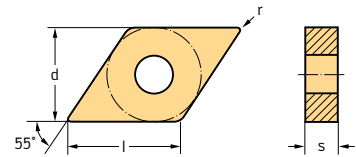
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert – Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



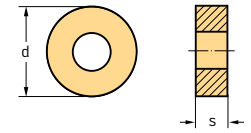
Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | M | | | | K | | | N | | S | | | | | | | |
|------------------|-------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WPP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S |
| | DNMG331-MK5 | DNMG110404-MK5 | 0.458 | 0.016 | 0.006-0.010 | 0.024-0.157 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG332-MK5 | DNMG110408-MK5 | 0.458 | 0.032 | 0.006-0.016 | 0.024-0.157 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG333-MK5 | DNMG110412-MK5 | 0.458 | 0.047 | 0.008-0.020 | 0.039-0.157 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG432-MK5 | DNMG150408-MK5 | 0.610 | 0.032 | 0.008-0.018 | 0.031-0.197 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG433-MK5 | DNMG150412-MK5 | 0.610 | 0.047 | 0.010-0.018 | 0.047-0.197 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG442-MK5 | DNMG150608-MK5 | 0.610 | 0.032 | 0.010-0.018 | 0.031-0.197 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG443-MK5 | DNMG150612-MK5 | 0.610 | 0.047 | 0.012-0.018 | 0.047-0.197 | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| | DNMG444-MK5 | DNMG150616-MK5 | 0.610 | 0.063 | 0.014-0.018 | 0.063-0.197 | | | | | | | | | ☺ | | | | | | | | | | |
| | DNMG432-NRS | DNMG150408-NRS | 0.610 | 0.032 | 0.005-0.013 | 0.039-0.157 | | | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | | |
| | DNMG442-NRS | DNMG150608-NRS | 0.610 | 0.032 | 0.005-0.013 | 0.039-0.157 | | | | ☺ | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | |
| | DNMG443-NRS | DNMG150612-NRS | 0.610 | 0.047 | 0.006-0.014 | 0.047-0.157 | | | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ | |
| | DNMG332-RM5 | DNMG110408-RM5 | 0.458 | 0.032 | 0.008-0.016 | 0.047-0.138 | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| | DNMG333-RM5 | DNMG110412-RM5 | 0.458 | 0.047 | 0.010-0.020 | 0.059-0.138 | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| | DNMG432-RM5 | DNMG150408-RM5 | 0.610 | 0.032 | 0.008-0.016 | 0.047-0.157 | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| | DNMG442-RM5 | DNMG150608-RM5 | 0.610 | 0.032 | 0.008-0.016 | 0.047-0.157 | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| | DNMG443-RM5 | DNMG150612-RM5 | 0.610 | 0.047 | 0.010-0.020 | 0.059-0.157 | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| | DNMG332-RP5 | DNMG110408-RP5 | 0.458 | 0.032 | 0.007-0.014 | 0.031-0.157 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMG333-RP5 | DNMG110412-RP5 | 0.458 | 0.047 | 0.008-0.016 | 0.039-0.157 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMG432-RP5 | DNMG150408-RP5 | 0.610 | 0.032 | 0.007-0.014 | 0.031-0.197 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMG433-RP5 | DNMG150412-RP5 | 0.610 | 0.047 | 0.008-0.016 | 0.039-0.197 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMG442-RP5 | DNMG150608-RP5 | 0.610 | 0.032 | 0.006-0.014 | 0.031-0.197 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMG443-RP5 | DNMG150612-RP5 | 0.610 | 0.047 | 0.008-0.022 | 0.039-0.197 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMG444-RP5 | DNMG150616-RP5 | 0.610 | 0.063 | 0.010-0.026 | 0.063-0.197 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | |
| | DNMA331-RK5 | DNMA110404-RK5 | 0.458 | 0.016 | 0.006-0.010 | 0.024-0.157 | | | | | | | | | | | | | | | | | | ☺ | |
| | DNMA332-RK5 | DNMA110408-RK5 | 0.458 | 0.032 | 0.007-0.016 | 0.024-0.157 | | | | | | | | | | | | | | | | | | ☺ | |
| | DNMA432-RK5 | DNMA150408-RK5 | 0.610 | 0.032 | 0.006-0.020 | 0.031-0.157 | | | | | | | | | | | | | | | | | | ☺ | |
| | DNMA433-RK5 | DNMA150412-RK5 | 0.610 | 0.047 | 0.008-0.024 | 0.059-0.157 | | | | | | | | | | | | | | | | | | ☺ | |
| | DNMA442-RK5 | DNMA150608-RK5 | 0.610 | 0.032 | 0.008-0.018 | 0.031-0.197 | | | | | | | | | | | | | | | | | | ☺ | |
| | DNMA443-RK5 | DNMA150612-RK5 | 0.610 | 0.047 | 0.010-0.018 | 0.047-0.197 | | | | | | | | | | | | | | | | | | ☺ | |
| | DNMA442-RK7 | DNMA150608-RK7 | 0.610 | 0.032 | 0.008-0.018 | 0.031-0.197 | | | | | | | | | ☺ | | | | | | | | | | |
| | DNMA443-RK7 | DNMA150612-RK7 | 0.610 | 0.047 | 0.010-0.018 | 0.047-0.197 | | | | | | | | | ☺ | | | | | | | | | | |
| | DNMM442-HU3 | DNMM150608-HU3 | 0.610 | 0.032 | 0.010-0.018 | 0.031-0.197 | | | | | | | | | | | | | | | | | | | |
| | DNMM443-HU3 | DNMM150612-HU3 | 0.610 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | | | | | | |
| | DNMM444-HU3 | DNMM150616-HU3 | 0.610 | 0.063 | 0.014-0.024 | 0.063-0.197 | | | | | | | | | | | | | | | | | | | |
| | DNMM442-HU5 | DNMM150608-HU5 | 0.610 | 0.032 | 0.010-0.018 | 0.039-0.197 | | | | | | | | | | | | | | | | | | | |
| | DNMM443-HU5 | DNMM150612-HU5 | 0.610 | 0.047 | 0.012-0.020 | 0.059-0.197 | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Negative round RNMG / RNMA Tiger-tec® Gold



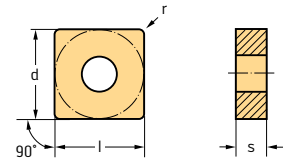
Indexable inserts

| ANSI Designation | Designation | d in | f in | a _p in | P HC WPP20G | K HC WKK20S | S HW WS10 |
|------------------|----------------|---------|-------------|----------------------|-------------------|-------------------|-----------------|
| RNMG43-RP5 | RNMG120400-RP5 | 0.5 | 0.008-0.024 | 0.047-0.197 | ☺ | ☺ | ☺ |
| RNMA43-RK5 | RNMA120400-RK5 | 0.5 | 0.006-0.024 | 0.047-0.157 | ☺ | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: RNMG120400-RP5 WPP20G

HC = Coated carbide
HW = Uncoated carbide

Turning Insert – Negative square SNMG / SNMA / SNMM Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | P HC | | | | | M HC | | | | | K HC | | S HC | | | | | HW |
|------------------|----------------|---------|-------------|----------------------|---------|--------|--------|--------|--------|---------|-------|--------|--------|--------|---------|--------|---------|-------|--------|--------|--------|----|
| | | | | | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKK10S | WKK20S | WSM01 | WSM10S | WSM20S | WSM30S | |
| SNMG431-FM5 | SNMG120404-FM5 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | | | | | | | | | | | | | | | |
| SNMG432-FM5 | SNMG120408-FM5 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | | | | | | | | | |
| SNMG433-FM5 | SNMG120412-FM5 | 0.047 | 0.004-0.010 | 0.020-0.079 | | | | ☺ | | | | | | | | | | | | | | |
| SNMG322-FP5 | SNMG090308-FP5 | 0.032 | 0.002-0.008 | 0.008-0.059 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| SNMG431-FP5 | SNMG120404-FP5 | 0.016 | 0.002-0.009 | 0.004-0.071 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| SNMG432-FP5 | SNMG120408-FP5 | 0.032 | 0.003-0.010 | 0.008-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| SNMG433-FP5 | SNMG120412-FP5 | 0.047 | 0.004-0.010 | 0.020-0.098 | | | | ☺ | | | | | | | | | | | | | | |
| SNMG322-MP3 | SNMG090308-MP3 | 0.032 | 0.004-0.013 | 0.024-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| SNMG431-MP3 | SNMG120404-MP3 | 0.016 | 0.003-0.010 | 0.012-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| SNMG432-MP3 | SNMG120408-MP3 | 0.032 | 0.005-0.014 | 0.024-0.126 | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | |
| SNMG433-MP3 | SNMG120412-MP3 | 0.047 | 0.006-0.016 | 0.031-0.138 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| SNMG431-MM5 | SNMG120404-MM5 | 0.016 | 0.004-0.007 | 0.020-0.079 | | | | | | | | | | | | | | | | | ☺ | ☺ |
| SNMG432-MM5 | SNMG120408-MM5 | 0.032 | 0.006-0.010 | 0.031-0.118 | | | | | | | | | | | | | | | | | ☺ | ☺ |
| SNMG433-MM5 | SNMG120412-MM5 | 0.047 | 0.007-0.012 | 0.031-0.138 | | | | ☺ | | | | | | | | | | | | | ☺ | ☺ |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

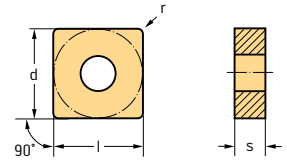
HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert – Negative square

SNMG / SNMA / SNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | P | | | | | | M | | | | K | | S | | |
|------------------|-------------|----------------|---------|----------------------|-------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|
| | | | | | HC | | | | | | HC | | | | HC | | HC | | |
| | | | | | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKK10S | WKK20S | WSM01 | WSM10S |
| | SNMG322-MP5 | SNMG090308-MP5 | 0.032 | 0.006-0.013 | 0.024-0.118 | | | | | | | | | | | | | | |
| | SNMG432-MP5 | SNMG120408-MP5 | 0.032 | 0.007-0.016 | 0.024-0.197 | | | | | | | | | | | | | | |
| | SNMG433-MP5 | SNMG120412-MP5 | 0.047 | 0.008-0.018 | 0.039-0.197 | | | | | | | | | | | | | | |
| | SNMG434-MP5 | SNMG120416-MP5 | 0.063 | 0.010-0.020 | 0.047-0.197 | | | | | | | | | | | | | | |
| | SNMG542-MP5 | SNMG150608-MP5 | 0.032 | 0.010-0.020 | 0.031-0.315 | | | | | | | | | | | | | | |
| | SNMG543-MP5 | SNMG150612-MP5 | 0.047 | 0.012-0.020 | 0.039-0.315 | | | | | | | | | | | | | | |
| | SNMG644-MP5 | SNMG150616-MP5 | 0.063 | 0.014-0.022 | 0.047-0.315 | | | | | | | | | | | | | | |
| | SNMG432-MU5 | SNMG120408-MU5 | 0.032 | 0.007-0.018 | 0.024-0.197 | | | | | | | | | | | | | | |
| | SNMG322-MK5 | SNMG090308-MK5 | 0.032 | 0.004-0.008 | 0.008-0.118 | | | | | | | | | | | | | | |
| | SNMG432-MK5 | SNMG120408-MK5 | 0.032 | 0.010-0.020 | 0.031-0.197 | | | | | | | | | | | | | | |
| | SNMG433-MK5 | SNMG120412-MK5 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | |
| | SNMG434-MK5 | SNMG120416-MK5 | 0.063 | 0.014-0.020 | 0.059-0.197 | | | | | | | | | | | | | | |
| | SNMG543-MK5 | SNMG150612-MK5 | 0.047 | 0.012-0.024 | 0.047-0.276 | | | | | | | | | | | | | | |
| | SNMG544-MK5 | SNMG150616-MK5 | 0.063 | 0.014-0.024 | 0.059-0.276 | | | | | | | | | | | | | | |
| | SNMG643-MK5 | SNMG190612-MK5 | 0.047 | 0.012-0.026 | 0.047-0.315 | | | | | | | | | | | | | | |
| | SNMG644-MK5 | SNMG190616-MK5 | 0.063 | 0.014-0.031 | 0.059-0.315 | | | | | | | | | | | | | | |
| | SNMG432-NMS | SNMG120408-NMS | 0.032 | 0.005-0.014 | 0.031-0.138 | | | | | | | | | | | | | | |
| | SNMG433-NMS | SNMG120412-NMS | 0.047 | 0.006-0.016 | 0.031-0.138 | | | | | | | | | | | | | | |
| | SNMG434-NMS | SNMG120416-NMS | 0.063 | 0.007-0.018 | 0.039-0.138 | | | | | | | | | | | | | | |
| | SNMG433-NRT | SNMG120412-NRT | 0.047 | 0.010-0.020 | 0.031-0.236 | | | | | | | | | | | | | | |
| | SNMG643-NRT | SNMG150612-NRT | 0.047 | 0.012-0.024 | 0.039-0.295 | | | | | | | | | | | | | | |
| | SNMG644-NRT | SNMG190616-NRT | 0.063 | 0.016-0.031 | 0.059-0.354 | | | | | | | | | | | | | | |
| | SNMG432-NRS | SNMG120408-NRS | 0.032 | 0.008-0.016 | 0.031-0.197 | | | | | | | | | | | | | | |
| | SNMG433-NRS | SNMG120412-NRS | 0.047 | 0.009-0.018 | 0.039-0.197 | | | | | | | | | | | | | | |
| | SNMG644-NRS | SNMG150616-NRS | 0.063 | 0.009-0.022 | 0.047-0.276 | | | | | | | | | | | | | | |
| | SNMG643-NRS | SNMG190612-NRS | 0.047 | 0.009-0.022 | 0.039-0.354 | | | | | | | | | | | | | | |
| | SNMG644-NRS | SNMG190616-NRS | 0.063 | 0.011-0.024 | 0.047-0.354 | | | | | | | | | | | | | | |
| | SNMG432-RM5 | SNMG120408-RM5 | 0.032 | 0.008-0.016 | 0.047-0.197 | | | | | | | | | | | | | | |
| | SNMG433-RM5 | SNMG120412-RM5 | 0.047 | 0.010-0.020 | 0.059-0.197 | | | | | | | | | | | | | | |
| | SNMG434-RM5 | SNMG120416-RM5 | 0.063 | 0.012-0.022 | 0.079-0.197 | | | | | | | | | | | | | | |
| | SNMG543-RM5 | SNMG150612-RM5 | 0.047 | 0.010-0.024 | 0.059-0.276 | | | | | | | | | | | | | | |
| | SNMG544-RM5 | SNMG150616-RM5 | 0.063 | 0.012-0.022 | 0.079-0.276 | | | | | | | | | | | | | | |
| | SNMG643-RM5 | SNMG190612-RM5 | 0.047 | 0.010-0.024 | 0.059-0.315 | | | | | | | | | | | | | | |
| | SNMG644-RM5 | SNMG190616-RM5 | 0.063 | 0.012-0.031 | 0.079-0.315 | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions

Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

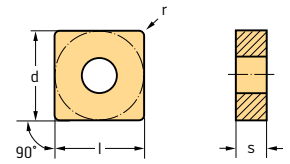
HC = Coated carbide

HW = Uncoated carbide

Turning Insert – Negative square

SNMG / SNMA / SNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | P | | | | | | M | | | | K | | S | | | |
|------------------|-------------|----------------|---------|----------------------|-------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| | | | | | HC | | | | | | HC | | | | HC | | HC | | | HW |
| | | | | | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKK10S | WKK20S | WSM01 | WSM10S | WSM20S |
| | SNMG432-RP5 | SNMG120408-RP5 | 0.032 | 0.008-0.022 | 0.031-0.236 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG433-RP5 | SNMG120412-RP5 | 0.047 | 0.010-0.026 | 0.039-0.236 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG434-RP5 | SNMG120416-RP5 | 0.063 | 0.014-0.030 | 0.063-0.236 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG543-RP5 | SNMG150612-RP5 | 0.047 | 0.010-0.028 | 0.047-0.315 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG544-RP5 | SNMG150616-RP5 | 0.063 | 0.014-0.031 | 0.063-0.315 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG643-RP5 | SNMG190612-RP5 | 0.047 | 0.012-0.028 | 0.047-0.394 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG644-RP5 | SNMG190616-RP5 | 0.063 | 0.014-0.031 | 0.063-0.394 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG646-RP5 | SNMG190624-RP5 | 0.095 | 0.017-0.047 | 0.079-0.394 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG866-RP5 | SNMG250924-RP5 | 0.095 | 0.022-0.047 | 0.098-0.472 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG432-RP7 | SNMG120408-RP7 | 0.032 | 0.010-0.018 | 0.031-0.197 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG433-RP7 | SNMG120412-RP7 | 0.047 | 0.012-0.020 | 0.047-0.197 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG434-RP7 | SNMG120416-RP7 | 0.063 | 0.014-0.024 | 0.059-0.197 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG543-RP7 | SNMG150612-RP7 | 0.047 | 0.014-0.024 | 0.047-0.236 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG544-RP7 | SNMG150616-RP7 | 0.063 | 0.016-0.028 | 0.059-0.236 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG643-RP7 | SNMG190612-RP7 | 0.047 | 0.014-0.024 | 0.047-0.276 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG644-RP7 | SNMG190616-RP7 | 0.063 | 0.016-0.028 | 0.059-0.276 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG646-RP7 | SNMG190624-RP7 | 0.095 | 0.016-0.031 | 0.098-0.276 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMG866-RP7 | SNMG250924-RP7 | 0.095 | 0.022-0.039 | 0.118-0.394 | ☺ | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMA322-RK5 | SNMA090308-RK5 | 0.032 | 0.008-0.018 | 0.024-0.157 | | | | | | | | | | | | | | ☺ | |
| | SNMA432-RK5 | SNMA120408-RK5 | 0.032 | 0.010-0.020 | 0.031-0.197 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA433-RK5 | SNMA120412-RK5 | 0.047 | 0.012-0.024 | 0.047-0.197 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA434-RK5 | SNMA120416-RK5 | 0.063 | 0.014-0.028 | 0.059-0.197 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA543-RK5 | SNMA150612-RK5 | 0.047 | 0.012-0.026 | 0.047-0.276 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA544-RK5 | SNMA150616-RK5 | 0.063 | 0.014-0.031 | 0.059-0.276 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA644-RK5 | SNMA190616-RK5 | 0.063 | 0.014-0.031 | 0.059-0.315 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA646-RK5 | SNMA190624-RK5 | 0.095 | 0.016-0.035 | 0.098-0.315 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA433-RK7 | SNMA120412-RK7 | 0.047 | 0.012-0.024 | 0.047-0.197 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA434-RK7 | SNMA120416-RK7 | 0.063 | 0.014-0.028 | 0.059-0.197 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA544-RK7 | SNMA150616-RK7 | 0.063 | 0.014-0.031 | 0.059-0.276 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMA644-RK7 | SNMA190616-RK7 | 0.063 | 0.014-0.031 | 0.059-0.315 | | | | | | | | | | | | | | ☺ | ☺ |
| | SNMM432-HU3 | SNMM120408-HU3 | 0.032 | 0.012-0.020 | 0.031-0.276 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM433-HU3 | SNMM120412-HU3 | 0.047 | 0.014-0.028 | 0.047-0.276 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM434-HU3 | SNMM120416-HU3 | 0.063 | 0.016-0.035 | 0.063-0.276 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM543-HU3 | SNMM150612-HU3 | 0.047 | 0.014-0.030 | 0.047-0.354 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM544-HU3 | SNMM150616-HU3 | 0.063 | 0.016-0.035 | 0.063-0.354 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM646-HU3 | SNMM150624-HU3 | 0.095 | 0.018-0.043 | 0.079-0.354 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM643-HU3 | SNMM190612-HU3 | 0.047 | 0.014-0.030 | 0.047-0.394 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM644-HU3 | SNMM190616-HU3 | 0.063 | 0.016-0.039 | 0.063-0.394 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM646-HU3 | SNMM190624-HU3 | 0.095 | 0.018-0.047 | 0.079-0.394 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM856-HU3 | SNMM250724-HU3 | 0.095 | 0.022-0.047 | 0.098-0.472 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM864-HU3 | SNMM250916-HU3 | 0.063 | 0.018-0.039 | 0.063-0.472 | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | SNMM866-HU3 | SNMM250924-HU3 | 0.095 | 0.022-0.047 | 0.098-0.472 | | | ☺ | ☺ | ☺ | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

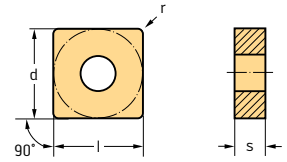
☺ ☹ ☹ / * = New addition to the product range

ISO indexable inserts – Negative basic shape

Turning Insert – Negative square

SNMG / SNMA / SNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | P | | | | | M | | | | K | | S | | | | | | | |
|------------------|----------------|----------------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|------|--|
| | | | | | HC | | | | | HC | | | | HC | | HC | | | | | | | |
| | | | | | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKK10S | WKK20S | WSM01 | WSM10S | WSM20S | WSM30S | WS10 | |
| | SNMM433-HU5 | SNMM120412-HU5 | 0.047 | 0.012-0.028 | 0.059-0.276 | | | ☺ | | | | | | | ☺ | | | | | | | ☺ | |
| | SNMM543-HU5 | SNMM150612-HU5 | 0.047 | 0.014-0.028 | 0.059-0.354 | | | ☺ | | | | | | | ☺ | | | | | | | ☺ | |
| | SNMM643-HU5 | SNMM190612-HU5 | 0.047 | 0.014-0.031 | 0.059-0.394 | | | ☺ | ☺ | | | | | ☺ | ☺ | | | | | | | ☺ | |
| | SNMM644-HU5 | SNMM190616-HU5 | 0.063 | 0.016-0.039 | 0.079-0.394 | | | ☺ | | | | | | | ☺ | | | | | | | ☺ | |
| | SNMM646-HU5 | SNMM190624-HU5 | 0.095 | 0.018-0.043 | 0.079-0.394 | | | ☺ | | | | | | | ☺ | | | | | | | ☺ | |
| SNMM866-HU5 | SNMM250924-HU5 | 0.095 | 0.020-0.047 | 0.098-0.472 | | | ☺ | | | | | | | ☺ | | | | | | | ☺ | | |
| | SNMM544-HU7 | SNMM150616-HU7 | 0.063 | 0.018-0.039 | 0.079-0.472 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | SNMM546-HU7 | SNMM150624-HU7 | 0.095 | 0.020-0.055 | 0.098-0.472 | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | SNMM643-HU7 | SNMM190612-HU7 | 0.047 | 0.020-0.039 | 0.079-0.512 | | | ☺ | | ☺ | | | | | | | | | | | | | |
| | SNMM644-HU7 | SNMM190616-HU7 | 0.063 | 0.020-0.043 | 0.098-0.512 | | | ☺ | | ☺ | | | | | | | | | | | | | |
| | SNMM646-HU7 | SNMM190624-HU7 | 0.095 | 0.024-0.063 | 0.118-0.512 | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | |
| | SNMM854-HU7 | SNMM250716-HU7 | 0.063 | 0.020-0.043 | 0.098-0.669 | | | ☺ | | | | | | | | | | | | | | | |
| | SNMM856-HU7 | SNMM250724-HU7 | 0.095 | 0.024-0.063 | 0.118-0.669 | | | ☺ | | | | | | | | | | | | | | | |
| | SNMM866-HU7 | SNMM250924-HU7 | 0.095 | 0.024-0.063 | 0.118-0.669 | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | |

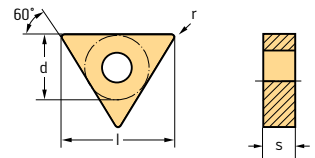
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

HC = Coated carbide
 HW = Uncoated carbide

Turning Insert – Negative triangular 60°

TNMG / TNMA / TNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | P | | | | | | | M | | | | K | | | S | | | | | |
|------------------|-------------|----------------|---------|----------------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|---|
| | | | | | HC | | | | | | | HC | | | | HC | | | HC | | | | | |
| | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WSM01 | WSM10S | WSM20S | WSM30S | |
| | TNMG331-FW5 | TNMG160404-FW5 | 0.016 | 0.004-0.016 | 0.012-0.118 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | ☺ |
| | TNMG332-FW5 | TNMG160408-FW5 | 0.032 | 0.006-0.020 | 0.016-0.118 | | | ☺ | ☺ | | | | | | | | | | | | | | ☺ | ☺ |
| | TNMG331-FM5 | TNMG160404-FM5 | 0.016 | 0.002-0.006 | 0.008-0.039 | | | | ☺ | | | | | | | | | | | | | | ☺ | ☺ |
| | TNMG332-FM5 | TNMG160408-FM5 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | ☺ | | | | | | | | | | | | | | ☺ | ☺ |
| | TNMG333-FM5 | TNMG160412-FM5 | 0.047 | 0.004-0.010 | 0.020-0.079 | | | | | ☺ | | | | | | | | | | | | | ☺ | ☺ |

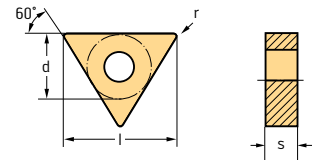
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide
 HE = Coated cermet

Turning Insert – Negative triangular 60°

TNMG / TNMA / TNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | P | | | | | M | | | | | K | | | S | | | | |
|------------------|-------------|----------------|---------|----------------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| | | | | | HC | | | | | HE | | | | | HC | | | | | HC | | |
| | | | | | WKP10G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WSM01 | WSM10S | WSM20S |
| | TNMG221-FP5 | TNMG110304-FP5 | 0.016 | 0.002-0.006 | 0.004-0.047 | | | ☺ | | | | | | | | | | | | | | |
| | TNMG222-FP5 | TNMG110308-FP5 | 0.032 | 0.003-0.008 | 0.008-0.059 | | | ☺ | | | | | | | | | | | | | | |
| | TNMG331-FP5 | TNMG160404-FP5 | 0.016 | 0.002-0.008 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | ☺ | | | | | | | |
| | TNMG332-FP5 | TNMG160408-FP5 | 0.032 | 0.003-0.010 | 0.008-0.079 | ☺ | ☺ | ☺ | | ☺ | | | | | ☺ | | | | | | | |
| | TNMG333-FP5 | TNMG160412-FP5 | 0.047 | 0.004-0.010 | 0.020-0.098 | | | ☺ | ☺ | | | | | | | | | | | | | |
| | TNMG331-MS3 | TNMG160404-MS3 | 0.016 | 0.005-0.010 | 0.024-0.118 | | | ☺ | | | | | | | | | | | ☺ | | | |
| | TNMG332-MS3 | TNMG160408-MS3 | 0.032 | 0.006-0.012 | 0.031-0.118 | | | ☺ | ☺ | | | | | | | | | | ☺ | ☺ | | |
| | TNMG431-MS3 | TNMG220404-MS3 | 0.016 | 0.005-0.010 | 0.024-0.118 | | | ☺ | | | | | | | | | | | ☺ | ☺ | | |
| | TNMG432-MS3 | TNMG220408-MS3 | 0.032 | 0.006-0.012 | 0.031-0.118 | | | ☺ | ☺ | | | | | | | | | | ☺ | ☺ | | |
| | TNMG332-MW5 | TNMG160408-MW5 | 0.032 | 0.006-0.022 | 0.031-0.157 | | | ☺ | ☺ | | | | | | ☺ | ☺ | | | | | | |
| | TNMG333-MW5 | TNMG160412-MW5 | 0.047 | 0.008-0.026 | 0.059-0.157 | | | ☺ | ☺ | | | | | | ☺ | ☺ | | | | | | |
| | TNMG331-NMS | TNMG160404-NMS | 0.016 | 0.004-0.009 | 0.024-0.098 | | | | | | | | | | | | | | ☺ | ☺ | | |
| | TNMG332-NMS | TNMG160408-NMS | 0.032 | 0.004-0.012 | 0.031-0.138 | | | | | | | | | | | | | | ☺ | ☺ | | |
| | TNMG221-MP3 | TNMG110304-MP3 | 0.016 | 0.002-0.007 | 0.012-0.079 | | | ☺ | ☺ | | | | | | | | | | | | | |
| | TNMG222-MP3 | TNMG110308-MP3 | 0.032 | 0.004-0.010 | 0.024-0.087 | | | ☺ | ☺ | | | | | | | | | | | | | |
| | TNMG321-MP3 | TNMG160304-MP3 | 0.016 | 0.003-0.009 | 0.012-0.087 | | | ☺ | ☺ | | | | | | | | | | | | | |
| | TNMG331-MP3 | TNMG160404-MP3 | 0.016 | 0.003-0.009 | 0.012-0.087 | | | ☺ | ☺ | | | | | | | | | | | | | |
| | TNMG332-MP3 | TNMG160408-MP3 | 0.032 | 0.005-0.013 | 0.024-0.118 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG333-MP3 | TNMG160412-MP3 | 0.047 | 0.006-0.016 | 0.031-0.126 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG432-MP3 | TNMG220408-MP3 | 0.032 | 0.005-0.013 | 0.024-0.126 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG433-MP3 | TNMG220412-MP3 | 0.047 | 0.006-0.016 | 0.031-0.138 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG331-MM5 | TNMG160404-MM5 | 0.016 | 0.004-0.007 | 0.020-0.079 | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ | | |
| | TNMG332-MM5 | TNMG160408-MM5 | 0.032 | 0.006-0.010 | 0.031-0.118 | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ | | |
| | TNMG333-MM5 | TNMG160412-MM5 | 0.047 | 0.007-0.012 | 0.031-0.138 | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ | | |
| | TNMG334-MM5 | TNMG160416-MM5 | 0.063 | 0.008-0.014 | 0.039-0.157 | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ | | |
| | TNMG322-MP5 | TNMG160308-MP5 | 0.032 | 0.007-0.014 | 0.024-0.157 | | | | ☺ | | | | | | | | | | | | | |
| | TNMG331-MP5 | TNMG160404-MP5 | 0.016 | 0.006-0.010 | 0.02-0.157 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG332-MP5 | TNMG160408-MP5 | 0.032 | 0.007-0.014 | 0.024-0.157 | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | |
| | TNMG333-MP5 | TNMG160412-MP5 | 0.047 | 0.008-0.016 | 0.039-0.157 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG431-MP5 | TNMG220404-MP5 | 0.016 | 0.006-0.010 | 0.028-0.157 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG432-MP5 | TNMG220408-MP5 | 0.032 | 0.007-0.014 | 0.031-0.197 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG433-MP5 | TNMG220412-MP5 | 0.047 | 0.008-0.016 | 0.039-0.197 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG434-MP5 | TNMG220416-MP5 | 0.063 | 0.010-0.018 | 0.047-0.197 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG542-MP5 | TNMG270608-MP5 | 0.032 | 0.010-0.018 | 0.031-0.276 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG543-MP5 | TNMG270612-MP5 | 0.047 | 0.012-0.020 | 0.039-0.276 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG544-MP5 | TNMG270616-MP5 | 0.063 | 0.014-0.022 | 0.047-0.276 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | TNMG331-MU5 | TNMG160404-MU5 | 0.016 | 0.006-0.012 | 0.02-0.157 | | | ☺ | ☺ | ☺ | | | ☺ | ☺ | | | | | ☺ | | | |
| | TNMG332-MU5 | TNMG160408-MU5 | 0.032 | 0.007-0.014 | 0.024-0.157 | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ | | | | | ☺ | | | |
| | TNMG333-MU5 | TNMG160412-MU5 | 0.047 | 0.008-0.018 | 0.039-0.157 | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ | | | | | ☺ | | | |

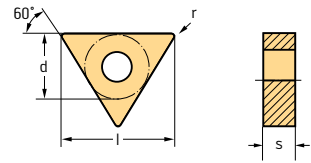
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide
 HE = Coated cermet

Turning Insert – Negative triangular 60°

TNMG / TNMA / TNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | r in | f in | ap in | P | | | M | | | | | K | | | S | | | | | | |
|------------------|-------------|----------------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| | | | | | HC | | | HC | | | | | HC | | | HC | | | | | | |
| | | | | | WKP10G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WSM01 | WSM10S | WSM20S |
| | TNMG331-MK5 | TNMG160404-MK5 | 0.016 | 0.006-0.01 | 0.024-0.157 | | | | | | | | | | | | | | | | | |
| | TNMG332-MK5 | TNMG160408-MK5 | 0.032 | 0.010-0.018 | 0.031-0.197 | | | | | | | | | | | | | | | | | |
| | TNMG333-MK5 | TNMG160412-MK5 | 0.047 | 0.012-0.018 | 0.047-0.197 | | | | | | | | | | | | | | | | | |
| | TNMG334-MK5 | TNMG160416-MK5 | 0.063 | 0.014-0.018 | 0.059-0.197 | | | | | | | | | | | | | | | | | |
| | TNMG432-MK5 | TNMG220408-MK5 | 0.032 | 0.010-0.018 | 0.039-0.236 | | | | | | | | | | | | | | | | | |
| | TNMG433-MK5 | TNMG220412-MK5 | 0.047 | 0.012-0.018 | 0.055-0.236 | | | | | | | | | | | | | | | | | |
| | TNMG434-MK5 | TNMG220416-MK5 | 0.063 | 0.014-0.018 | 0.063-0.236 | | | | | | | | | | | | | | | | | |
| | TNMG543-MK5 | TNMG270612-MK5 | 0.047 | 0.014-0.026 | 0.047-0.315 | | | | | | | | | | | | | | | | | |
| | TNMG333-NRS | TNMG160412-NRS | 0.047 | 0.010-0.020 | 0.059-0.177 | | | | | | | | | | | | | | | | | |
| | TNMG332-RM5 | TNMG160408-RM5 | 0.032 | 0.008-0.016 | 0.047-0.157 | | | | | | | | | | | | | | | | | |
| | TNMG333-RM5 | TNMG160412-RM5 | 0.047 | 0.010-0.020 | 0.059-0.157 | | | | | | | | | | | | | | | | | |
| | TNMG432-RM5 | TNMG220408-RM5 | 0.032 | 0.008-0.016 | 0.047-0.157 | | | | | | | | | | | | | | | | | |
| | TNMG433-RM5 | TNMG220412-RM5 | 0.047 | 0.010-0.022 | 0.059-0.197 | | | | | | | | | | | | | | | | | |
| | TNMG332-RP5 | TNMG160408-RP5 | 0.032 | 0.008-0.016 | 0.031-0.197 | | | | | | | | | | | | | | | | | |
| | TNMG333-RP5 | TNMG160412-RP5 | 0.047 | 0.010-0.022 | 0.039-0.197 | | | | | | | | | | | | | | | | | |
| | TNMG432-RP5 | TNMG220408-RP5 | 0.032 | 0.008-0.018 | 0.031-0.276 | | | | | | | | | | | | | | | | | |
| | TNMG433-RP5 | TNMG220412-RP5 | 0.047 | 0.010-0.024 | 0.039-0.276 | | | | | | | | | | | | | | | | | |
| | TNMG434-RP5 | TNMG220416-RP5 | 0.063 | 0.014-0.028 | 0.063-0.276 | | | | | | | | | | | | | | | | | |
| | TNMG543-RP5 | TNMG270612-RP5 | 0.047 | 0.012-0.028 | 0.063-0.394 | | | | | | | | | | | | | | | | | |
| | TNMG544-RP5 | TNMG270616-RP5 | 0.063 | 0.014-0.031 | 0.079-0.394 | | | | | | | | | | | | | | | | | |
| | TNMG666-RP5 | TNMG330924-RP5 | 0.095 | 0.018-0.047 | 0.098-0.512 | | | | | | | | | | | | | | | | | |
| | TNMG544-RP7 | TNMG270616-RP7 | 0.063 | 0.014-0.030 | 0.059-0.354 | | | | | | | | | | | | | | | | | |
| | TNMG546-RP7 | TNMG270624-RP7 | 0.095 | 0.022-0.039 | 0.118-0.354 | | | | | | | | | | | | | | | | | |
| | TNMA331-RK5 | TNMA160404-RK5 | 0.016 | 0.006-0.010 | 0.024-0.197 | | | | | | | | | | | | | | | | | |
| | TNMA332-RK5 | TNMA160408-RK5 | 0.032 | 0.010-0.018 | 0.031-0.197 | | | | | | | | | | | | | | | | | |
| | TNMA333-RK5 | TNMA160412-RK5 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | | | | |
| | TNMA432-RK5 | TNMA220408-RK5 | 0.032 | 0.010-0.018 | 0.039-0.236 | | | | | | | | | | | | | | | | | |
| | TNMA433-RK5 | TNMA220412-RK5 | 0.047 | 0.012-0.022 | 0.055-0.236 | | | | | | | | | | | | | | | | | |
| | TNMA434-RK5 | TNMA220416-RK5 | 0.063 | 0.014-0.024 | 0.063-0.236 | | | | | | | | | | | | | | | | | |
| | TNMA332-RK7 | TNMA160408-RK7 | 0.032 | 0.010-0.018 | 0.031-0.197 | | | | | | | | | | | | | | | | | |
| | TNMA333-RK7 | TNMA160412-RK7 | 0.047 | 0.012-0.020 | 0.047-0.197 | | | | | | | | | | | | | | | | | |
| | TNMM332-HU3 | TNMM160408-HU3 | 0.032 | 0.012-0.018 | 0.031-0.236 | | | | | | | | | | | | | | | | | |
| | TNMM333-HU3 | TNMM160412-HU3 | 0.047 | 0.014-0.020 | 0.047-0.236 | | | | | | | | | | | | | | | | | |
| | TNMM432-HU3 | TNMM220408-HU3 | 0.032 | 0.012-0.020 | 0.031-0.276 | | | | | | | | | | | | | | | | | |
| | TNMM433-HU3 | TNMM220412-HU3 | 0.047 | 0.014-0.024 | 0.047-0.276 | | | | | | | | | | | | | | | | | |
| | TNMM434-HU3 | TNMM220416-HU3 | 0.063 | 0.016-0.031 | 0.063-0.276 | | | | | | | | | | | | | | | | | |
| | TNMM543-HU3 | TNMM270612-HU3 | 0.047 | 0.014-0.026 | 0.047-0.315 | | | | | | | | | | | | | | | | | |
| | TNMM544-HU7 | TNMM270616-HU7 | 0.063 | 0.020-0.043 | 0.079-0.512 | | | | | | | | | | | | | | | | | |

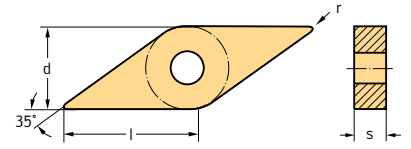
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide
 HE = Coated cermet

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Turning Insert – Negative rhombic 35°
VNMG / VNGG / VNMA
Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | K | | | N | | S | | | | | | | |
|------------------|-----------------|-----------------|---------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|--------|--------|--------|------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | WS10 |
| VNMG331-NFT | VNMG160404-NFT | 0.654 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | | | | | | | | | | | | | | | | | | | |
| | VNMG332-NFT | VNMG160408-NFT | 0.654 | 0.032 | 0.003-0.007 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | |
| VNGG331-NFT | VNGG160404-NFT | 0.654 | 0.016 | 0.002-0.005 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | |
| | VNGG332-NFT | VNGG160408-NFT | 0.654 | 0.032 | 0.002-0.006 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | VNGG333-NFT | VNGG160412-NFT | 0.654 | 0.047 | 0.002-0.006 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | |
| VNMG3(3)0.5-FM5 | VNMG160402-FM5 | 0.654 | 0.008 | 0.001-0.004 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | |
| | VNMG331-FM5 | VNMG160404-FM5 | 0.654 | 0.016 | 0.002-0.006 | 0.008-0.039 | | | | | | | | | | | | | | | | | | | | | |
| | VNMG332-FM5 | VNMG160408-FM5 | 0.654 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | | | | | | | | | | | | |
| VNMG331-FP5 | VNMG160404-FP5 | 0.654 | 0.016 | 0.002-0.009 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | ☺ | | | | | | | | | | | |
| | VNMG332-FP5 | VNMG160408-FP5 | 0.654 | 0.032 | 0.003-0.010 | 0.008-0.079 | ☺ | ☺ | ☺ | | | | | | | ☺ | | | | | | | | | | | |
| | VNMG333-FP5 | VNMG160412-FP5 | 0.654 | 0.047 | 0.005-0.011 | 0.012-0.098 | | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| VNGG3(3)0.5M-MN3 | VNGG160402M-MN3 | 0.654 | 0.007 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | ☺ | ☺ | | | | | | |
| | VNGG331M-MN3 | VNGG160404M-MN3 | 0.654 | 0.015 | 0.003-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | ☺ | ☺ | | | | | |
| VNMG331-MS3 | VNMG160404-MS3 | 0.654 | 0.016 | 0.004-0.008 | 0.024-0.098 | | | | | | | | | | | | | | | | | ☺ | ☺ | | | | |
| | VNMG332-MS3 | VNMG160408-MS3 | 0.654 | 0.032 | 0.005-0.010 | 0.031-0.098 | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| VNGG3(3)0.2-MS3 | VNGG160401-MS3 | 0.654 | 0.004 | 0.001-0.002 | 0.008-0.079 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | VNGG3(3)0.5-MS3 | VNGG160402-MS3 | 0.654 | 0.008 | 0.002-0.005 | 0.016-0.079 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | |
| | VNGG331-MS3 | VNGG160404-MS3 | 0.654 | 0.016 | 0.004-0.008 | 0.024-0.079 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | |
| VNMG331-NMS | VNMG160404-NMS | 0.654 | 0.016 | 0.003-0.006 | 0.020-0.059 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | VNMG332-NMS | VNMG160408-NMS | 0.654 | 0.032 | 0.004-0.009 | 0.031-0.087 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | |
| VNMG331-MP3 | VNMG160404-MP3 | 0.654 | 0.016 | 0.003-0.009 | 0.012-0.087 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | VNMG332-MP3 | VNMG160408-MP3 | 0.654 | 0.032 | 0.005-0.013 | 0.024-0.118 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | VNMG333-MP3 | VNMG160412-MP3 | 0.654 | 0.047 | 0.006-0.014 | 0.031-0.126 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VNMG331-MM5 | VNMG160404-MM5 | 0.654 | 0.016 | 0.004-0.007 | 0.020-0.079 | | | | | ☺ | | | | | | | | | | | | | ☺ | ☺ | | ☺ | |
| | VNMG332-MM5 | VNMG160408-MM5 | 0.654 | 0.032 | 0.006-0.010 | 0.031-0.118 | | | | | ☺ | | | | | | | | | | | | | ☺ | ☺ | | ☺ |
| VNMG331-MP5 | VNMG160404-MP5 | 0.654 | 0.016 | 0.004-0.007 | 0.02-0.079 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | VNMG332-MP5 | VNMG160408-MP5 | 0.654 | 0.032 | 0.007-0.014 | 0.024-0.157 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | VNMG333-MP5 | VNMG160412-MP5 | 0.654 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | VNMG432-MP5 | VNMG220408-MP5 | 0.872 | 0.032 | 0.007-0.014 | 0.024-0.157 | | | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VNMG331-MK5 | VNMG160404-MK5 | 0.654 | 0.016 | 0.006-0.010 | 0.024-0.157 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | VNMG332-MK5 | VNMG160408-MK5 | 0.654 | 0.032 | 0.007-0.014 | 0.031-0.157 | | | | | | | | | | | | | | | | | | ☺ | ☺ | | |
| | VNMG333-MK5 | VNMG160412-MK5 | 0.654 | 0.047 | 0.008-0.014 | 0.039-0.157 | | | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| VNMA332-RK5 | VNMA160408-RK5 | 0.654 | 0.032 | 0.007-0.014 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | VNMA333-RK5 | VNMA160412-RK5 | 0.654 | 0.047 | 0.008-0.016 | 0.039-0.157 | | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WS10: VNMG160404-NFT WS10

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT

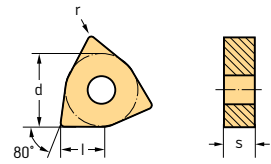
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

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

Turning Insert – Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

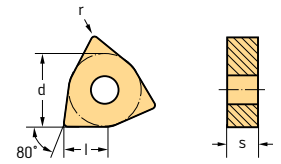
| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | | | |
|------------------|----------------|-----------------|---------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|--------|--------|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WN10 | WN10 | WSM01 | WSM10S | WSM20S |
| | WNMG331-FW5 | WNMG060404-FW5 | 0.257 | 0.016 | 0.004-0.014 | 0.012-0.079 | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG332-FW5 | WNMG060408-FW5 | 0.257 | 0.032 | 0.006-0.020 | 0.016-0.079 | | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG431-FW5 | WNMG080404-FW5 | 0.342 | 0.016 | 0.004-0.016 | 0.012-0.118 | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG432-FW5 | WNMG080408-FW5 | 0.342 | 0.032 | 0.006-0.024 | 0.016-0.118 | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG433-FW5 | WNMG080412-FW5 | 0.342 | 0.047 | 0.01-0.026 | 0.024-0.118 | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG331-FM5 | WNMG060404-FM5 | 0.257 | 0.016 | 0.002-0.006 | 0.008-0.039 | | | | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG332-FM5 | WNMG060408-FM5 | 0.257 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG431-FM5 | WNMG080404-FM5 | 0.342 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | ☺ | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG432-FM5 | WNMG080408-FM5 | 0.342 | 0.032 | 0.003-0.008 | 0.016-0.059 | | | | ☺ | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG433-FM5 | WNMG080412-FM5 | 0.342 | 0.047 | 0.004-0.010 | 0.020-0.079 | | | | ☺ | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | |
| | WNMG331-FP5 | WNMG060404-FP5 | 0.257 | 0.016 | 0.002-0.008 | 0.004-0.059 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG332-FP5 | WNMG060408-FP5 | 0.257 | 0.032 | 0.003-0.010 | 0.008-0.079 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG431-FP5 | WNMG080404-FP5 | 0.342 | 0.016 | 0.002-0.008 | 0.004-0.059 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG432-FP5 | WNMG080408-FP5 | 0.342 | 0.032 | 0.003-0.010 | 0.008-0.079 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG433-FP5 | WNMG080412-FP5 | 0.342 | 0.047 | 0.004-0.010 | 0.020-0.098 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG332-MW5 | WNMG060408-MW5 | 0.257 | 0.032 | 0.006-0.020 | 0.031-0.118 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG333-MW5 | WNMG060412-MW5 | 0.257 | 0.047 | 0.008-0.024 | 0.059-0.118 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG432-MW5 | WNMG080408-MW5 | 0.342 | 0.032 | 0.008-0.026 | 0.031-0.157 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | WNMG433-MW5 | WNMG080412-MW5 | 0.342 | 0.047 | 0.010-0.028 | 0.059-0.157 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| | WNGG431M-MN3 | WNGG080404M-MN3 | 0.342 | 0.015 | 0.003-0.012 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | |
| | WNGG432M-MN3 | WNGG080408M-MN3 | 0.342 | 0.030 | 0.004-0.016 | 0.039-0.157 | | | | | | | | | | | | | | | | | | | | |
| | WNMG431-MS3 | WNMG080404-MS3 | 0.342 | 0.016 | 0.005-0.010 | 0.024-0.118 | | | | | | | | | ☺ | ☺ | | | | | | ☺ | ☺ | | | |
| | WNMG432-MS3 | WNMG080408-MS3 | 0.342 | 0.032 | 0.006-0.012 | 0.031-0.118 | | | ☺ | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | ☺ |
| | WNMG432-NMT | WNMG080408-NMT | 0.342 | 0.032 | 0.005-0.012 | 0.031-0.157 | | | | | | | | | | | | | | | | | | ☺ | ☺ | |
| | WNMG332-NMS | WNMG060408-NMS | 0.257 | 0.032 | 0.004-0.012 | 0.031-0.118 | | | | | | | | | | | | | | | | | | ☺ | ☺ | ☺ |
| | WNMG431-NMS | WNMG080404-NMS | 0.342 | 0.016 | 0.004-0.009 | 0.024-0.098 | | | | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | ☺ |
| | WNMG432-NMS | WNMG080408-NMS | 0.342 | 0.032 | 0.005-0.013 | 0.031-0.138 | | | | | | | | | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | | ☺ |
| | WNMG331-MP3 | WNMG060404-MP3 | 0.257 | 0.016 | 0.003-0.009 | 0.012-0.087 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG332-MP3 | WNMG060408-MP3 | 0.257 | 0.032 | 0.005-0.013 | 0.024-0.118 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG333-MP3 | WNMG060412-MP3 | 0.257 | 0.047 | 0.006-0.014 | 0.031-0.126 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG431-MP3 | WNMG080404-MP3 | 0.342 | 0.016 | 0.003-0.009 | 0.012-0.098 | | | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | WNMG432-MP3 | WNMG080408-MP3 | 0.342 | 0.032 | 0.005-0.013 | 0.024-0.126 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | |
| WNMG433-MP3 | WNMG080412-MP3 | 0.342 | 0.047 | 0.006-0.016 | 0.031-0.138 | | | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹☹ machining conditions

Turning Insert – Negative Trigon 80° WNMG / WNGG / WNMA / WNMM Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | K | | | N | | S | | | | |
|------------------|-------------|----------------|---------|---------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|---------|--------|--------|--------|-------|------|--------|---------|
| | | | | | | HC | | | | | | HC | | | | HC | HC | HW | HC | | | | | | |
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSPM01 | WSPM10S | WMP20S | WSPM20S | WSPM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSPM01 | WSPM10S |
| | WNMG331-MM5 | WNMG060404-MM5 | 0.257 | 0.016 | 0.004-0.007 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | |
| | WNMG332-MM5 | WNMG060408-MM5 | 0.257 | 0.032 | 0.006-0.010 | 0.031-0.098 | | | | | | | | | | | | | | | | | | | |
| | WNMG333-MM5 | WNMG060412-MM5 | 0.257 | 0.047 | 0.007-0.012 | 0.031-0.118 | | | | | | | | | | | | | | | | | | | |
| | WNMG431-MM5 | WNMG080404-MM5 | 0.342 | 0.016 | 0.004-0.008 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | |
| | WNMG432-MM5 | WNMG080408-MM5 | 0.342 | 0.032 | 0.006-0.013 | 0.031-0.118 | | | | | | | | | | | | | | | | | | | |
| | WNMG433-MM5 | WNMG080412-MM5 | 0.342 | 0.047 | 0.006-0.014 | 0.031-0.138 | | | | | | | | | | | | | | | | | | | |
| | WNMG434-MM5 | WNMG080416-MM5 | 0.342 | 0.063 | 0.006-0.016 | 0.039-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG542-MM5 | WNMG100608-MM5 | 0.428 | 0.032 | 0.007-0.016 | 0.031-0.177 | | | | | | | | | | | | | | | | | | | |
| | WNMG543-MM5 | WNMG100612-MM5 | 0.428 | 0.047 | 0.008-0.018 | 0.031-0.177 | | | | | | | | | | | | | | | | | | | |
| | WNMG331-MP5 | WNMG060404-MP5 | 0.257 | 0.016 | 0.006-0.010 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG332-MP5 | WNMG060408-MP5 | 0.257 | 0.032 | 0.007-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG333-MP5 | WNMG060412-MP5 | 0.257 | 0.047 | 0.008-0.016 | 0.039-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG431-MP5 | WNMG080404-MP5 | 0.342 | 0.016 | 0.006-0.010 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG432-MP5 | WNMG080408-MP5 | 0.342 | 0.032 | 0.007-0.016 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG433-MP5 | WNMG080412-MP5 | 0.342 | 0.047 | 0.008-0.018 | 0.039-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG434-MP5 | WNMG080416-MP5 | 0.342 | 0.063 | 0.010-0.020 | 0.047-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG542-MP5 | WNMG100608-MP5 | 0.428 | 0.032 | 0.010-0.016 | 0.031-0.276 | | | | | | | | | | | | | | | | | | | |
| | WNMG543-MP5 | WNMG100612-MP5 | 0.428 | 0.047 | 0.012-0.02 | 0.039-0.276 | | | | | | | | | | | | | | | | | | | |
| | WNMG332-MU5 | WNMG060408-MU5 | 0.257 | 0.032 | 0.006-0.014 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | |
| | WNMG431-MU5 | WNMG080404-MU5 | 0.342 | 0.016 | 0.006-0.012 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG432-MU5 | WNMG080408-MU5 | 0.342 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG433-MU5 | WNMG080412-MU5 | 0.342 | 0.047 | 0.008-0.020 | 0.039-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG434-MU5 | WNMG080416-MU5 | 0.342 | 0.063 | 0.010-0.022 | 0.047-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG331-MK5 | WNMG060404-MK5 | 0.257 | 0.016 | 0.006-0.010 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG332-MK5 | WNMG060408-MK5 | 0.257 | 0.032 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG333-MK5 | WNMG060412-MK5 | 0.257 | 0.047 | 0.006-0.018 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG431-MK5 | WNMG080404-MK5 | 0.342 | 0.016 | 0.006-0.010 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG432-MK5 | WNMG080408-MK5 | 0.342 | 0.032 | 0.008-0.018 | 0.047-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG433-MK5 | WNMG080412-MK5 | 0.342 | 0.047 | 0.009-0.020 | 0.059-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG434-MK5 | WNMG080416-MK5 | 0.342 | 0.063 | 0.010-0.022 | 0.079-0.197 | | | | | | | | | | | | | | | | | | | |
| | WNMG542-MK5 | WNMG100608-MK5 | 0.428 | 0.032 | 0.010-0.020 | 0.031-0.276 | | | | | | | | | | | | | | | | | | | |
| | WNMG543-MK5 | WNMG100612-MK5 | 0.428 | 0.047 | 0.012-0.024 | 0.047-0.276 | | | | | | | | | | | | | | | | | | | |
| | WNMG544-MK5 | WNMG100616-MK5 | 0.428 | 0.063 | 0.014-0.024 | 0.059-0.276 | | | | | | | | | | | | | | | | | | | |
| | WNMG432-NRS | WNMG080408-NRS | 0.342 | 0.032 | 0.006-0.014 | 0.039-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG433-NRS | WNMG080412-NRS | 0.342 | 0.047 | 0.007-0.016 | 0.047-0.157 | | | | | | | | | | | | | | | | | | | |
| | WNMG332-RM5 | WNMG060408-RM5 | 0.257 | 0.032 | 0.008-0.016 | 0.047-0.138 | | | | | | | | | | | | | | | | | | | |
| | WNMG432-RM5 | WNMG080408-RM5 | 0.342 | 0.032 | 0.008-0.016 | 0.047-0.177 | | | | | | | | | | | | | | | | | | | |
| | WNMG433-RM5 | WNMG080412-RM5 | 0.342 | 0.047 | 0.010-0.020 | 0.059-0.177 | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

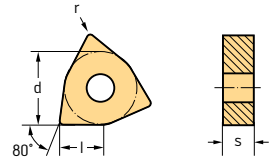
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ * = New addition to the product range

Turning Insert – Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | | | | | | | |
|------------------|-------------|----------------|---------|---------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|------|------|-------|--------|--------|--------|------|--|--|
| | | | | | | WKP01G | WPP05G | WPP10G | WPP20G | WMP20S | WPP30G | WKP30S | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | WS10 | | |
| | WNMG332-RP5 | WNMG060408-RP5 | 6.52 | 0.8 | 0.008-0.016 | 0.031-0.157 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG333-RP5 | WNMG060412-RP5 | 6.52 | 1.2 | 0.01-0.02 | 0.039-0.157 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG432-RP5 | WNMG080408-RP5 | 8.69 | 0.8 | 0.008-0.016 | 0.031-0.236 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | | | | | | | | | | | |
| | WNMG433-RP5 | WNMG080412-RP5 | 8.69 | 1.2 | 0.01-0.024 | 0.039-0.236 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | | | | | | | | | | | |
| | WNMG434-RP5 | WNMG080416-RP5 | 8.69 | 1.6 | 0.014-0.028 | 0.063-0.236 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG543-RP5 | WNMG100612-RP5 | 10.86 | 1.2 | 0.014-0.026 | 0.047-0.315 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG544-RP5 | WNMG100616-RP5 | 10.86 | 1.6 | 0.014-0.028 | 0.063-0.315 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG432-RP7 | WNMG080408-RP7 | 8.69 | 0.8 | 0.007-0.016 | 0.031-0.197 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG433-RP7 | WNMG080412-RP7 | 8.69 | 1.2 | 0.01-0.02 | 0.047-0.197 | | ☺ | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG542-RP7 | WNMG100608-RP7 | 10.86 | 0.8 | 0.012-0.02 | 0.031-0.236 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG543-RP7 | WNMG100612-RP7 | 10.86 | 1.2 | 0.014-0.024 | 0.047-0.236 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMG544-RP7 | WNMG100616-RP7 | 10.86 | 1.6 | 0.016-0.024 | 0.059-0.236 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMA331-RK5 | WNMA060404-RK5 | 6.52 | 0.4 | 0.006-0.01 | 0.024-0.157 | | | | | | | | | | | | | ☺ | | | | | | | | | | | |
| | WNMA332-RK5 | WNMA060412-RK5 | 6.52 | 0.8 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | | |
| | WNMA333-RK5 | WNMA060412-RK5 | 6.52 | 1.2 | 0.009-0.02 | 0.047-0.157 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA431-RK5 | WNMA080404-RK5 | 8.69 | 0.4 | 0.006-0.01 | 0.024-0.197 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA432-RK5 | WNMA080408-RK5 | 8.69 | 0.8 | 0.008-0.018 | 0.047-0.197 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA433-RK5 | WNMA080412-RK5 | 8.69 | 1.2 | 0.009-0.02 | 0.059-0.197 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA543-RK5 | WNMA100612-RK5 | 10.86 | 1.2 | 0.01-0.024 | 0.059-0.236 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA544-RK5 | WNMA100616-RK5 | 10.86 | 1.6 | 0.012-0.026 | 0.059-0.236 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA432-RK7 | WNMA080408-RK7 | 8.69 | 0.8 | 0.008-0.018 | 0.047-0.197 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMA433-RK7 | WNMA080412-RK7 | 8.69 | 1.2 | 0.009-0.02 | 0.059-0.197 | | | | | | | | | | | | | ☺ | ☺ | ☺ | | | | | | | | | |
| | WNMM433-HU3 | WNMM080412-HU3 | 8.69 | 1.2 | 0.014-0.024 | 0.047-0.236 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMM543-HU3 | WNMM100612-HU3 | 10.86 | 1.2 | 0.014-0.028 | 0.047-0.315 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |
| | WNMM544-HU3 | WNMM100616-HU3 | 10.86 | 1.6 | 0.016-0.035 | 0.063-0.315 | | | | ☺ | ☺ | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

HC = Coated carbide

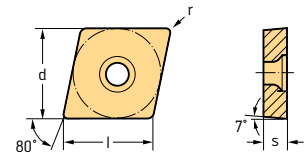
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | M | | | | | K | | | N | | S | | | | |
|------------------|-------------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|
| | | | | | | HC | | | HE | | HC | | | | | HC | | | HC HW | | HC | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 |
| | CCMT2(1.5)0.5-FM4 | 0.254 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | | | | | ⊕ | ⊕ | ⊕ | ⊕ |
| | CCMT2(1.5)1-FM4 | 0.254 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | | | | | ⊕ | ⊕ | ⊕ | ⊕ |
| | CCMT2(1.5)2-FM4 | 0.254 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | ⊕ | ⊕ | ⊕ |
| | CCMT3(2.5)0.5-FM4 | 0.381 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | ⊕ | ⊕ | ⊕ |
| | CCMT3(2.5)1-FM4 | 0.381 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | ⊕ | ⊕ | ⊕ |
| | CCMT3(2.5)2-FM4 | 0.381 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | ⊕ | ⊕ | ⊕ |
| | CCMT431-FM4 | 0.508 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | ⊕ | ⊕ | ⊕ |
| | CCMT432-FM4 | 0.508 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | ⊕ | ⊕ | ⊕ | ⊕ | | | | | | ⊕ | ⊕ | ⊕ |
| | CCMT2(1.5)0.5-FP4 | 0.254 | 0.008 | 0.002-0.005 | 0.004-0.039 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT2(1.5)1-FP4 | 0.254 | 0.016 | 0.002-0.006 | 0.004-0.059 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT2(1.5)2-FP4 | 0.254 | 0.032 | 0.003-0.008 | 0.004-0.059 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT3(2.5)0.5-FP4 | 0.381 | 0.008 | 0.002-0.005 | 0.004-0.039 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT3(2.5)1-FP4 | 0.381 | 0.016 | 0.002-0.006 | 0.004-0.059 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT3(2.5)2-FP4 | 0.381 | 0.032 | 0.003-0.008 | 0.004-0.059 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT431-FP4 | 0.508 | 0.016 | 0.002-0.006 | 0.004-0.059 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT432-FP4 | 0.508 | 0.032 | 0.003-0.008 | 0.004-0.059 | ⊕ | ⊕ | ⊕ | | | | | | | ⊕ | | | | | | | | |
| | CCMT2(1.5)1-FM6 | 0.254 | 0.016 | 0.003-0.010 | 0.012-0.063 | | | | | | | | | | | | | | | | | ⊕ | ⊕ |
| | CCMT2(1.5)2-FM6 | 0.254 | 0.032 | 0.005-0.012 | 0.020-0.063 | | | | | | | | | | | | | | | | | | ⊕ |
| | CCMT3(2.5)1-FM6 | 0.381 | 0.016 | 0.003-0.010 | 0.012-0.079 | | | | | | | | | | | | | | | | | | ⊕ |
| | CCMT3(2.5)2-FM6 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.079 | | | | | | | | | | | | | | | | | | ⊕ |
| | CCMT432-FM6 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | | | | | | | ⊕ |
| | CCMT2(1.5)1-FP6 | 0.254 | 0.016 | 0.002-0.007 | 0.012-0.079 | ⊕ | ⊕ | | | | | | | | | | | | | | | | |
| | CCMT2(1.5)2-FP6 | 0.254 | 0.032 | 0.004-0.008 | 0.020-0.079 | ⊕ | ⊕ | | | | | | | | | | | | | | | | |
| | CCMT3(2.5)1-FP6 | 0.381 | 0.016 | 0.003-0.008 | 0.012-0.079 | ⊕ | ⊕ | | | | | | | | | | | | | | | | |
| | CCMT3(2.5)2-FP6 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.079 | ⊕ | ⊕ | | | | | | | | | | | | | | | | |
| | CCMT431-FP6 | 0.508 | 0.016 | 0.004-0.010 | 0.012-0.098 | | | ⊕ | | | | | | | | | | | | | | | |
| | CCMT432-FP6 | 0.508 | 0.032 | 0.005-0.013 | 0.02-0.098 | | | ⊕ | | | | | | | | | | | | | | | |
| | CCMT2(1.5)1-FK6 | 0.254 | 0.016 | 0.002-0.007 | 0.012-0.079 | | | | | | | | | | ⊕ | ⊕ | | | | | | | |
| | CCMT2(1.5)2-FK6 | 0.254 | 0.032 | 0.004-0.008 | 0.020-0.079 | | | | | | | | | | ⊕ | ⊕ | | | | | | | |
| | CCMT3(2.5)1-FK6 | 0.381 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | ⊕ | ⊕ | | | | | | | |
| | CCMT3(2.5)2-FK6 | 0.381 | 0.032 | 0.004-0.010 | 0.020-0.079 | | | | | | | | | | ⊕ | ⊕ | | | | | | | |
| | CCMT431-FK6 | 0.508 | 0.016 | 0.004-0.010 | 0.012-0.098 | | | | | | | | | | ⊕ | ⊕ | | | | | | | |
| | CCMT432-FK6 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | ⊕ | ⊕ | | | | | | | |
| | CCMT3(2.5)1-MW4 | 0.381 | 0.016 | 0.005-0.016 | 0.020-0.157 | ⊕ | ⊕ | | | | | | | | ⊕ | ⊕ | | | | | | ⊕ | ⊕ |
| | CCMT3(2.5)1-MW4 | 0.381 | 0.032 | 0.006-0.020 | 0.028-0.157 | ⊕ | ⊕ | | | | | | | | ⊕ | ⊕ | | | | | | ⊕ | ⊕ |
| | CCMT3(2.5)3-MW4 | 0.381 | 0.047 | 0.007-0.022 | 0.031-0.157 | | | ⊕ | | | | | | | ⊕ | ⊕ | | | | | | ⊕ | ⊕ |
| Wiper | CCMT431-MW4 | 0.508 | 0.016 | 0.005-0.016 | 0.020-0.177 | | | ⊕ | | | | | | | ⊕ | ⊕ | | | | | | ⊕ | ⊕ |
| | CCMT432-MW4 | 0.508 | 0.032 | 0.007-0.022 | 0.028-0.177 | | | ⊕ | | | | | | | ⊕ | ⊕ | | | | | | ⊕ | ⊕ |
| | CCMT433-MW4 | 0.508 | 0.047 | 0.007-0.022 | 0.031-0.177 | | | ⊕ | | | | | | | ⊕ | ⊕ | | | | | | ⊕ | ⊕ |

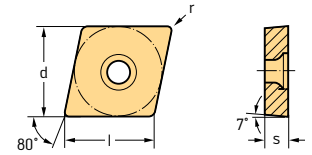
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | | | | | M | | | K | | N | | S | | | | |
|-------------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|--|
| | | | | | | HC | | | | | HE | | | | | HC | | | | | HC | | HW | HC | | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | |
| CCGT2(1.5)0.2-MN2 | CCGT060201-MN2 | 0.254 | 0.004 | 0.001-0.002 | 0.020-0.059 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT2(1.5)0.5-MN2 | CCGT060202-MN2 | 0.254 | 0.008 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT2(1.5)1-MN2 | CCGT060204-MN2 | 0.254 | 0.016 | 0.003-0.010 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)0.2-MN2 | CCGT09T301-MN2 | 0.381 | 0.004 | 0.001-0.002 | 0.020-0.059 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)0.5-MN2 | CCGT09T302-MN2 | 0.381 | 0.008 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)1-MN2 | CCGT09T304-MN2 | 0.381 | 0.016 | 0.003-0.010 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)2-MN2 | CCGT09T308-MN2 | 0.381 | 0.032 | 0.004-0.014 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT4(3)0.5-MN2 | CCGT120402-MN2 | 0.508 | 0.008 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT431-MN2 | CCGT120404-MN2 | 0.508 | 0.016 | 0.003-0.010 | 0.024-0.197 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT432-MN2 | CCGT120408-MN2 | 0.508 | 0.032 | 0.004-0.014 | 0.031-0.197 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT2(1.5)1-MM4 | CCMT060204-MM4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT2(1.5)2-MM4 | CCMT060208-MM4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT3(2.5)1-MM4 | CCMT09T304-MM4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT3(2.5)2-MM4 | CCMT09T308-MM4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT431-MM4 | CCMT120404-MM4 | 0.508 | 0.016 | 0.005-0.010 | 0.016-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT432-MM4 | CCMT120408-MM4 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT2(1.5)1-MM4 | CCGT060204-MM4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT2(1.5)2-MM4 | CCGT060208-MM4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)1-MM4 | CCGT09T304-MM4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)2-MM4 | CCGT09T308-MM4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT432-MM4 | CCGT120408-MM4 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT2(1.5)1-MP4 | CCMT060204-MP4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT2(1.5)2-MP4 | CCMT060208-MP4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT3(2.5)1-MP4 | CCMT09T304-MP4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT3(2.5)2-MP4 | CCMT09T308-MP4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT431-MP4 | CCMT120404-MP4 | 0.508 | 0.016 | 0.005-0.010 | 0.016-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT432-MP4 | CCMT120408-MP4 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT2(1.5)1-MP4 | CCGT060204-MP4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)1-MP4 | CCGT09T304-MP4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT3(2.5)2-MP4 | CCGT09T308-MP4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCGT432-MP4 | CCGT120408-MP4 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT2(1.5)1-MP6 | CCMT060204-MP6 | 0.254 | 0.016 | 0.004-0.008 | 0.016-0.098 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT331-MP6 | CCMT090304-MP6 | 0.381 | 0.016 | 0.004-0.010 | 0.016-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT332-MP6 | CCMT090308-MP6 | 0.381 | 0.032 | 0.006-0.013 | 0.024-0.138 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT3(2.5)1-MP6 | CCMT09T304-MP6 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT3(2.5)2-MP6 | CCMT09T308-MP6 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT432-MP6 | CCMT120408-MP6 | 0.508 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| CCMT5(3.5)2-MP6 | CCMT160508-MP6 | 0.635 | 0.032 | 0.006-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide
HE = Coated cermet
HW = Uncoated carbide

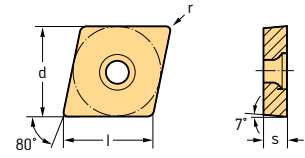
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

☺ ☹ ☹☹ / * = New addition to the product range

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | M | | | | | K | | | N | | S | | | | |
|------------------|-------------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|
| | | | | | | HC | | | | | HE | | | | | HC | | | | | HC | HW | HC | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S |
| | CCMT2(1.5)1-MK4 | CCMT060204-MK4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT2(1.5)2-MK4 | CCMT060208-MK4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT3(2.5)1-MK4 | CCMT09T304-MK4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT3(2.5)2-MK4 | CCMT09T308-MK4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT431-MK4 | CCMT120404-MK4 | 0.508 | 0.016 | 0.005-0.010 | 0.016-0.138 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT432-MK4 | CCMT120408-MK4 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCGT2(1.5)1-MK4 | CCGT060204-MK4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCGT2(1.5)2-MK4 | CCGT060208-MK4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCGT3(2.5)1-MK4 | CCGT09T304-MK4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCGT3(2.5)2-MK4 | CCGT09T308-MK4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCGT432-MK4 | CCGT120408-MK4 | 0.508 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT2(1.5)1-RM4 | CCMT060204-RM4 | 0.254 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT2(1.5)2-RM4 | CCMT060208-RM4 | 0.254 | 0.032 | 0.006-0.012 | 0.024-0.098 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT3(2.5)1-RM4 | CCMT09T304-RM4 | 0.381 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT3(2.5)2-RM4 | CCMT09T308-RM4 | 0.381 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT431-RM4 | CCMT120404-RM4 | 0.508 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT432-RM4 | CCMT120408-RM4 | 0.508 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT433-RM4 | CCMT120412-RM4 | 0.508 | 0.047 | 0.008-0.020 | 0.031-0.197 | | | ☺ | | | | | | | | | | | ☺ | ☺ | ☺ | | | |
| | CCMT2(1.5)1-RP4 | CCMT060204-RP4 | 0.254 | 0.016 | 0.005-0.010 | 0.016-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT2(1.5)2-RP4 | CCMT060208-RP4 | 0.254 | 0.032 | 0.006-0.012 | 0.024-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT3(2.5)1-RP4 | CCMT09T304-RP4 | 0.381 | 0.016 | 0.005-0.010 | 0.016-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT3(2.5)2-RP4 | CCMT09T308-RP4 | 0.381 | 0.032 | 0.006-0.014 | 0.024-0.157 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT431-RP4 | CCMT120404-RP4 | 0.508 | 0.016 | 0.005-0.012 | 0.016-0.157 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT432-RP4 | CCMT120408-RP4 | 0.508 | 0.032 | 0.006-0.016 | 0.024-0.197 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT433-RP4 | CCMT120412-RP4 | 0.508 | 0.047 | 0.008-0.020 | 0.031-0.197 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | CCMT2(1.5)1-RK4 | CCMT060204-RK4 | 0.254 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT2(1.5)2-RK4 | CCMT060208-RK4 | 0.254 | 0.032 | 0.006-0.012 | 0.024-0.098 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT3(2.5)1-RK4 | CCMT09T304-RK4 | 0.381 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT3(2.5)2-RK4 | CCMT09T308-RK4 | 0.381 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT431-RK4 | CCMT120404-RK4 | 0.508 | 0.016 | 0.005-0.012 | 0.016-0.157 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT432-RK4 | CCMT120408-RK4 | 0.508 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMT433-RK4 | CCMT120412-RK4 | 0.508 | 0.047 | 0.008-0.020 | 0.031-0.197 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW2(1.5)0.5-RK6 | CCMW060202-RK6 | 0.254 | 0.008 | 0.003-0.005 | 0.008-0.098 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW2(1.5)1-RK6 | CCMW060204-RK6 | 0.254 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW2(1.5)2-RK6 | CCMW060208-RK6 | 0.254 | 0.032 | 0.006-0.012 | 0.020-0.098 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW3(2.5)1-RK6 | CCMW09T304-RK6 | 0.381 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW3(2.5)2-RK6 | CCMW09T308-RK6 | 0.381 | 0.032 | 0.006-0.014 | 0.020-0.157 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW432-RK6 | CCMW120408-RK6 | 0.508 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | | | | | | | | | ☺ | ☺ | | | | | | | |
| | CCMW433-RK6 | CCMW120412-RK6 | 0.508 | 0.047 | 0.008-0.020 | 0.031-0.197 | | | | | | | | | | | ☺ | ☺ | | | | | | | |

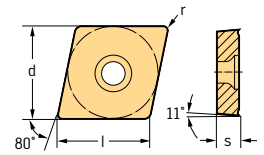
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive rhombic 80°

CPGT / CPMT / CPMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | M | | K | | S | |
|------------------|----------------------|---------|---------|-------------|----------------------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|
| | | | | | | HC | | HE | | HC | | HC | | HC | |
| | | | | | | WPP10G | WPP20G | WMP20S | WEP10C | WSM01 | WMP20S | WSM20S | WKK20S | WSM01 | WSM20S |
| | CPGT1.8(1.5)0.5M-FP2 | 0.222 | 0.007 | 0.002-0.005 | 0.008-0.079 | | | | ☺ | | | | | | |
| | CPGT1.8(1.5)1M-FP2 | 0.222 | 0.015 | 0.003-0.008 | 0.008-0.079 | | | | ☺ | | | | | | |
| | CPMT1.8(1.5)1-FM4 | 0.222 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | ☺ | | | | | | | |
| | CPMT2(1.5)1-FM4 | 0.254 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | ☺ | | | ☺ | ☺ | | | ☺ |
| | CPMT3(2.5)1-FM4 | 0.381 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | ☺ | | | ☺ | ☺ | | | ☺ |
| | CPMT3(2.5)2-FM4 | 0.381 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | ☺ | | | ☺ | ☺ | | | ☺ |
| | CPMT1.8(1.5)1-FP4 | 0.222 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | | | | | | | | | |
| | CPMT2(1.5)1-FP4 | 0.254 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | | | | | | | | | |
| | CPMT3(2.5)1-FP4 | 0.381 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | | | | | | | | | |
| | CPMT3(2.5)2-FP4 | 0.381 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | | | | | | | | | |
| | CPMT1.5(1.2)1-MM4 | 0.191 | 0.016 | 0.002-0.006 | 0.012-0.059 | | | | | | | | | | ☺ |
| | CPMT2(1.5)1-MM4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | ☺ |
| | CPMT2(1.5)2-MM4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | ☺ |
| | CPMT3(2.5)1-MM4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | ☺ |
| | CPMT3(2.5)2-MM4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | ☺ |
| | CPMT1.8(1.5)1-MM4 | 0.222 | 0.016 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | ☺ |
| | CPGT2(1.5)0.2-MM4 | 0.254 | 0.004 | 0.002-0.005 | 0.004-0.079 | | | | | | | | | | ☺ |
| | CPGT2(1.5)0.5-MM4 | 0.254 | 0.008 | 0.002-0.006 | 0.008-0.079 | | | | | | | | | | ☺ |
| | CPGT2(1.5)1-MM4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | ☺ |
| | CPGT2(1.5)2-MM4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | ☺ |
| | CPGT3(2.5)0.2-MM4 | 0.381 | 0.004 | 0.002-0.008 | 0.004-0.118 | | | | | | | | | | ☺ |
| | CPGT3(2.5)1-MM4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | ☺ |
| | CPGT3(2.5)2-MM4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | ☺ |
| | CPMT1.5(1.2)1-MP4 | 0.191 | 0.016 | 0.002-0.006 | 0.012-0.059 | | | | | | | | | | ☺ |
| | CPMT2(1.5)1-MP4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | ☺ |
| | CPMT2(1.5)2-MP4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | ☺ |
| | CPMT3(2.5)1-MP4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | ☺ |
| | CPMT3(2.5)2-MP4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | ☺ |
| | CPGT1.8(1.5)1-MP4 | 0.222 | 0.016 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | ☺ |
| | CPGT2(1.5)1-MP4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | ☺ |
| | CPGT3(2.5)1-MP4 | 0.381 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | ☺ |
| | CPGT3(2.5)2-MP4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | ☺ |
| | CPMT2(1.5)2-MK4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | ☺ |
| | CPMT3(2.5)2-MK4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | ☺ |
| | CPGT1.8(1.5)1-MK4 | 0.222 | 0.016 | 0.003-0.008 | 0.016-0.059 | | | | | | | | | | ☺ |
| | CPGT2(1.5)1-MK4 | 0.254 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | ☺ |
| | CPGT2(1.5)2-MK4 | 0.254 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | ☺ |
| | CPGT3(2.5)2-MK4 | 0.381 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | ☺ |
| | CPMW1.8(1.5)1-RK6 | 0.222 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | | | | ☺ |
| | CPMW2(1.5)1-RK6 | 0.254 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | | | | ☺ |
| | CPMW3(2.5)1-RK6 | 0.381 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | ☺ |
| | CPMW3(2.5)2-RK6 | 0.381 | 0.032 | 0.006-0.014 | 0.020-0.157 | | | | | | | | | | ☺ |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WEP10C: CPGT050202M-FP2 WEP10C

HC = Coated carbide
 HE = Coated cermet

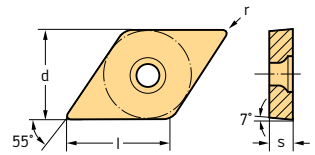
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert – Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | M | | | | | K | | | N | | S | | | | | | | |
|-------------------|---------------------|------------------|---------|-------------|--------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|----|--|--|
| | | | | | | HC | | | | | | HE | | | | | HC | | | | | HC | | | HW | | HC | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WNN10 | WSM01 | WSM10S | WSM20S | WSM30S | | | |
| DCMT2(1.5)0.5-FW4 | DCMT070202-FW4 | 0.305 | 0.008 | 0.001-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-FW4 | DCMT070204-FW4 | 0.305 | 0.016 | 0.002-0.010 | 0.008-0.079 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)2-FW4 | DCMT070208-FW4 | 0.305 | 0.032 | 0.004-0.014 | 0.012-0.079 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)0.5-FW4 | DCMT11T302-FW4 | 0.458 | 0.008 | 0.001-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-FW4 | DCMT11T304-FW4 | 0.458 | 0.016 | 0.003-0.012 | 0.008-0.098 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-FW4 | DCMT11T308-FW4 | 0.458 | 0.032 | 0.005-0.016 | 0.012-0.098 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5-FL2 | DCGT11T302-FL2 | 0.458 | 0.008 | 0.002-0.004 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1-FL2 | DCGT11T304-FL2 | 0.458 | 0.016 | 0.002-0.006 | 0.008-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2-FL2 | DCGT11T308-FL2 | 0.458 | 0.032 | 0.003-0.008 | 0.012-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.2-FN2 | DCGT070201-FN2 | 0.305 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.5-FN2 | DCGT070202-FN2 | 0.305 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1-FN2 | DCGT070204-FN2 | 0.305 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.2-FN2 | DCGT11T301-FN2 | 0.458 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5-FN2 | DCGT11T302-FN2 | 0.458 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1-FN2 | DCGT11T304-FN2 | 0.458 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2-FN2 | DCGT11T308-FN2 | 0.458 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.2-FM2 | DCGT070201-FM2 | 0.305 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.5-FM2 | DCGT070202-FM2 | 0.305 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1-FM2 | DCGT070204-FM2 | 0.305 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.2-FM2 | DCGT11T301-FM2 | 0.458 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5-FM2 | DCGT11T302-FM2 | 0.458 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1-FM2 | DCGT11T304-FM2 | 0.458 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2-FM2 | DCGT11T308-FM2 | 0.458 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.5M-FP2 | DCGT070202M-FP2 | 0.305 | 0.007 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1M-FP2 | DCGT070204M-FP2 | 0.305 | 0.015 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT32.5X20M-FP2 | DCGT11T3005M-FP2 | 0.458 | 0.001 | 0.0004-0.002 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.2M-FP2 | DCGT11T301M-FP2 | 0.458 | 0.003 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5M-FP2 | DCGT11T302M-FP2 | 0.458 | 0.007 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1M-FP2 | DCGT11T304M-FP2 | 0.458 | 0.015 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2M-FP2 | DCGT11T308M-FP2 | 0.458 | 0.03 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.5MR-FX4 | DCGT070202MR-FX4 | 0.305 | 0.007 | 0.001-0.004 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1MR-FX4 | DCGT070204MR-FX4 | 0.305 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5MR-FX4 | DCGT11T302MR-FX4 | 0.458 | 0.007 | 0.001-0.004 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1MR-FX4 | DCGT11T304MR-FX4 | 0.458 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2MR-FX4 | DCGT11T308MR-FX4 | 0.458 | 0.03 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.5ML-FX4 | DCGT070202ML-FX4 | 0.305 | 0.007 | 0.001-0.004 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1ML-FX4 | DCGT070204ML-FX4 | 0.305 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5ML-FX4 | DCGT11T302ML-FX4 | 0.458 | 0.007 | 0.001-0.004 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1ML-FX4 | DCGT11T304ML-FX4 | 0.458 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2ML-FX4 | DCGT11T308ML-FX4 | 0.458 | 0.03 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

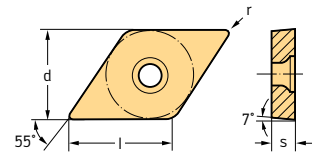
HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Turning Insert – Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | M | | | | | K | | | N | | S | | | |
|------------------|-------------------|----------------|---------|-------------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S |
| | DCMT2(1.5)0.5-FM4 | DCMT070202-FM4 | 0.305 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ | ☺ | |
| | DCMT2(1.5)1-FM4 | DCMT070204-FM4 | 0.305 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | ☺ | |
| | DCMT2(1.5)2-FM4 | DCMT070208-FM4 | 0.305 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | ☺ | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | ☺ | |
| | DCMT3(2.5)0.5-FM4 | DCMT11T302-FM4 | 0.458 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | ☺ | |
| | DCMT3(2.5)1-FM4 | DCMT11T304-FM4 | 0.458 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | ☺ | |
| | DCMT3(2.5)2-FM4 | DCMT11T308-FM4 | 0.458 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | ☺ | ☺ | ☺ | ☺ | |
| | DCMT2(1.5)0.5-FP4 | DCMT070202-FP4 | 0.305 | 0.008 | 0.002-0.005 | 0.004-0.039 | ☺ | ☺ | ☺ | | | | | | | | | | | | ☺ | | | | |
| | DCMT2(1.5)1-FP4 | DCMT070204-FP4 | 0.305 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | ☺ | | | | | | | | ☺ | | | | |
| | DCMT2(1.5)2-FP4 | DCMT070208-FP4 | 0.305 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)0.5-FP4 | DCMT11T302-FP4 | 0.458 | 0.008 | 0.002-0.005 | 0.004-0.039 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-FP4 | DCMT11T304-FP4 | 0.458 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-FP4 | DCMT11T308-FP4 | 0.458 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-FM6 | DCMT070204-FM6 | 0.305 | 0.016 | 0.003-0.010 | 0.012-0.063 | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-FM6 | DCMT11T304-FM6 | 0.458 | 0.016 | 0.003-0.010 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-FM6 | DCMT11T308-FM6 | 0.458 | 0.032 | 0.005-0.013 | 0.024-0.079 | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-FP6 | DCMT070204-FP6 | 0.305 | 0.016 | 0.002-0.007 | 0.012-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-FP6 | DCMT11T304-FP6 | 0.458 | 0.016 | 0.003-0.008 | 0.012-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-FP6 | DCMT11T308-FP6 | 0.458 | 0.032 | 0.004-0.010 | 0.020-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-FK6 | DCMT070204-FK6 | 0.305 | 0.016 | 0.002-0.007 | 0.012-0.079 | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | DCMT3(2.5)1-FK6 | DCMT11T304-FK6 | 0.458 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | DCMT3(2.5)2-FK6 | DCMT11T308-FK6 | 0.458 | 0.032 | 0.004-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | ☺ | ☺ | | | |
| | DCMT3(2.5)1-MW4 | DCMT11T304-MW4 | 0.458 | 0.016 | 0.005-0.016 | 0.020-0.157 | ☺ | ☺ | | | | | | | | | | | | | ☺ | ☺ | | | |
| | DCMT3(2.5)2-MW4 | DCMT11T308-MW4 | 0.458 | 0.032 | 0.006-0.020 | 0.020-0.157 | ☺ | ☺ | | | | | | | | | | | | | ☺ | ☺ | | | |
| | DCGT2(1.5)0.2-MN2 | DCGT070201-MN2 | 0.305 | 0.004 | 0.001-0.002 | 0.020-0.059 | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)0.5-MN2 | DCGT070202-MN2 | 0.305 | 0.008 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1-MN2 | DCGT070204-MN2 | 0.305 | 0.016 | 0.003-0.01 | 0.024-0.098 | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.2-MN2 | DCGT11T301-MN2 | 0.458 | 0.004 | 0.001-0.002 | 0.020-0.059 | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)0.5-MN2 | DCGT11T302-MN2 | 0.458 | 0.008 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1-MN2 | DCGT11T304-MN2 | 0.458 | 0.016 | 0.003-0.010 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | |
| DCGT3(2.5)2-MN2 | DCGT11T308-MN2 | 0.458 | 0.032 | 0.004-0.012 | 0.031-0.138 | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-MM4 | DCMT070204-MM4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | ☺ | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | DCMT2(1.5)2-MM4 | DCMT070208-MM4 | 0.305 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | ☺ | | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | DCMT3(2.5)0.5-MM4 | DCMT11T302-MM4 | 0.458 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | DCMT3(2.5)1-MM4 | DCMT11T304-MM4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | DCMT3(2.5)2-MM4 | DCMT11T308-MM4 | 0.458 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | DCMT3(2.5)3-MM4 | DCMT11T312-MM4 | 0.458 | 0.047 | 0.006-0.014 | 0.020-0.118 | | | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ | | |
| | DCGT2(1.5)1-MM4 | DCGT070204-MM4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | ☺ | | | | | | | | ☺ | | | | |
| | DCGT3(2.5)0.5-MM4 | DCGT11T302-MM4 | 0.458 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | ☺ | | | | | | | | ☺ | | | | |
| | DCGT3(2.5)1-MM4 | DCGT11T304-MM4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ | | | |
| | DCGT3(2.5)2-MM4 | DCGT11T308-MM4 | 0.458 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT

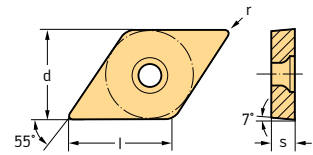
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert – Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | | M | | | | | K | | | N | | S | | | | | | |
|------------------|-----------------|----------------|---------|-------------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|--|--|
| | | | | | | HC | | | | | | HE | | | | | HC | | | | | HC | | HW | | HC | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | | |
| | DCMT2(1.5)1-MP4 | DCMT070204-MP4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)2-MP4 | DCMT070208-MP4 | 0.305 | 0.032 | 0.005-0.010 | 0.020-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-MP4 | DCMT11T304-MP4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-MP4 | DCMT11T308-MP4 | 0.458 | 0.032 | 0.005-0.013 | 0.020-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)3-MP4 | DCMT11T312-MP4 | 0.458 | 0.047 | 0.006-0.014 | 0.020-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCGT2(1.5)1-MP4 | DCGT070204-MP4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)1-MP4 | DCGT11T304-MP4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCGT3(2.5)2-MP4 | DCGT11T308-MP4 | 0.458 | 0.032 | 0.005-0.013 | 0.02-0.118 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-MP6 | DCMT11T304-MP6 | 0.458 | 0.016 | 0.004-0.010 | 0.016-0.138 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-MP6 | DCMT11T308-MP6 | 0.458 | 0.032 | 0.006-0.013 | 0.024-0.138 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| | DCMT431-MP6 | DCMT150404-MP6 | 0.610 | 0.016 | 0.004-0.010 | 0.016-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| DCMT432-MP6 | DCMT150408-MP6 | 0.610 | 0.032 | 0.005-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-MK4 | DCMT070204-MK4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)2-MK4 | DCMT070208-MK4 | 0.305 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-MK4 | DCMT11T304-MK4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-MK4 | DCMT11T308-MK4 | 0.458 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)3-MK4 | DCMT11T312-MK4 | 0.458 | 0.047 | 0.006-0.014 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-RM4 | DCMT070204-RM4 | 0.305 | 0.016 | 0.005-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)2-RM4 | DCMT070208-RM4 | 0.305 | 0.032 | 0.006-0.012 | 0.024-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-RM4 | DCMT11T304-RM4 | 0.458 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-RM4 | DCMT11T308-RM4 | 0.458 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)3-RM4 | DCMT11T312-RM4 | 0.458 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-RP4 | DCMT070204-RP4 | 0.305 | 0.016 | 0.005-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)2-RP4 | DCMT070208-RP4 | 0.305 | 0.032 | 0.006-0.012 | 0.024-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-RP4 | DCMT11T304-RP4 | 0.458 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-RP4 | DCMT11T308-RP4 | 0.458 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)3-RP4 | DCMT11T312-RP4 | 0.458 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT2(1.5)1-RK4 | DCMT070204-RK4 | 0.305 | 0.016 | 0.005-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)1-RK4 | DCMT11T304-RK4 | 0.458 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)2-RK4 | DCMT11T308-RK4 | 0.458 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMT3(2.5)3-RK4 | DCMT11T312-RK4 | 0.458 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMW3(2.5)1-RK6 | DCMW11T304-RK6 | 0.458 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | |
| | DCMW3(2.5)2-RK6 | DCMW11T308-RK6 | 0.458 | 0.032 | 0.006-0.014 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | | | | |

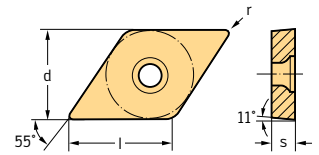
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive rhombic 55°

DPMT / DPGT / DPMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | M | | | K | | S | | |
|------------------|-----------------|----------------|---------|---------|----------------------|-------------|--------|--------|-------|--------|--------|--------|-------|--------|--|--|
| | | | | | | WPP10G | WPP20G | WMP20S | WSM01 | WMP20S | WSM20S | WKK20S | WSM01 | WSM20S | | |
| | DPMT2(1.5)1-FM4 | DPMT070204-FM4 | 0.305 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | |
| | DPMT3(2.5)1-FM4 | DPMT11T304-FM4 | 0.458 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | |
| | DPMT3(2.5)2-FM4 | DPMT11T308-FM4 | 0.458 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | |
| | DPMT2(1.5)1-FP4 | DPMT070204-FP4 | 0.305 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | |
| | DPMT3(2.5)1-FP4 | DPMT11T304-FP4 | 0.458 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | |
| | DPMT3(2.5)2-FP4 | DPMT11T308-FP4 | 0.458 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | |
| | DPMT2(1.5)1-MM4 | DPMT070204-MM4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | |
| | DPMT3(2.5)1-MM4 | DPMT11T304-MM4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | |
| | DPGT3(2.5)1-MM4 | DPGT11T304-MM4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | |
| | DPGT3(2.5)2-MM4 | DPGT11T308-MM4 | 0.458 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | |
| | DPMT2(1.5)1-MP4 | DPMT070204-MP4 | 0.305 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | |
| | DPMT3(2.5)1-MP4 | DPMT11T304-MP4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | |
| | DPMT3(2.5)2-MP4 | DPMT11T308-MP4 | 0.458 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | |
| | DPGT3(2.5)1-MP4 | DPGT11T304-MP4 | 0.458 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | |
| | DPMW3(2.5)2-RK6 | DPMW11T308-RK6 | 0.458 | 0.032 | 0.006-0.014 | 0.020-0.157 | | | | | | | | | | |

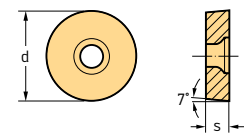
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WMP20S: DPMT070204-FM4 WMP20S

HC = Coated carbide

Turning Insert – Positive round

RCGT / RCMT / RCMX

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | d in | f in | a _p in | P | | | M | | | K | | N | | S | |
|------------------|----------------|----------------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| | | | | | WPP10G | WPP20G | WMP20S | WPP30G | WSM10S | WMP20S | WSM20S | WSM30S | WKK10S | WKK20S | WNN10 | WN10 |
| | RCGT0602M0-MN2 | 0.236 | 0.004-0.022 | 0.024-0.098 | | | | | | | | | | | | |
| | RCGT0803M0-MN2 | 0.315 | 0.005-0.024 | 0.028-0.118 | | | | | | | | | | | | |
| | RCGT10T3M0-MN2 | 0.394 | 0.006-0.028 | 0.031-0.157 | | | | | | | | | | | | |
| | RCGT43-MN2 | RCGT120400-MN2 | 0.500 | 0.007-0.031 | 0.039-0.197 | | | | | | | | | | | |
| | RCGT1204M0-MN2 | 0.472 | 0.007-0.031 | 0.039-0.197 | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WN10: RCGT0602M0-MN2 WN10

HC = Coated carbide
 HW = Uncoated carbide

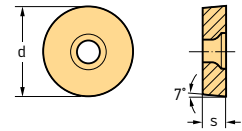
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert – Positive round

RCGT / RCMT / RCMX

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | d in | f in | a _p in | P | | | | M | | | | K | | N | | S | | |
|------------------|----------------|----------------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|--------|--------|--------|
| | | | | | HC | | | | HC | | | | HC | | HC HW | | HC | | |
| | | | | | WPP10G | WPP20G | WMP20S | WPP30G | WSM10S | WMP20S | WSM20S | WSM30S | WKK10S | WKK20S | WN10 | WN10 | WSM10S | WSM20S | WSM30S |
| | RCMT0602M0-FM4 | 0.236 | 0.003-0.012 | 0.024-0.098 | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ | ☺ |
| | RCMT0803M0-FM4 | 0.315 | 0.003-0.012 | 0.031-0.118 | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ |
| | RCMT10T3M0-FM4 | 0.394 | 0.004-0.014 | 0.039-0.157 | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ |
| | RCMT1204M0-FM4 | 0.472 | 0.005-0.016 | 0.047-0.197 | | | | | ☺ | ☺ | ☺ | | | | | | ☺ | ☺ | ☺ |
| | RCMT0602M0-FP4 | 0.236 | 0.003-0.012 | 0.024-0.098 | ☺ | ☺ | | | | | | | | | | | | | |
| | RCMT0803M0-FP4 | 0.315 | 0.003-0.012 | 0.031-0.118 | ☺ | ☺ | | | | | | | | | | | | | |
| | RCMT10T3M0-FP4 | 0.394 | 0.004-0.014 | 0.039-0.157 | ☺ | ☺ | | | | | | | | | | | | | |
| | RCMT1204M0-FP4 | 0.472 | 0.005-0.016 | 0.047-0.197 | ☺ | ☺ | | | | | | | | | | | | | |
| | RCMT0602M0-RM4 | 0.236 | 0.003-0.020 | 0.024-0.098 | | | | | | | ☺ | ☺ | | | | | | ☺ | ☺ |
| | RCMT060300-RM4 | 0.250 | 0.003-0.020 | 0.024-0.098 | | | | | | | ☺ | | | | | | | ☺ | ☺ |
| | RCMT0803M0-RM4 | 0.315 | 0.004-0.024 | 0.031-0.118 | | | ☺ | | | ☺ | ☺ | | | | | | | ☺ | ☺ |
| | RCMT3(2.5)-RM4 | RCMT09T300-RM4 | 0.375 | 0.004-0.024 | 0.031-0.118 | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ |
| | RCMT10T3M0-RM4 | 0.394 | 0.005-0.031 | 0.039-0.157 | | | | ☺ | | ☺ | ☺ | | | | | | | ☺ | ☺ |
| | RCMT43-RM4 | RCMT120400-RM4 | 0.500 | 0.005-0.039 | 0.047-0.197 | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ |
| | RCMT1204M0-RM4 | 0.472 | 0.005-0.039 | 0.047-0.197 | | | | ☺ | | ☺ | ☺ | | | | | | | ☺ | ☺ |
| | RCMT1606M0-RM4 | 0.630 | 0.006-0.047 | 0.063-0.276 | | | | | | ☺ | ☺ | | | | | | | ☺ | ☺ |
| | RCMT0602M0-RP4 | 0.236 | 0.003-0.020 | 0.024-0.098 | | ☺ | | ☺ | | | | | | | | | | | |
| | RCMT060300-RP4 | 0.250 | 0.003-0.020 | 0.024-0.098 | | ☺ | | ☺ | | | | | | | | | | | |
| | RCMT0803M0-RP4 | 0.315 | 0.004-0.024 | 0.031-0.118 | | ☺ | ☺ | ☺ | | | | | | | | | | | |
| | RCMT3(2.5)-RP4 | RCMT09T300-RP4 | 0.375 | 0.004-0.024 | 0.031-0.118 | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | RCMT10T3M0-RP4 | 0.394 | 0.005-0.031 | 0.039-0.157 | | ☺ | ☺ | ☺ | | | | | | | | | | | |
| | RCMT43-RP4 | RCMT120400-RP4 | 0.500 | 0.005-0.039 | 0.047-0.197 | | ☺ | ☺ | ☺ | | | | | | | | | | |
| | RCMT1204M0-RP4 | 0.472 | 0.005-0.039 | 0.047-0.197 | | ☺ | ☺ | ☺ | | | | | | | | | | | |
| | RCMT1605M0-RP4 | 0.630 | 0.006-0.047 | 0.063-0.276 | | ☺ | ☺ | ☺ | | | | | | | | | | | |
| RCMT1606M0-RP4 | 0.630 | 0.006-0.047 | 0.063-0.276 | | ☺ | ☺ | ☺ | | | | | | | | | | | | |
| | RCMT0602M0-RK4 | 0.236 | 0.003-0.020 | 0.024-0.098 | | | | | | | | | | ☺ | | | | | |
| | RCMT0803M0-RK4 | 0.315 | 0.004-0.024 | 0.031-0.118 | | | | | | | | | | ☺ | | | | | |
| | RCMT10T3M0-RK4 | 0.394 | 0.005-0.031 | 0.039-0.157 | | | | | | | | | | ☺ | | | | | |
| | RCMT1204M0-RK4 | 0.472 | 0.005-0.039 | 0.047-0.197 | | | | | | | | | | ☺ | | | | | |
| | RCMT1605M0-RK4 | 0.630 | 0.006-0.047 | 0.063-0.276 | | | | | | | | | | ☺ | | | | | |
| | RCMT1606M0-RK4 | 0.630 | 0.006-0.047 | 0.063-0.276 | | | | | | | | | | ☺ | | | | | |
| | RCMT10T3M0-HU6 | 0.394 | 0.005-0.031 | 0.039-0.157 | ☺ | ☺ | | ☺ | | | | | | | | | | | |
| | RCMT1204M0-HU6 | 0.472 | 0.005-0.047 | 0.047-0.197 | ☺ | ☺ | | ☺ | | | | | | | | | | | |
| | RCMT1606M0-HU6 | 0.630 | 0.006-0.047 | 0.063-0.276 | ☺ | ☺ | | ☺ | | | | | | | | | | | |
| | RCMX2006M0-HU6 | 0.787 | 0.010-0.055 | 0.079-0.354 | ☺ | ☺ | | ☺ | | | | | | | | | | | |
| | RCMX2507M0-HU6 | 0.984 | 0.012-0.063 | 0.098-0.433 | ☺ | ☺ | | ☺ | | | | | | | | | | | |
| | RCMX3209M0-HU6 | 1.260 | 0.012-0.067 | 0.126-0.591 | ☺ | ☺ | | ☺ | | | | | | | | | | | |

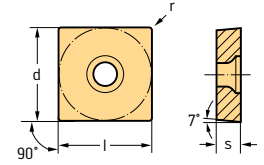
See the ISO 1832 designation key for dimensions
Ordering example for the grade WN10: RCGT0602M0-MN2 WN10

HC = Coated carbide
HW = Uncoated carbide

Turning Insert – Positive square

SCGT / SCMT / SCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | M | | | | | K | | | N | | S | | | | | | |
|------------------|-----------------|----------------|---------|-------------|-------------|-------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|--|--|
| | | | | | | HC | HE | HC | HC | HC | HC | HC | HC | HC | HW | HC | HC | HC | | | | | | | | | |
| | | | | | | WKPD1G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKPD1G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | | |
| | SCGT3(2.5)1-FM2 | SCGT09T304-FM2 | 0.375 | 0.016 | 0.003-0.01 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)2-FM2 | SCGT09T308-FM2 | 0.375 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT432-FM2 | SCGT120408-FM2 | 0.500 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)1-FN2 | SCGT09T304-FN2 | 0.375 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)2-FN2 | SCGT09T308-FN2 | 0.375 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT432-FN2 | SCGT120408-FN2 | 0.500 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT2(1.5)1-FM4 | SCMT060204-FM4 | 0.250 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-FM4 | SCMT09T304-FM4 | 0.375 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-FM4 | SCMT09T308-FM4 | 0.375 | 0.032 | 0.002-0.007 | 0.004-0.071 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT431-FM4 | SCMT120404-FM4 | 0.500 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| SCMT432-FM4 | SCMT120408-FM4 | 0.500 | 0.032 | 0.002-0.007 | 0.004-0.071 | | | | | | | | | | | | | | | | | | | | | | |
| | SCMT2(1.5)1-FP4 | SCMT060204-FP4 | 0.250 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-FP4 | SCMT09T304-FP4 | 0.375 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-FP4 | SCMT09T308-FP4 | 0.375 | 0.032 | 0.002-0.007 | 0.004-0.071 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT431-FP4 | SCMT120404-FP4 | 0.500 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT432-FP4 | SCMT120408-FP4 | 0.500 | 0.032 | 0.002-0.007 | 0.004-0.071 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT433-FP4 | SCMT120412-FP4 | 0.500 | 0.047 | 0.005-0.013 | 0.012-0.071 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-FM6 | SCMT09T304-FM6 | 0.375 | 0.016 | 0.003-0.010 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-FM6 | SCMT09T308-FM6 | 0.375 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT432-FM6 | SCMT120408-FM6 | 0.500 | 0.032 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-FP6 | SCMT09T304-FP6 | 0.375 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-FP6 | SCMT09T308-FP6 | 0.375 | 0.032 | 0.004-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT432-FP6 | SCMT120408-FP6 | 0.500 | 0.032 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-FK6 | SCMT09T304-FK6 | 0.375 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-FK6 | SCMT09T308-FK6 | 0.375 | 0.032 | 0.004-0.01 | 0.02-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT432-FK6 | SCMT120408-FK6 | 0.500 | 0.032 | 0.005-0.013 | 0.02-0.098 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)1-MN2 | SCGT09T304-MN2 | 0.375 | 0.016 | 0.003-0.010 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)2-MN2 | SCGT09T308-MN2 | 0.375 | 0.032 | 0.004-0.014 | 0.028-0.157 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT432-MN2 | SCGT120408-MN2 | 0.500 | 0.032 | 0.004-0.016 | 0.031-0.236 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-MM4 | SCMT09T304-MM4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-MM4 | SCMT09T308-MM4 | 0.375 | 0.032 | 0.005-0.013 | 0.02-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT432-MM4 | SCMT120408-MM4 | 0.500 | 0.032 | 0.005-0.013 | 0.02-0.138 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)1-MM4 | SCGT09T304-MM4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT3(2.5)2-MM4 | SCGT09T308-MM4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCGT432-MM4 | SCGT120408-MM4 | 0.500 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)1-MP4 | SCMT09T304-MP4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT3(2.5)2-MP4 | SCMT09T308-MP4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | SCMT432-MP4 | SCMT120408-MP4 | 0.500 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WSM20S: SCGT09T304-FM2 WSM20S

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT

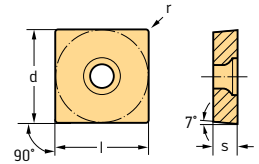
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert – Positive square

SCGT / SCMT / SCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | P | | | | | M | | | | | K | | | N | | S | | | | | | |
|------------------|----------------|---------|---------|-------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|------|-------|--------|--------|--------|--|--|
| | | | | | | HC | | | | | HE | | | | | HC | | | | | HC | | HW | | HC | | |
| | | | | | | WKPO1G | WPP10G | WPP20G | WMP20S | WPP30G | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKPO1G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM30S | | |
| SCGT3(2.5)1-MP4 | SCGT09T304-MP4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| SCGT3(2.5)2-MP4 | SCGT09T308-MP4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| SCGT432-MP4 | SCGT120408-MP4 | 0.500 | 0.032 | 0.005-0.013 | 0.020-0.138 | | ☺ | | | | | | | | | | | | | | | | | | | | |
| SCMT3(2.5)1-MK4 | SCMT09T304-MK4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMT3(2.5)2-MK4 | SCMT09T308-MK4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMT432-MK4 | SCMT120408-MK4 | 0.500 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCGT3(2.5)2-MK4 | SCGT09T308-MK4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | ☺ | | | | | | | | | | |
| SCMT3(2.5)1-RM4 | SCMT09T304-RM4 | 0.375 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | ☺ | ☺ | ☺ | | |
| SCMT3(2.5)2-RM4 | SCMT09T308-RM4 | 0.375 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | | |
| SCMT431-RM4 | SCMT120404-RM4 | 0.500 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | | |
| SCMT432-RM4 | SCMT120408-RM4 | 0.500 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | | |
| SCMT433-RM4 | SCMT120412-RM4 | 0.500 | 0.047 | 0.008-0.020 | 0.031-0.197 | | | | ☺ | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ | | |
| SCMT3(2.5)1-RP4 | SCMT09T304-RP4 | 0.375 | 0.016 | 0.005-0.010 | 0.016-0.118 | | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | | |
| SCMT3(2.5)2-RP4 | SCMT09T308-RP4 | 0.375 | 0.032 | 0.006-0.014 | 0.024-0.157 | | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | | |
| SCMT3(2.5)3-RP4 | SCMT09T312-RP4 | 0.375 | 0.047 | 0.008-0.018 | 0.031-0.197 | | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | | |
| SCMT431-RP4 | SCMT120404-RP4 | 0.500 | 0.016 | 0.005-0.010 | 0.016-0.118 | | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | | |
| SCMT432-RP4 | SCMT120408-RP4 | 0.500 | 0.032 | 0.006-0.016 | 0.024-0.197 | | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | | |
| SCMT433-RP4 | SCMT120412-RP4 | 0.500 | 0.047 | 0.008-0.020 | 0.031-0.197 | | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | | | |
| SCMT3(2.5)1-RK4 | SCMT09T304-RK4 | 0.375 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMT3(2.5)2-RK4 | SCMT09T308-RK4 | 0.375 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMT431-RK4 | SCMT120404-RK4 | 0.500 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMT432-RK4 | SCMT120408-RK4 | 0.500 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMT433-RK4 | SCMT120412-RK4 | 0.500 | 0.047 | 0.008-0.020 | 0.031-0.197 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMW3(2.5)1-RK6 | SCMW09T304-RK6 | 0.375 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMW3(2.5)2-RK6 | SCMW09T308-RK6 | 0.375 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMW431-RK6 | SCMW120404-RK6 | 0.500 | 0.016 | 0.005-0.010 | 0.016-0.157 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMW432-RK6 | SCMW120408-RK6 | 0.500 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |
| SCMW433-RK6 | SCMW120412-RK6 | 0.500 | 0.047 | 0.008-0.020 | 0.031-0.197 | | | | | | | | | | | | ☺ | ☺ | | | | | | | | | |

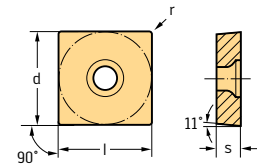
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WSM20S: SCGT09T304-FM2 WSM20S

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive square

SPMT / SPGT / SPMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | M | K | S | |
|------------------|-----------------|----------------|---------|-------------|----------------------|-------------|-------|--------|--------|--------|
| | | | | | | HC | HC | HC | HC | |
| | | | | | | WPP20G | WSM01 | WSM20S | WKK20S | WSM20S |
| SPMT3(2.5)1-MM4 | SPMT09T304-MM4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | ☺ | ☺ | |
| | SPMT3(2.5)2-MM4 | SPMT09T308-MM4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | ☺ | ☺ | |
| SPGT3(2.5)1-MM4 | SPGT09T304-MM4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | ☺ | ☺ | |
| | SPGT3(2.5)2-MM4 | SPGT09T308-MM4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | ☺ | ☺ | |
| SPMT3(2.5)1-MP4 | SPMT09T304-MP4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | ☺ | | | | |
| | SPMT3(2.5)2-MP4 | SPMT09T308-MP4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | ☺ | | | |
| SPMT3(2.5)1-MK4 | SPMT09T304-MK4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | ☺ | |
| | SPMT3(2.5)2-MK4 | SPMT09T308-MK4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | ☺ | |
| SPGT3(2.5)1-MK4 | SPGT09T304-MK4 | 0.375 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | ☺ | |
| | SPGT3(2.5)2-MK4 | SPGT09T308-MK4 | 0.375 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | ☺ | |
| SPMW3(2.5)2-RK6 | SPMW09T308-RK6 | 0.375 | 0.032 | 0.006-0.014 | 0.024-0.157 | | ☺ | | ☺ | |
| | SPMW432-RK6 | SPMW120408-RK6 | 0.500 | 0.032 | 0.006-0.016 | 0.024-0.197 | | | ☺ | |

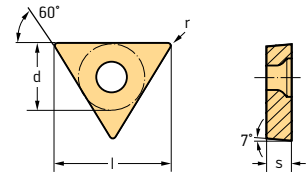
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WSM20S: SPMT09T304-MM4 WSM20S

HC = Coated carbide

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | | | |
|---------------------|---------------------|------------------|---------|-------------|----------------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|------|-------|--------|--------|
| | | | | | | HC | | | HE | | | HC | | | | | HC | | | HC | HW | HC | | | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM21 | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S |
| TCMT1.8(1.5)0.5-FW4 | TCMT090202-FW4 | 0.379 | 0.008 | 0.001-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-FW4 | TCMT090204-FW4 | 0.379 | 0.016 | 0.002-0.012 | 0.008-0.079 | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-FW4 | TCMT110204-FW4 | 0.433 | 0.016 | 0.003-0.012 | 0.008-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-FW4 | TCMT110208-FW4 | 0.433 | 0.032 | 0.005-0.016 | 0.012-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-FW4 | TCMT16T304-FW4 | 0.650 | 0.016 | 0.003-0.014 | 0.008-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-FW4 | TCMT16T308-FW4 | 0.650 | 0.032 | 0.005-0.02 | 0.012-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | | |
| TCGT1.2(1.2)0.2-FN2 | TCGT06T101-FN2 | 0.271 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.2(1.2)0.5-FN2 | TCGT06T102-FN2 | 0.271 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.2(1.2)1-FN2 | TCGT06T104-FN2 | 0.271 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)0.5-FN2 | TCGT090202-FN2 | 0.379 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1-FN2 | TCGT090204-FN2 | 0.379 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)0.5-FN2 | TCGT110202-FN2 | 0.433 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)1-FN2 | TCGT110204-FN2 | 0.433 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)1-FN2 | TCGT16T304-FN2 | 0.650 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)2-FN2 | TCGT16T308-FN2 | 0.650 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | |
| TCGT1.2(1.2)0.2-FM2 | TCGT06T101-FM2 | 0.271 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.2(1.2)0.5-FM2 | TCGT06T102-FM2 | 0.271 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.2(1.2)1-FM2 | TCGT06T104-FM2 | 0.271 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)0.5-FM2 | TCGT090202-FM2 | 0.379 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1-FM2 | TCGT090204-FM2 | 0.379 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)0.2-FM2 | TCGT110201-FM2 | 0.433 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)0.5-FM2 | TCGT110202-FM2 | 0.433 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)1-FM2 | TCGT110204-FM2 | 0.433 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)0.5-FM2 | TCGT16T302-FM2 | 0.650 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)1-FM2 | TCGT16T304-FM2 | 0.650 | 0.016 | 0.003-0.01 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| TCGT3(2.5)2-FM2 | TCGT16T308-FM2 | 0.650 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.2(1.2)1M-FP2 | TCGT06T104M-FP2 | 0.271 | 0.015 | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1M-FP2 | TCGT090204M-FP2 | 0.379 | 0.015 | 0.003-0.01 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)0.5M-FP2 | TCGT110202M-FP2 | 0.433 | 0.007 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | | | |
| TCGT2(1.5)1M-FP2 | TCGT110204M-FP2 | 0.433 | 0.015 | 0.003-0.01 | 0.008-0.098 | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1MR-FX4 | TCGT090204MR-FX4 | 0.379 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | |
| TCGT2(1.5)1MR-FX4 | TCGT110204MR-FX4 | 0.433 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1ML-FX4 | TCGT090204ML-FX4 | 0.379 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | |
| TCGT2(1.5)1ML-FX4 | TCGT110204ML-FX4 | 0.433 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

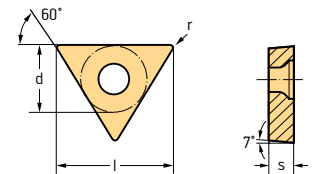
HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | | | | | | | |
|---------------------|---------------------|---------------------|----------------|-------------|----------------------|-------------|-------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|------|-------|--------|--------|-------|--------|--|--|
| | | | | | | HC | | | HE | | | HC | | | | | HC | | | HC HW | | HC | | | | | | | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM21 | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM21 | WSM30S | | |
| | TCMT1.2(1.2)0.5-FM4 | TCMT06T102-FM4 | 0.271 | 0.008 | 0.001-0.004 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.2(1.2)01-FM4 | TCMT06T104-FM4 | 0.271 | 0.016 | 0.002-0.007 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)0.5-FM4 | TCMT090202-FM4 | 0.379 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-FM4 | TCMT090204-FM4 | 0.379 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-FM4 | TCMT090208-FM4 | 0.379 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)0.5-FM4 | TCMT110202-FM4 | 0.433 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-FM4 | TCMT110204-FM4 | 0.433 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-FM4 | TCMT110208-FM4 | 0.433 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)0.5-FM4 | TCMT16T302-FM4 | 0.650 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-FM4 | TCMT16T304-FM4 | 0.650 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-FM4 | TCMT16T308-FM4 | 0.650 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TCMT1.2(1.2)0.5-FP4 | TCMT06T102-FP4 | 0.271 | 0.008 | 0.001-0.004 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT1.2(1.2)01-FP4 | | TCMT06T104-FP4 | 0.271 | 0.016 | 0.002-0.007 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT1.8(1.5)0.5-FP4 | | TCMT090202-FP4 | 0.379 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT1.8(1.5)1-FP4 | | TCMT090204-FP4 | 0.379 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT1.8(1.5)2-FP4 | | TCMT090208-FP4 | 0.379 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT2(1.5)0.5-FP4 | | TCMT110202-FP4 | 0.433 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT2(1.5)1-FP4 | | TCMT110204-FP4 | 0.433 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT2(1.5)2-FP4 | | TCMT110208-FP4 | 0.433 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT3(2.5)0.5-FP4 | | TCMT16T302-FP4 | 0.650 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT3(2.5)1-FP4 | | TCMT16T304-FP4 | 0.650 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| TCMT3(2.5)2-FP4 | TCMT16T308-FP4 | 0.650 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-FM6 | TCMT110204-FM6 | 0.433 | 0.016 | 0.003-0.010 | 0.012-0.063 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-FM6 | TCMT110208-FM6 | 0.433 | 0.032 | 0.005-0.012 | 0.02-0.063 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-FM6 | TCMT16T304-FM6 | 0.650 | 0.016 | 0.003-0.010 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-FM6 | TCMT16T308-FM6 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-FP6 | TCMT110204-FP6 | 0.433 | 0.016 | 0.002-0.007 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-FP6 | TCMT110208-FP6 | 0.433 | 0.032 | 0.004-0.008 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-FP6 | TCMT16T304-FP6 | 0.650 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-FP6 | TCMT16T308-FP6 | 0.650 | 0.032 | 0.004-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-FK6 | TCMT110204-FK6 | 0.433 | 0.016 | 0.002-0.007 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-FK6 | TCMT110208-FK6 | 0.433 | 0.032 | 0.004-0.008 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-FK6 | TCMT16T304-FK6 | 0.650 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-FK6 | TCMT16T308-FK6 | 0.650 | 0.032 | 0.004-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-MW4 | TCMT16T304-MW4 | 0.650 | 0.016 | 0.005-0.016 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-MW4 | TCMT16T308-MW4 | 0.650 | 0.032 | 0.006-0.020 | 0.020-0.157 | | | | | | | | | | | | | | | | | | | | | | | | |

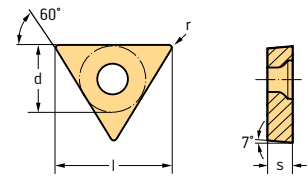
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | | | | | | |
|------------------|-------------------|---------|---------|-------------|----------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|------|-------|--------|--------|-------|--------|--|
| | | | | | | HC | | | | | | HE | | | | | HC | | | | | HC | | | HW | | HC | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM21 | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM21 | WSM30S | |
| | TCGT2(1.5)0.2-MN2 | 0.433 | 0.004 | 0.001-0.002 | 0.020-0.059 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)0.5-MN2 | 0.433 | 0.008 | 0.002-0.005 | 0.024-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)1-MN2 | 0.433 | 0.016 | 0.003-0.010 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)0.5-MN2 | 0.650 | 0.008 | 0.002-0.005 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)1-MN2 | 0.650 | 0.016 | 0.003-0.010 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)2-MN2 | 0.650 | 0.032 | 0.004-0.014 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-MM4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-MM4 | 0.379 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-MM4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-MM4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-MM4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-MM4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1-MM4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)1-MM4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)2-MM4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)2-MM4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-MP4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-MP4 | 0.379 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-MP4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-MP4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-MP4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-MP4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT432-MP4 | 0.866 | 0.032 | 0.005-0.013 | 0.020-0.138 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT1.8(1.5)1-MP4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)1-MP4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)2-MP4 | 0.433 | 0.032 | 0.005-0.012 | 0.02-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-MP6 | 0.433 | 0.016 | 0.004-0.008 | 0.016-0.098 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT221-MP6 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-MP6 | 0.650 | 0.016 | 0.004-0.010 | 0.016-0.138 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-MP6 | 0.650 | 0.032 | 0.006-0.013 | 0.024-0.138 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-MK4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-MK4 | 0.379 | 0.032 | 0.005-0.010 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-MK4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-MK4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-MK4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-MK4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT2(1.5)1-MK4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCGT3(2.5)2-MK4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | | | | | | | | | | | | | | | | | | |

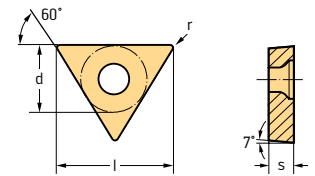
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | | | | | | | | |
|------------------|-------------------|----------------|---------|---------|----------------------|-------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|--------|--------|-------|------|-------|--------|--------|-------|--------|--|--|--|
| | | | | | | HC | | | | | | HE | | | | | HC | | | | | HC | | | HW | | HC | | | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM21 | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WN10 | WSM01 | WSM10S | WSM20S | WSM21 | WSM30S | | | |
| | TCMT1.8(1.5)1-RM4 | TCMT090204-RM4 | 0.379 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-RM4 | TCMT090208-RM4 | 0.379 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-RM4 | TCMT110204-RM4 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-RM4 | TCMT110208-RM4 | 0.433 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-RM4 | TCMT16T304-RM4 | 0.650 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-RM4 | TCMT16T308-RM4 | 0.650 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)3-RM4 | TCMT16T312-RM4 | 0.650 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-RP4 | TCMT090204-RP4 | 0.379 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-RP4 | TCMT090208-RP4 | 0.379 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-RP4 | TCMT110204-RP4 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-RP4 | TCMT110208-RP4 | 0.433 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-RP4 | TCMT16T304-RP4 | 0.650 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-RP4 | TCMT16T308-RP4 | 0.650 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)3-RP4 | TCMT16T312-RP4 | 0.650 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)1-RK4 | TCMT090204-RK4 | 0.379 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT1.8(1.5)2-RK4 | TCMT090208-RK4 | 0.379 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)1-RK4 | TCMT110204-RK4 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT2(1.5)2-RK4 | TCMT110208-RK4 | 0.433 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)1-RK4 | TCMT16T304-RK4 | 0.650 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)2-RK4 | TCMT16T308-RK4 | 0.650 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMT3(2.5)3-RK4 | TCMT16T312-RK4 | 0.650 | 0.047 | 0.008-0.016 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMW2(1.5)1-RK6 | TCMW110204-RK6 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMW2(1.5)2-RK6 | TCMW110208-RK6 | 0.433 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMW3(2.5)1-RK6 | TCMW16T304-RK6 | 0.650 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TCMW3(2.5)2-RK6 | TCMW16T308-RK6 | 0.650 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | | | | | | | | | | | | | | | | | | | |

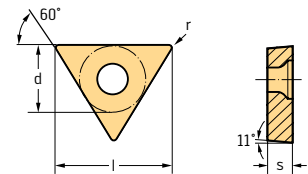
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive triangular 60°

TPMT / TPGT / TPMW / TPMR / TPGN

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | M | | K | | S | |
|------------------|-------------------|----------------|---------|---------|----------------------|-------------|--------|--------|-------|--------|--------|--------|-------|
| | | | | | | HC | | HC | | HC | | HC | |
| | | | | | | WPP10G | WPP20G | WMP20S | WSM01 | WMP20S | WSM20S | WKK20S | WSM01 |
| | TPMT2(1.5)1-FM4 | TPMT110204-FM4 | 0.433 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | |
| | TPMT3(2.5)1-FM4 | TPMT16T304-FM4 | 0.650 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | |
| | TPMT2(1.5)1-FP4 | TPMT110204-FP4 | 0.433 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | |
| | TPMT3(2.5)1-FP4 | TPMT16T304-FP4 | 0.650 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | |
| | TPMT1.8(1.5)1-MM4 | TPMT090204-MM4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPMT2(1.5)1-MM4 | TPMT110204-MM4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPMT3(2.5)1-MM4 | TPMT16T304-MM4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | |
| | TPMT3(2.5)2-MM4 | TPMT16T308-MM4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | |
| | TPGT1.8(1.5)1-MM4 | TPGT090204-MM4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPGT2(1.5)1-MM4 | TPGT110204-MM4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPGT 2(1.5)2-MM4 | TPGT110208-MM4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | |
| | TPGT3(2.5)1-MM4 | TPGT16T304-MM4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | |
| | TPGT3(2.5)2-MM4 | TPGT16T308-MM4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | |
| | TPMT1.8(1.5)1-MP4 | TPMT090204-MP4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPMT2(1.5)1-MP4 | TPMT110204-MP4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPMT2(1.5)2-MP4 | TPMT110208-MP4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | |
| | TPMT3(2.5)1-MP4 | TPMT16T304-MP4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | |
| | TPMT3(2.5)2-MP4 | TPMT16T308-MP4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | |
| | TPGT1.8(1.5)1-MP4 | TPGT090204-MP4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPGT2(1.5)1-MP4 | TPGT110204-MP4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPGT3(2.5)1-MP4 | TPGT16T304-MP4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | |
| | TPGT3(2.5)2-MP4 | TPGT16T308-MP4 | 0.650 | 0.032 | 0.005-0.013 | 0.020-0.118 | | | | | | | |
| | TPMT1.8(1.5)1-MK4 | TPMT090204-MK4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPMT1.8(1.5)2-MK4 | TPMT090208-MK4 | 0.379 | 0.032 | 0.005-0.008 | 0.020-0.079 | | | | | | | |
| | TPMT2(1.5)1-MK4 | TPMT110204-MK4 | 0.433 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPMT3(2.5)1-MK4 | TPMT16T304-MK4 | 0.650 | 0.016 | 0.003-0.010 | 0.016-0.118 | | | | | | | |
| | TPMT3(2.5)2-MK4 | TPMT16T308-MK4 | 0.650 | 0.032 | 0.005-0.013 | 0.02-0.118 | | | | | | | |
| | TPGT1.8(1.5)1-MK4 | TPGT090204-MK4 | 0.379 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | |
| | TPGT2(1.5)2-MK4 | TPGT110208-MK4 | 0.433 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | |
| | TPMW2(1.5)1-RK6 | TPMW110204-RK6 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | |
| | TPMW3(2.5)1-RK6 | TPMW16T304-RK6 | 0.650 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | |
| | TPMW3(2.5)2-RK6 | TPMW16T308-RK6 | 0.650 | 0.032 | 0.006-0.014 | 0.024-0.157 | | | | | | | |
| | TPMR221 | TPMR110304 | 0.433 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | |
| | TPMR222 | TPMR110308 | 0.433 | 0.032 | 0.005-0.010 | 0.016-0.118 | | | | | | | |
| | TPMR321 | TPMR160304 | 0.650 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | | |
| | TPMR322 | TPMR160308 | 0.650 | 0.032 | 0.006-0.012 | 0.024-0.157 | | | | | | | |
| | TPGN222 | TPGN110308 | 0.433 | 0.032 | 0.005-0.008 | 0.031-0.079 | | | | | | | |
| | TPGN321 | TPGN160304 | 0.650 | 0.016 | 0.004-0.010 | 0.016-0.118 | | | | | | | |
| | TPGN322 | TPGN160308 | 0.650 | 0.032 | 0.005-0.012 | 0.031-0.118 | | | | | | | |

See the ISO 1832 designation key for dimensions

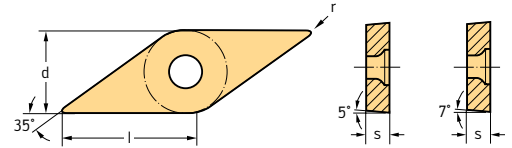
HC = Coated carbide

Ordering example for the grade WMP20S: TPMT110204-FM4 WMP20S

Turning Insert – Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT / VCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | K | | N | | S | | | |
|------------------|-------------------|---------|---------|--------------|----------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WNI10 | WSM01 |
| | VBGT2(2)0.5-FL2 | 0.436 | 0.008 | 0.002-0.004 | 0.004-0.039 | | ☺ | | | | | | | | | | | | | | | | |
| | VBGT221-FL2 | 0.436 | 0.016 | 0.002-0.006 | 0.008-0.059 | | ☺ | | | | | | | | | | | | | | | | |
| | VCGT2(2)0.2-FN2 | 0.436 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | ☺ | | | | | |
| | VCGT2(2)0.5-FN2 | 0.436 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | ☺ | ☺ | | | | |
| | VCGT221-FN2 | 0.436 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | ☺ | ☺ | | | | |
| | VCGT3(3)0.5-FN2 | 0.654 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | ☺ | ☺ | | | | |
| | VCGT331-FN2 | 0.654 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | ☺ | ☺ | | | | |
| | VCGT2(2)0.2-FM2 | 0.436 | 0.004 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT2(2)0.5-FM2 | 0.436 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT221-FM2 | 0.436 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT3(3)0.5-FM2 | 0.654 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT331-FM2 | 0.654 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT2(2)0.1M-FP2 | 0.436 | 0.001 | 0.0004-0.002 | 0.004-0.039 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT2(2)0.2M-FP2 | 0.436 | 0.003 | 0.001-0.002 | 0.004-0.059 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT2(2)0.5M-FP2 | 0.436 | 0.007 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT221M-FP2 | 0.436 | 0.015 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT3(3)0.5M-FP2 | 0.654 | 0.007 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT332M-FP2 | 0.654 | 0.03 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT2(2)0.5MR-FX4 | 0.436 | 0.007 | 0.001-0.004 | 0.004-0.059 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT221MR-FX4 | 0.436 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT331MR-FX4 | 0.654 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT2(2)0.5ML-FX4 | 0.436 | 0.007 | 0.001-0.004 | 0.004-0.059 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT221ML-FX4 | 0.436 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCGT331ML-FX4 | 0.654 | 0.015 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VCMT2(2)0.5-FM4 | 0.436 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT221-FM4 | 0.436 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT3(3)0.5-FM4 | 0.654 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT331-FM4 | 0.654 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT332-FM4 | 0.654 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT2(2)0.5-FP4 | 0.436 | 0.008 | 0.002-0.005 | 0.004-0.039 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT221-FP4 | 0.436 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT3(3)0.5-FP4 | 0.654 | 0.008 | 0.002-0.005 | 0.004-0.039 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT331-FP4 | 0.654 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | ☺ |
| | VCMT332-FP4 | 0.654 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | ☺ | ☺ | | | | | | | | | | | | | | | ☺ |
| | VBMT221-FM6 | 0.436 | 0.016 | 0.003-0.008 | 0.012-0.063 | | | | | | | | | | | | | | | | | | ☺ |
| | VBMT222-FM6 | 0.436 | 0.032 | 0.005-0.012 | 0.020-0.063 | | | | | | | | | | | | | | | | | | ☺ |
| | VBMT331-FM6 | 0.654 | 0.016 | 0.003-0.008 | 0.012-0.079 | | | | | | | | | | | | | | | | | | ☺ |
| | VBMT332-FM6 | 0.654 | 0.032 | 0.005-0.012 | 0.024-0.098 | | | | | | | | | | | | | | | | | | ☺ |
| | VBMT333-FM6 | 0.654 | 0.047 | 0.006-0.012 | 0.039-0.098 | | | | | | | | | | | | | | | | | | ☺ |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: VBGT110302-FL2 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

WALTER SELECT

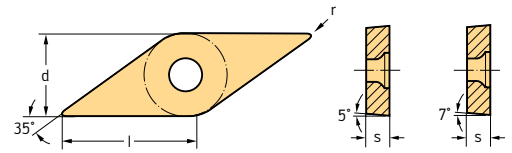
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert – Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT / VCMW

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | | | | M | | | | | K | | | N | | S | | |
|------------------|----------------|---------|---------|-------------|----------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| | | | | | | HC | | | HE | | | HC | | | | | HC | | | HW | | HC | | |
| | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WPP30G | WEP01C | WEP10C | WSM01 | WSM10S | WMP20S | WSM20S | WSM30S | WKP01G | WKK10S | WKK20S | WNN10 | WNI10 | WSM01 | WSM10S |
| VBMT331-MP6 | VBMT160404-MP6 | 0.654 | 0.016 | 0.004-0.010 | 0.016-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VBMT332-MP6 | VBMT160408-MP6 | 0.654 | 0.032 | 0.006-0.012 | 0.024-0.098 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VBMT331-MK4 | VBMT160404-MK4 | 0.654 | 0.016 | 0.003-0.008 | 0.016-0.079 | | | | | | | | | | | | | | | | | | | |
| VBMT332-MK4 | VBMT160408-MK4 | 0.654 | 0.032 | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | |
| VBMT333-MK4 | VBMT160412-MK4 | 0.654 | 0.047 | 0.005-0.013 | 0.020-0.079 | | | | | | | | | | | | | | | | | | | |
| VCMT221-RM4 | VCMT110304-RM4 | 0.436 | 0.016 | 0.005-0.008 | 0.016-0.098 | | | ☺ | | | | | | | | | | | | | | | | |
| VCMT222-RM4 | VCMT110308-RM4 | 0.436 | 0.032 | 0.006-0.010 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | |
| VCMT331-RM4 | VCMT160404-RM4 | 0.654 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | ☺ | | | | | | | | | | | | | | | | |
| VCMT332-RM4 | VCMT160408-RM4 | 0.654 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | ☺ | | | | | | | | | | | | | | | | |
| VCMT333-RM4 | VCMT160412-RM4 | 0.654 | 0.047 | 0.008-0.014 | 0.031-0.157 | | | | | | | | | | | | | | | | | | | |
| VCMT221-RP4 | VCMT110304-RP4 | 0.436 | 0.016 | 0.005-0.008 | 0.016-0.098 | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | |
| VCMT222-RP4 | VCMT110308-RP4 | 0.436 | 0.032 | 0.006-0.010 | 0.024-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VCMT331-RP4 | VCMT160404-RP4 | 0.654 | 0.016 | 0.005-0.010 | 0.016-0.098 | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | |
| VCMT3(3)1.5-RP4 | VCMT160406-RP4 | 0.654 | 0.024 | 0.006-0.010 | 0.024-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VCMT332-RP4 | VCMT160408-RP4 | 0.654 | 0.032 | 0.006-0.012 | 0.024-0.118 | ☺ | ☺ | | | | | | | | | | | | | | | | | |
| VCMT333-RP4 | VCMT160412-RP4 | 0.654 | 0.047 | 0.008-0.014 | 0.031-0.118 | ☺ | ☺ | | ☺ | | | | | | | | | | | | | | | |
| VCMT221-RK4 | VCMT110304-RK4 | 0.436 | 0.016 | 0.005-0.008 | 0.016-0.098 | | | | | | | | | | | | | | | | | | | |
| VCMT222-RK4 | VCMT110308-RK4 | 0.436 | 0.032 | 0.006-0.010 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | |
| VCMT331-RK4 | VCMT160404-RK4 | 0.654 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | | | | | | | | | | | | | |
| VCMT332-RK4 | VCMT160408-RK4 | 0.654 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | |
| VCMT333-RK4 | VCMT160412-RK4 | 0.654 | 0.047 | 0.008-0.014 | 0.031-0.118 | | | | | | | | | | | | | | | | | | | |
| VCMW331-RK6 | VCMW160404-RK6 | 0.654 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | | | | | | | | | | | | | | |
| VCMW332-RK6 | VCMW160408-RK6 | 0.654 | 0.032 | 0.006-0.012 | 0.024-0.118 | | | | | | | | | | | | | | | | | | | |
| VCMW333-RK6 | VCMW160412-RK6 | 0.654 | 0.047 | 0.008-0.014 | 0.031-0.118 | | | | | | | | | | | | | | | | | | | |

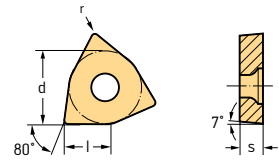
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: VBGT110302-FL2 WPP20G

HC = Coated carbide
 HE = Coated cermet
 HW = Uncoated carbide

Turning Insert – Positive Trigon 80°

WCGT / WCMT

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | M | | | K | N | S | | |
|------------------|---------------------|----------------|---------|-------------|----------------------|-------------|--------|--------|--------|-------|--------|--------|-------|--------|-------|--------|
| | | | | | | WPP10G | WPP20G | WPP30G | WSM20S | WSM21 | WSM30S | WKK20S | WNN10 | WSM20S | WSM21 | WSM30S |
| | WCGT1.5(1)0.5-FN2 | WCGT020102-FN2 | 0.106 | 0.008 | 0.002-0.005 | 0.008-0.059 | | | | | | | | | | |
| | WCGT1.5(1)1-FN2 | WCGT020104-FN2 | 0.106 | 0.016 | 0.003-0.008 | 0.008-0.059 | | | | | | | | | | |
| | WCGT1.8(1.5)0.5-FN2 | WCGT030202-FN2 | 0.154 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | |
| | WCGT1.8(1.5)1-FN2 | WCGT030204-FN2 | 0.154 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | |
| | WCGT2(1.5)0.5-FN2 | WCGT040202-FN2 | 0.171 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | |
| | WCGT2(1.5)1-FN2 | WCGT040204-FN2 | 0.171 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | |
| | WCGT3(2.5)1-FN2 | WCGT06T304-FN2 | 0.257 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | |
| WCGT3(2.5)2-FN2 | WCGT06T308-FN2 | 0.257 | 0.032 | 0.004-0.012 | 0.012-0.118 | | | | | | | | | | | |
| | WCGT1.8(1.5)0.5-FM2 | WCGT030202-FM2 | 0.154 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | |
| | WCGT1.8(1.5)1-FM2 | WCGT030204-FM2 | 0.154 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | |
| | WCGT2(1.5)0.5-FM2 | WCGT040202-FM2 | 0.171 | 0.008 | 0.002-0.005 | 0.008-0.079 | | | | | | | | | | |
| | WCGT2(1.5)1-FM2 | WCGT040204-FM2 | 0.171 | 0.016 | 0.003-0.010 | 0.008-0.098 | | | | | | | | | | |
| | WCMT2(1.5)0.5-FM4 | WCMT040202-FM4 | 0.171 | 0.008 | 0.002-0.005 | 0.004-0.039 | | | | | | | | | | |
| | WCMT2(1.5)1-FM4 | WCMT040204-FM4 | 0.171 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | |
| | WCMT3(2.5)1-FM4 | WCMT06T304-FM4 | 0.257 | 0.016 | 0.002-0.006 | 0.004-0.059 | | | | | | | | | | |
| | WCMT3(2.5)2-FM4 | WCMT06T308-FM4 | 0.257 | 0.032 | 0.003-0.008 | 0.004-0.059 | | | | | | | | | | |
| | WCMT2(1.5)0.5-FP4 | WCMT040202-FP4 | 0.171 | 0.008 | 0.002-0.005 | 0.004-0.039 | ☺ | ☺ | | | | | | | | |
| | WCMT2(1.5)1-FP4 | WCMT040204-FP4 | 0.171 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | | | | | | | | |
| | WCMT2(1.5)2-FP4 | WCMT040208-FP4 | 0.171 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | ☺ | | | | | | | | |
| | WCMT3(2.5)0.5-FP4 | WCMT06T302-FP4 | 0.257 | 0.008 | 0.002-0.005 | 0.004-0.039 | ☺ | ☺ | | | | | | | | |
| | WCMT3(2.5)1-FP4 | WCMT06T304-FP4 | 0.257 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | | | | | | | | |
| | WCMT3(2.5)2-FP4 | WCMT06T308-FP4 | 0.257 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | ☺ | | | | | | | | |
| | WCMT431-FP4 | WCMT080404-FP4 | 0.342 | 0.016 | 0.002-0.006 | 0.004-0.059 | ☺ | ☺ | | | | | | | | |
| | WCMT432-FP4 | WCMT080408-FP4 | 0.342 | 0.032 | 0.003-0.008 | 0.004-0.059 | ☺ | ☺ | | | | | | | | |
| | WCMT2(1.5)1-FP6 | WCMT040204-FP6 | 0.171 | 0.016 | 0.002-0.007 | 0.012-0.079 | ☺ | ☺ | | | | | | | | |
| | WCMT232-FP6 | WCMT040208-FP6 | 0.171 | 0.032 | 0.004-0.008 | 0.020-0.079 | ☺ | ☺ | | | | | | | | |
| | WCGT1.8(1.5)0.5-MN2 | WCGT030202-MN2 | 0.154 | 0.008 | 0.002-0.005 | 0.020-0.059 | | | | | | | | | | |
| | WCGT1.8(1.5)1-MN2 | WCGT030204-MN2 | 0.154 | 0.016 | 0.003-0.008 | 0.024-0.059 | | | | | | | | | | |
| | WCGT2(1.5)1-MN2 | WCGT040204-MN2 | 0.171 | 0.016 | 0.003-0.010 | 0.024-0.098 | | | | | | | | | | |
| | WCGT3(2.5)0.5-MN2 | WCGT06T302-MN2 | 0.257 | 0.008 | 0.002-0.005 | 0.024-0.079 | | | | | | | | | | |
| | WCGT3(2.5)1-MN2 | WCGT06T304-MN2 | 0.257 | 0.016 | 0.003-0.010 | 0.024-0.118 | | | | | | | | | | |
| | WCGT431-MN2 | WCGT080404-MN2 | 0.342 | 0.016 | 0.003-0.010 | 0.024-0.157 | | | | | | | | | | |
| | WCGT432-MN2 | WCGT080408-MN2 | 0.342 | 0.032 | 0.004-0.014 | 0.031-0.157 | | | | | | | | | | |
| | WCMT3(2.5)1-MM4 | WCMT06T304-MM4 | 0.257 | 0.016 | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | |
| | WCMT3(2.5)2-MM4 | WCMT06T308-MM4 | 0.257 | 0.032 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | |
| | WCMT3(2.5)1-MP4 | WCMT06T304-MP4 | 0.257 | 0.016 | 0.003-0.010 | 0.016-0.098 | ☺ | ☺ | | | | | | | | |
| | WCMT3(2.5)2-MP4 | WCMT06T308-MP4 | 0.257 | 0.032 | 0.005-0.013 | 0.020-0.098 | ☺ | ☺ | | | | | | | | |

See the ISO 1832 designation key for dimensions

Ordering example for the grade WNN10: WCGT020102-FN2 WNN10

HC = Coated carbide

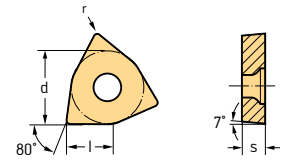
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹☹ machining conditions

Turning Insert – Positive Trigon 80°

WCGT / WCMT

Tiger-tec® Gold



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | P | | | M | | | K | N | S | | |
|------------------|---------------------|----------------|---------|---------|----------------------|-------------|--------|--------|--------|-------|--------|--------|-------|--------|-------|--------|
| | | | | | | WPP10G | WPP20G | WPP30G | WSM20S | WSM21 | WSM30S | WKK20S | WNN10 | WSM20S | WSM21 | WSM30S |
| | WCMT1.8(1.5)0.5-RM4 | WCMT030202-RM4 | 0.154 | 0.008 | 0.003-0.005 | 0.008-0.059 | | | | ☉ | | | | ☉ | | |
| | WCMT2(1.5)0.5-RM4 | WCMT040202-RM4 | 0.171 | 0.008 | 0.003-0.005 | 0.016-0.079 | | | | ☉ | ☉ | | | ☉ | ☉ | ☉ |
| | WCMT2(1.5)1-RM4 | WCMT040204-RM4 | 0.171 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | ☉ | ☉ | | | ☉ | ☉ | ☉ |
| | WCMT3(2.5)1-RM4 | WCMT06T304-RM4 | 0.257 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | ☉ | ☉ | | | ☉ | ☉ | ☉ |
| | WCMT3(2.5)2-RM4 | WCMT06T308-RM4 | 0.257 | 0.032 | 0.006-0.014 | 0.024-0.118 | | | | ☉ | ☉ | | | ☉ | ☉ | ☉ |
| | WCMT432-RM4 | WCMT080408-RM4 | 0.342 | 0.032 | 0.006-0.016 | 0.024-0.157 | | | | ☉ | ☉ | | | ☉ | ☉ | ☉ |
| | WCMT433-RM4 | WCMT080412-RM4 | 0.342 | 0.047 | 0.008-0.018 | 0.031-0.157 | | | | ☉ | | | | ☉ | | |
| | | | | | | | | | | | | | | | | |
| | WCMT1.8(1.5)0.5-RP4 | WCMT030202-RP4 | 0.154 | 0.008 | 0.003-0.005 | 0.008-0.059 | ☉ | | | | | | | | | |
| | WCMT2(1.5)1-RP4 | WCMT040204-RP4 | 0.171 | 0.016 | 0.005-0.010 | 0.016-0.098 | ☉ | | | | | | | | | |
| | WCMT3(2.5)1-RP4 | WCMT06T304-RP4 | 0.257 | 0.016 | 0.005-0.010 | 0.016-0.118 | ☉ | | | | | | | | | |
| | WCMT3(2.5)2-RP4 | WCMT06T308-RP4 | 0.257 | 0.032 | 0.006-0.014 | 0.024-0.118 | ☉ | ☉ | | | | | | | | |
| | WCMT431-RP4 | WCMT080404-RP4 | 0.342 | 0.016 | 0.005-0.010 | 0.016-0.118 | ☉ | | | | | | | | | |
| | WCMT432-RP4 | WCMT080408-RP4 | 0.342 | 0.032 | 0.006-0.016 | 0.024-0.157 | ☉ | ☉ | | | | | | | | |
| | WCMT433-RP4 | WCMT080412-RP4 | 0.342 | 0.047 | 0.008-0.018 | 0.031-0.157 | ☉ | | | | | | | | | |
| | WCMT2(1.5)1-RK4 | WCMT040204-RK4 | 0.171 | 0.016 | 0.005-0.010 | 0.016-0.098 | | | | | | ☉ | | | | |
| | WCMT3(2.5)1-RK4 | WCMT06T304-RK4 | 0.257 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | ☉ | | | | |
| | WCMT3(2.5)2-RK4 | WCMT06T308-RK4 | 0.257 | 0.032 | 0.006-0.014 | 0.024-0.118 | | | | | | ☉ | | | | |
| | WCMT431-RK4 | WCMT080404-RK4 | 0.342 | 0.016 | 0.005-0.010 | 0.016-0.118 | | | | | | ☉ | | | | |
| | WCMT432-RK4 | WCMT080408-RK4 | 0.342 | 0.032 | 0.006-0.016 | 0.024-0.157 | | | | | | ☉ | | | | |
| | WCMT433-RK4 | WCMT080412-RK4 | 0.342 | 0.047 | 0.008-0.018 | 0.031-0.157 | | | | | | ☉ | | | | |
| | | | | | | | | | | | | | | | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WNN10: WCGT020102-FN2 WNN10

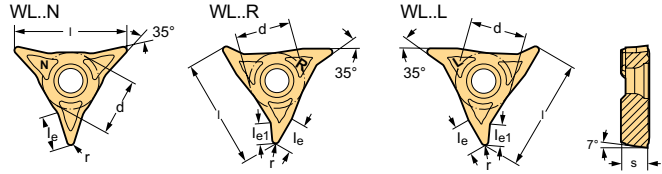
HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☉ → Average = ☉ → Poor = ☉ machining conditions

Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

| Designation | r in | l in | le in | le1 in | f in | ap in | P | | | | M | | | | K | | S | |
|------------------|---------|---------|----------|-----------|-------------|-------------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|
| | | | | | | | HC | | | | HC | | | | HC | | HC | |
| | | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WSM01 | WSM10S | WMP20S | WSM20S | WKP01G | WSM01 | WSM10S | WSM20S |
| WL17-VC0502N-FM4 | 0.008 | 0.669 | 0.181 | | 0.002-0.006 | 0.004-0.047 | | | | | | | | | | | | |
| WL17-VC0504N-FM4 | 0.016 | 0.669 | 0.197 | | 0.002-0.008 | 0.004-0.071 | | | | | | | | | | | | |
| WL17-VC0508N-FM4 | 0.032 | 0.669 | 0.224 | | 0.003-0.010 | 0.008-0.071 | | | | | | | | | | | | |
| WL25-VC0702N-FM4 | 0.008 | 0.984 | 0.236 | | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0704N-FM4 | 0.016 | 0.984 | 0.248 | | 0.002-0.008 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0708N-FM4 | 0.032 | 0.984 | 0.280 | | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | |
| WL17-VC0502R-FM4 | 0.008 | 0.669 | 0.169 | 0.098 | 0.002-0.006 | 0.004-0.047 | | | | | | | | | | | | |
| WL17-VC0504R-FM4 | 0.016 | 0.669 | 0.181 | 0.122 | 0.002-0.008 | 0.004-0.071 | | | | | | | | | | | | |
| WL17-VC0508R-FM4 | 0.032 | 0.669 | 0.197 | 0.142 | 0.003-0.010 | 0.008-0.071 | | | | | | | | | | | | |
| WL25-VC0702R-FM4 | 0.008 | 0.984 | 0.217 | 0.134 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0704R-FM4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.002-0.008 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0708R-FM4 | 0.032 | 0.984 | 0.260 | 0.181 | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | |
| WL17-VC0502L-FM4 | 0.008 | 0.669 | 0.169 | 0.098 | 0.002-0.006 | 0.004-0.047 | | | | | | | | | | | | |
| WL17-VC0504L-FM4 | 0.016 | 0.669 | 0.181 | 0.122 | 0.002-0.008 | 0.004-0.071 | | | | | | | | | | | | |
| WL17-VC0508L-FM4 | 0.032 | 0.669 | 0.197 | 0.142 | 0.003-0.010 | 0.008-0.071 | | | | | | | | | | | | |
| WL25-VC0702L-FM4 | 0.008 | 0.984 | 0.217 | 0.134 | 0.002-0.006 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0704L-FM4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.002-0.008 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0708L-FM4 | 0.032 | 0.984 | 0.260 | 0.181 | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | |
| WL17-VC0504N-FP4 | 0.016 | 0.669 | 0.197 | | 0.002-0.008 | 0.004-0.071 | | | | | | | | | | | | |
| WL17-VC0508N-FP4 | 0.032 | 0.669 | 0.224 | | 0.003-0.010 | 0.008-0.071 | | | | | | | | | | | | |
| WL25-VC0704N-FP4 | 0.016 | 0.984 | 0.248 | | 0.002-0.008 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0708N-FP4 | 0.032 | 0.984 | 0.280 | | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | |
| WL25-VC0704R-FP4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.002-0.008 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0708R-FP4 | 0.032 | 0.984 | 0.260 | 0.181 | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | |
| WL25-VC0704L-FP4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.002-0.008 | 0.004-0.079 | | | | | | | | | | | | |
| WL25-VC0708L-FP4 | 0.032 | 0.984 | 0.260 | 0.181 | 0.003-0.010 | 0.008-0.079 | | | | | | | | | | | | |
| WL17-VC0504N-MM4 | 0.016 | 0.669 | 0.197 | | 0.003-0.010 | 0.016-0.079 | | | | | | | | | | | | |
| WL17-VC0508N-MM4 | 0.032 | 0.669 | 0.224 | | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | | |
| WL25-VC0704N-MM4 | 0.016 | 0.984 | 0.248 | | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | | | |
| WL25-VC0708N-MM4 | 0.032 | 0.984 | 0.280 | | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | |
| WL25-VC0712N-MM4 | 0.047 | 0.984 | 0.291 | | 0.005-0.014 | 0.020-0.098 | | | | | | | | | | | | |
| WL25-VC0716N-MM4 | 0.063 | 0.984 | 0.343 | | 0.005-0.016 | 0.020-0.098 | | | | | | | | | | | | |
| WL25-VC0704R-MM4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | | | |
| WL25-VC0708R-MM4 | 0.032 | 0.984 | 0.260 | 0.181 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | |
| WL25-VC0704L-MM4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | | | |
| WL25-VC0708L-MM4 | 0.032 | 0.984 | 0.260 | 0.181 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | | |

Ordering example for the grade WSM10S: WL17-VC0502N-FM4 WSM10S

HC = Coated carbide

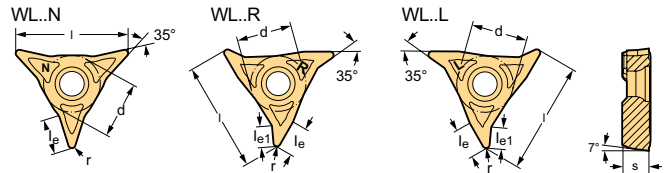
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹☹ machining conditions




Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

| Designation | r in | l in | le in | le1 in | f in | ap in | P | | | | M | | | K | | S | |
|---|---------|---------|----------|-----------|-------------|-------------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|
| | | | | | | | HC | | | | HC | | | HC | | HC | |
| | | | | | | | WKP01G | WPP10G | WPP20G | WMP20S | WSM01 | WSM10S | WMP20S | WSM20S | WKP01G | WSM01 | WSM10S |
|  WL17-VC0504N-MP4 WL17-VC0508N-MP4 WL25-VC0704N-MP4 WL25-VC0708N-MP4 WL25-VC0712N-MP4 WL25-VC0716N-MP4 | 0.016 | 0.669 | 0.197 | | 0.003-0.010 | 0.016-0.079 | | | | | | | | | | | |
| | 0.032 | 0.669 | 0.224 | | 0.005-0.012 | 0.020-0.079 | | | | | | | | | | | |
| | 0.016 | 0.984 | 0.248 | | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | | |
| | 0.032 | 0.984 | 0.280 | | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | |
| | 0.047 | 0.984 | 0.291 | | 0.005-0.014 | 0.020-0.098 | | | | | | | | | | | |
|  WL25-VC0704R-MP4 WL25-VC0708R-MP4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | | |
| | 0.032 | 0.984 | 0.260 | 0.181 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | |
|  WL25-VC0704L-MP4 WL25-VC0708L-MP4 | 0.016 | 0.984 | 0.244 | 0.154 | 0.003-0.010 | 0.016-0.098 | | | | | | | | | | | |
| | 0.032 | 0.984 | 0.260 | 0.181 | 0.005-0.013 | 0.020-0.098 | | | | | | | | | | | |

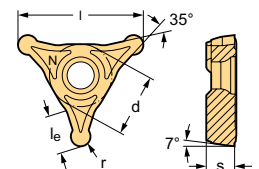
Ordering example for the grade WSM10S: WL17-VC0502N-FM4 WSM10S

HC = Coated carbide


Indexable inserts copy turning system

WL...-RC...

Tiger-tec® Gold



Indexable inserts

| Designation | r in | l in | le in | f in | ap in | P | | M | | S | |
|---|---------|---------|----------|-------------|------------|--------|--------|--------|--------|--------|--|
| | | | | | | HC | | HC | | HC | |
| | | | | | | WPP20G | WSM20S | WSM30S | WSM20S | WSM30S | |
|  WL25-RC0420N-MU6 WL25-RC0525N-MU6 | 0.079 | 0.984 | 0.284 | 0.005-0.016 | 0.02-0.079 | | | | | | |
| | 0.098 | 0.984 | 0.272 | 0.005-0.018 | 0.02-0.098 | | | | | | |

Ordering example for the grade WPP20G: WL25-RC0420N-MU6 WPP20G

HC = Coated carbide

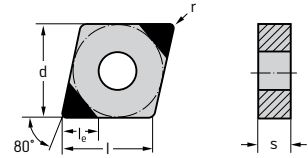
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert CBN – Negative rhombic 80°

CNGA



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | f in | a_p in | K | | S | | H | | | |
|------------------|---------------|-------------------------|-------------|-----------|-----------|-----------|-------------|-------------|-------|--------|--------|-------|-------|-------|---|
| | | | | | | | | BH | BH | BC | BL | BH | | | |
| | | | | | | | | WBK20 | WBS10 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 | |
| Wiper | CNGA431TM-MW2 | CNGA120404TM-MW2 | 2 | 0.110 | 0.508 | 0.016 | 0.002-0.014 | 0.004-0.039 | | | ☺ | | | | |
| | CNGA432TM-MW2 | CNGA120408TM-MW2 | 2 | 0.106 | 0.508 | 0.032 | 0.002-0.020 | 0.004-0.039 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CNGA433TM-MW2 | CNGA120412TM-MW2 | 2 | 0.110 | 0.508 | 0.047 | 0.002-0.020 | 0.004-0.039 | | | ☺ | | ☺ | | ☺ |
| | CNGA431EM-2 | CNGA120404EM-2 | 2 | 0.110 | 0.508 | 0.016 | 0.002-0.008 | 0.004-0.020 | | ☺ | | | | | |
| | CNGA432EM-2 | CNGA120408EM-2 | 2 | 0.106 | 0.508 | 0.032 | 0.002-0.010 | 0.004-0.039 | | ☺ | | | | | |
| | CNGA431TS-2 | CNGA120404TS-2 | 2 | 0.110 | 0.508 | 0.016 | 0.002-0.008 | 0.004-0.079 | | ☺ | | | | | |
| | CNGA432TS-2 | CNGA120408TS-2 | 2 | 0.106 | 0.508 | 0.032 | 0.002-0.010 | 0.004-0.079 | | ☺ | | | | | |
| | CNGA433TS-2 | CNGA120412TS-2 | 2 | 0.110 | 0.508 | 0.047 | 0.002-0.012 | 0.004-0.079 | | ☺ | | | | | |
| | CNGA431TM-M2 | CNGA120404TM-M2 | 2 | 0.110 | 0.508 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | | | ☺ | | |
| Chipbreaker | CNGA432TM-M2 | CNGA120408TM-M2 | 2 | 0.106 | 0.508 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | | ☺ | ☺ | | |
| | CNGA433TM-M2 | CNGA120412TM-M2 | 2 | 0.110 | 0.508 | 0.047 | 0.002-0.012 | 0.004-0.039 | | | | ☺ | | | |
| | CNGA431TM-2 | CNGA120404TM-2 | 2 | 0.110 | 0.508 | 0.016 | 0.002-0.008 | 0.004-0.039 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CNGA432TM-2 | CNGA120408TM-2 | 2 | 0.106 | 0.508 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CNGA433TM-2 | CNGA120412TM-2 | 2 | 0.110 | 0.508 | 0.047 | 0.002-0.012 | 0.004-0.039 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CNGA432TM-4 | CNGA120408TM-4 | 4 | 0.106 | 0.508 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | ☺ | | | | |

See the ISO 1832 designation key for dimensions

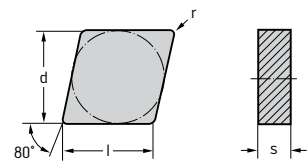
Ordering example for the grade WBH10C: CNGA120404TM-MW2 WBH10C

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Negative rhombic 80°CNGN



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l in | r in | f in | a_p in | K | |
|------------------|--------------|-------------------------|-----------|-----------|-----------|-------------|-------------|---|
| | | | | | | | BH | |
| | | | | | | | WBK30 | |
| | CNGN432-TM-S | CNGN120408TM-S | 4 | 0.508 | 0.032 | 0.002-0.020 | 0.004-0.197 | ☺ |
| | CNGN433-TM-S | CNGN120412TM-S | 4 | 0.508 | 0.047 | 0.002-0.020 | 0.004-0.197 | ☺ |
| | CNGN434-TM-S | CNGN120416TM-S | 4 | 0.508 | 0.063 | 0.002-0.020 | 0.004-0.197 | ☺ |

See the ISO 1832 designation key for dimensions

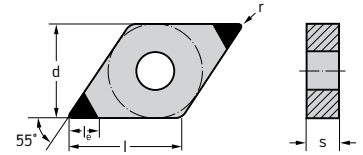
Ordering example for the grade WBK30: CNGN120408TM-S WBK30

BH = CBN with high CBN content

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Turning Insert CBN – Negative rhombic 55° DNGA



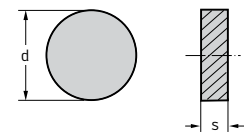
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | f in | a _p in | K | | S | | H | | | |
|------------------|---------------|-------------------------|----------------------|---------|---------|---------|----------------------|-------------|-------|--------|--------|-------|-------|-------|---|
| | | | | | | | | BH | BH | BC | BL | BH | | | |
| | | | | | | | | WBK20 | WBS10 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 | |
| | DNGA431TM-MW2 | DNGA150404TM-MW2 | 2 | 0.114 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | | |
| | DNGA432TM-MW2 | DNGA150408TM-MW2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | ☺ | | | | |
| | DNGA441TM-MW2 | DNGA150604TM-MW2 | 2 | 0.114 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | | |
| | DNGA443TM-MW2 | DNGA150612TM-MW2 | 2 | 0.110 | 0.610 | 0.047 | 0.002-0.012 | 0.004-0.039 | | | ☺ | | | | |
| | DNGA431EM-2 | DNGA150404EM-2 | 2 | 0.114 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | | |
| | DNGA432EM-2 | DNGA150408EM-2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | ☺ | | | | |
| | DNGA441TS-2 | DNGA150604TS-2 | 2 | 0.114 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.079 | | | ☺ | | | | |
| | DNGA442TS-2 | DNGA150608TS-2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.079 | | | ☺ | | | | |
| | DNGA443TS-2 | DNGA150612TS-2 | 2 | 0.110 | 0.610 | 0.047 | 0.002-0.012 | 0.004-0.079 | | | ☺ | | | | |
| | DNGA441TM-M2 | DNGA150408TM-M2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | | | ☺ | | |
| | DNGA442TM-M2 | DNGA150608TM-M2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | | | ☺ | | |
| | DNGA443TM-M2 | DNGA150612TM-M2 | 2 | 0.110 | 0.610 | 0.047 | 0.002-0.012 | 0.004-0.039 | | | | | ☺ | | |
| | DNGA431TM-2 | DNGA150404TM-2 | 2 | 0.114 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | ☺ | |
| | DNGA432TM-2 | DNGA150408TM-2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | ☺ | | | ☺ | |
| | DNGA441TM-2 | DNGA150604TM-2 | 2 | 0.114 | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | DNGA442TM-2 | DNGA150608TM-2 | 2 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | DNGA443TM-2 | DNGA150612TM-2 | 2 | 0.110 | 0.610 | 0.047 | 0.002-0.012 | 0.004-0.039 | | | ☺ | | | ☺ | ☺ |
| | DNGA442TM-4 | DNGA150608TM-4 | 4 | 0.110 | 0.610 | 0.032 | 0.002-0.010 | 0.004-0.039 | | | | ☺ | | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10C: DNGA150404TM-MW2 WBH10C

BH = CBN with high CBN content
BC = coated CBN
BL = CBN with low CBN content

Turning Insert CBN – Negative Round RNGN



Indexable inserts

| ANSI Designation | Designation | d in | f in | a _p in | K | | |
|------------------|-------------|----------------|---------|----------------------|-------------|-------|--|
| | | | | | BH | BH | |
| | | | | | WBK20 | WBK30 | |
| | RNGN43TS-0 | RNGN120400TS-0 | 0.500 | 0.002-0.016 | 0.004-0.197 | ☺ | |

Ordering example for the grade WBK20: RNGN120400TS-0 WBK20

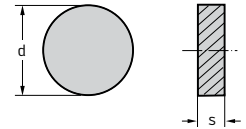
BH = CBN with high CBN content

WALTER SELECT




Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Turning Insert CBN – Negative Round RNGN



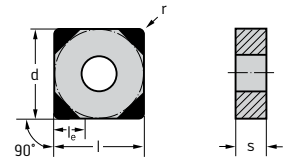
Indexable inserts

| ANSI Designation | Designation | d in | f in | a _p in | K | |
|--|----------------|---------|-------------|----------------------|---|---|
| | | | | | BH | |
| | | | | | WBK20 | WBK30 |
|  RNGN43TM-S | RNGN120400TM-S | 0.500 | 0.002-0.016 | 0.004-0.197 |  |  |











Ordering example for the grade WBK20: RNGN120400TS-0 WBK20

BH = CBN with high CBN content

Turning Insert CBN – Negative square SNGA



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | r in | f in | a _p in | K | | |
|---|----------------|-------------------------|----------------------|---------|-------------|----------------------|---|---|---|
| | | | | | | | BH | BL | H |
| | | | | | | | WBK20 | WBH20 | WBH30 |
|  SNGA432TS-4 | SNGA120408TS-4 | 4 | 0.110 | 0.031 | 0.002-0.012 | 0.004-0.079 |  | | |
| SNGA433TS-4 | SNGA120412TS-4 | 4 | 0.110 | 0.047 | 0.002-0.012 | 0.004-0.079 |  | | |
|  SNGA432TM-4 | SNGA120408TM-4 | 4 | 0.110 | 0.031 | 0.002-0.012 | 0.004-0.039 |  |  |  |
| SNGA433TM-4 | SNGA120412TM-4 | 4 | 0.110 | 0.047 | 0.002-0.012 | 0.004-0.039 |  |  |  |

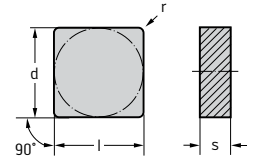
See the ISO 1832 designation key for dimensions

Ordering example for the grade WBK20: SNGA120408TS-4 WBK20





BH = CBN with high CBN content

BL = CBN with low CBN content

Turning Insert CBN – Negative square SNGN



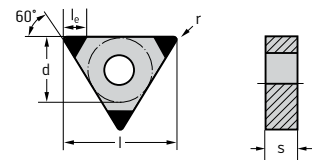
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | r in | f in | a _p in | K BH WBK30 |
|---|----------------|-------------------------|---------|-------------|----------------------|---|
|  SNGN432TM-S | SNGN120408TM-S | 8 | 0.031 | 0.002-0.020 | 0.004-0.197 |  |
| SNGN433TM-S | SNGN120412TM-S | 8 | 0.047 | 0.002-0.020 | 0.004-0.197 |  |
| SNGN434TM-S | SNGN120416TM-S | 8 | 0.063 | 0.002-0.020 | 0.004-0.197 |  |














Ordering example for the grade WBK30: SNGN120408TM-S WBK30

BH = CBN with high CBN content

Turning Insert CBN – Negative triangular 60° TNGA



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | r in | f in | a _p in | K | | | | |
|---|----------------|-------------------------|----------------------|---------|-------------|----------------------|---|---|---|---|---|
| | | | | | | | BH | BC | H | | BH |
| | | | | | | | WBK20 | WBH10C | WBH10 | WBH20 | WBH30 |
|  TNGA331TS-3 | TNGA160404TS-3 | 3 | 0.118 | 0.016 | 0.002-0.020 | 0.004-0.079 |  | | | | |
| TNGA332TS-3 | TNGA160408TS-3 | 3 | 0.110 | 0.031 | 0.002-0.010 | 0.004-0.079 |  | | | | |
|  TNGA331TM-3 | TNGA160404TM-3 | 3 | 0.118 | 0.016 | 0.002-0.020 | 0.004-0.020 |  |  |  |  | |
| TNGA332TM-3 | TNGA160408TM-3 | 3 | 0.110 | 0.031 | 0.002-0.010 | 0.004-0.039 |  |  |  |  |  |

See the ISO 1832 designation key for dimensions

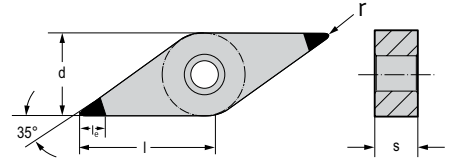
Ordering example for the grade WBK20: TNGA160404TS-3 WBK20

BH = CBN with high CBN content



BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Negative rhombic 35° VNGA



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | f in | a_p in | K | | | | | |
|---|-------------|-------------------------|-------------|-----------|-----------|-----------|-------------|-------------|--------|-------|-------|-------|---|
| | | | | | | | | BH | BC | H | | BH | |
| | | | | | | | | WBK20 | WBH10C | WBH10 | WBH20 | WBH30 | |
|  | VNGA331TS-2 | VNGA160404TS-2 | 2 | 3 | 0.654 | 0.016 | 0.002-0.008 | 0.004-0.020 | ☹ | | | | |
| | VNGA332TS-2 | VNGA160408TS-2 | 2 | 3 | 0.654 | 0.031 | 0.002-0.008 | 0.004-0.020 | ☹ | | | | |
|  | VNGA331TM-2 | VNGA160404TM-2 | 2 | 3 | 0.654 | 0.016 | 0.002-0.008 | 0.004-0.079 | ☺ | ☺ | ☺ | ☺ | ☺ |
| | VNGA332TM-2 | VNGA160408TM-2 | 2 | 3 | 0.654 | 0.031 | 0.002-0.008 | 0.004-0.079 | ☺ | ☺ | ☺ | ☺ | ☺ |

See the ISO 1832 designation key for dimensions

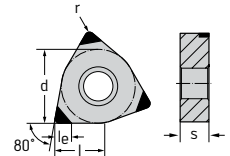
Ordering example for the grade WBK20: VNGA160404TS-2 WBK20

BH = CBN with high CBN content


BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Negative Trigon 80° WNGA



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | f in | a_p in | K | | | | |
|---|-------------|-------------------------|-------------|-----------|-----------|-----------|-------------|-------------|-------|-------|-------|---|
| | | | | | | | | BH | BL | H | | |
| | | | | | | | | WBK20 | WBH10 | WBH20 | WBH30 | |
|  | WNGA432TS-3 | WNGA080408TS-3 | 3 | 0.110 | 0.342 | 0.031 | 0.002-0.010 | 0.004-0.079 | ☹ | | | |
| | WNGA432TM-3 | WNGA080408TM-3 | 3 | 0.110 | 0.342 | 0.031 | 0.002-0.010 | 0.004-0.039 | ☺ | ☺ | ☺ | ☺ |

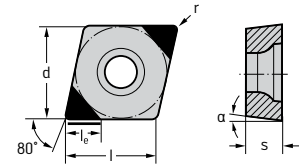
See the ISO 1832 designation key for dimensions

Ordering example for the grade WBK20: WNGA080408TS-3 WBK20

BH = CBN with high CBN content

BL = CBN with low CBN content

Turning Insert CBN – Positive rhombic 80° CCGW



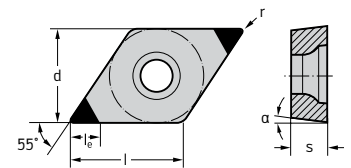
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | K | | S | | H | | |
|-------------------|-------------------|-------------------------|----------------------|---------|---------|----|-------------|----------------------|----|----|----|----|----|----|---|
| | | | | | | | | | BH | BH | BH | BC | BL | BH | |
| CCGW3(2.5)1TS-MW2 | CCGW09T304TS-MW2 | 2 | 0.110 | 0.381 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | | |
| | CCGW09T308TM-MW2 | 2 | 0.106 | 0.381 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | ☺ | | | | |
| | CCGW2(1.5)0.5EM-2 | 2 | 0.110 | 0.254 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | | | ☺ | | | | |
| | CCGW2(1.5)1EM-2 | 2 | 0.110 | 0.254 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | | | ☺ | | | | |
| | CCGW3(2.5)1EM-2 | 2 | 0.110 | 0.381 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | | |
| | CCGW3(2.5)2EM-2 | 2 | 0.106 | 0.381 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | ☺ | | | | |
| | CCGW2(1.5)0.5TS-2 | 2 | 0.110 | 0.254 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | ☺ | | ☺ | | ☺ | | |
| | CCGW2(1.5)1TS-2 | 2 | 0.110 | 0.254 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | ☺ | | | | | | |
| | CCGW2(1.5)2TS-2 | 2 | 0.106 | 0.254 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | ☺ | | | | | | |
| | CCGW3(2.5)1TS-2 | 2 | 0.110 | 0.381 | 0.016 | 7° | 0.002-0.006 | 0.004-0.020 | ☺ | | | | | | |
| | CCGW3(2.5)2TS-2 | 2 | 0.106 | 0.381 | 0.032 | 7° | 0.002-0.008 | 0.004-0.020 | ☺ | | | | | | |
| | CCGW2(1.5)0.5TM-2 | 2 | 0.110 | 0.254 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | | | | | ☺ | | |
| | CCGW2(1.5)1TM-2 | 2 | 0.110 | 0.254 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CCGW2(1.5)2TM-2 | 2 | 0.106 | 0.254 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CCGW3(2.5)1TM-2 | 2 | 0.110 | 0.381 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | | ☺ | ☺ | ☺ | ☺ | ☺ |
| | CCGW3(2.5)2TM-2 | 2 | 0.106 | 0.381 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | ☺ | ☺ | ☺ | ☺ | ☺ |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10C: CCGW09T304TS-MW2 WBH10C

BH = CBN with high CBN content
BC = coated CBN
BL = CBN with low CBN content

Turning Insert CBN – Positive rhombic 55° DCGW



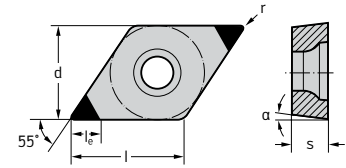
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | K | | S | | H | | |
|------------------|-------------------|-------------------------|----------------------|---------|---------|----|-------------|----------------------|----|----|----|----|----|----|--|
| | | | | | | | | | BH | BH | BH | BC | BL | BH | |
| | DCGW2(1.5)0.5EM-2 | 2 | 0.118 | 0.305 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | | | ☺ | | | | |
| | DCGW2(1.5)1EM-2 | 2 | 0.114 | 0.305 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | | | ☺ | | | | |
| | DCGW3(2.5)1EM-2 | 2 | 0.114 | 0.458 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | | ☺ | | | | |
| | DCGW3(2.5)2EM-2 | 2 | 0.110 | 0.458 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | ☺ | | | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBS10: DCGW070202EM-2 WBS10

BH = CBN with high CBN content
BC = coated CBN
BL = CBN with low CBN content

Turning Insert CBN – Positive rhombic 55° DCGW



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | α | f in | a_p in | K | | S | | H | | | |
|------------------|-------------------|-------------------------|-------------|-----------|-----------|----------|-----------|-------------|-------------|-------|--------|--------|-------|-------|-------|---|
| | | | | | | | | | BH | BH | BH | BH | BC | BL | BH | |
| | | | | | | | | | WBK20 | WBS10 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 | |
| | DCGW2(1.5)0.5TS-2 | DCGW070202TS-2 | 2 | 0.118 | 0.305 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | | | | | | | |
| | DCGW2(1.5)1TS-2 | DCGW070204TS-2 | 2 | 0.114 | 0.305 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | ☹ | | | | | | |
| | DCGW2(1.5)2TS-2 | DCGW070208TS-2 | 2 | 0.110 | 0.305 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | ☹ | | | | | | |
| | DCGW3(2.5)0.5TS-2 | DCGW11T302TS-2 | 2 | 0.118 | 0.458 | 0.008 | 7° | 0.002-0.006 | 0.004-0.020 | | | ☹ | ☹ | ☹ | | |
| | DCGW3(2.5)1TS-2 | DCGW11T304TS-2 | 2 | 0.114 | 0.458 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | ☹ | | | | | | |
| | DCGW3(2.5)2TS-2 | DCGW11T308TS-2 | 2 | 0.110 | 0.458 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | ☹ | | | | | | |
| | DCGW2(1.5)0.5TM-2 | DCGW070202TM-2 | 2 | 0.118 | 0.305 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | | | | | | | ☹ |
| | DCGW2(1.5)1TM-2 | DCGW070204TM-2 | 2 | 0.114 | 0.305 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | | | | | | | ☹ |
| | DCGW2(1.5)2TM-2 | DCGW070208TM-2 | 2 | 0.110 | 0.305 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | | | | | ☹ |
| | DCGW3(2.5)0.5TM-2 | DCGW11T302TM-2 | 2 | 0.118 | 0.458 | 0.008 | 7° | 0.002-0.006 | 0.004-0.020 | | | | | | | ☹ |
| | DCGW3(2.5)1TM-2 | DCGW11T304TM-2 | 2 | 0.114 | 0.458 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | | | | | | ☹ |
| | DCGW3(2.5)2TM-2 | DCGW11T308TM-2 | 2 | 0.110 | 0.458 | 0.032 | 7° | 0.002-0.010 | 0.004-0.020 | | | | | | | ☹ |

See the ISO 1832 designation key for dimensions

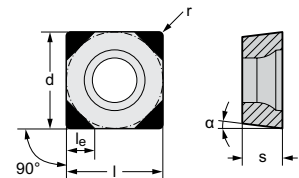
Ordering example for the grade WBS10: DCGW070202EM-2 WBS10

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Positive square SCGW



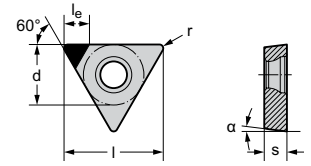
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | α | f in | a_p in | K | |
|------------------|-----------------|-------------------------|-------------|-----------|-----------|----------|-----------|-------------|-------------|-------|
| | | | | | | | | | BH | WBK20 |
| | SCGW3(2.5)1TS-4 | SCGW09T304TS-4 | 4 | 0.110 | 0.375 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | ☹ |
| | SCGW3(2.5)2TS-4 | SCGW09T308TS-4 | 4 | 0.110 | 0.375 | 0.031 | 7° | 0.002-0.010 | 0.004-0.020 | ☹ |

Ordering example for the grade WBK20: SCGW09T304TS-4 WBK20

BH = CBN with high CBN content

Turning Insert CBN – Positive triangular 60° TCGW



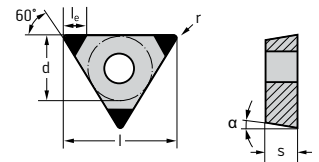
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | le in | l in | r in | α | f in | ap in | K | | | H | | |
|------------------|---------------------|-------------------------|-------|-------|-------|----|-------------|-------------|-------|-------|-------|-------|-------|-------|
| | | | | | | | | | BH | BC | BL | BH | BL | BL |
| | TCGW1.2(1.2)0.5TS-1 | 1 | 0.094 | 0.270 | 0.008 | 7° | 0.001-0.005 | 0.004-0.012 | WBK20 | WBH10 | WBH20 | WBK20 | WBH10 | WBH20 |
| | TCGW1.2(1.2)1TS-1 | 1 | 0.087 | 0.270 | 0.016 | 7° | 0.001-0.005 | 0.004-0.012 | WBK20 | WBH10 | WBH20 | WBK20 | WBH10 | WBH20 |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10: TCGW06T102TS-1 WBH10

BH = CBN with high CBN content
BL = CBN with low CBN content

Turning Insert CBN – Positive triangular 60° TCGW



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | le in | l in | r in | α | f in | ap in | K | | | H | | |
|------------------|-------------------|-------------------------|-------|-------|-------|----|-------------|-------------|-------|--------|--------|-------|-------|-------|
| | | | | | | | | | BH | BC | BL | BH | BL | BH |
| | TCGW2(1.5)0.5TS-3 | 3 | 0.110 | 0.433 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | WBK20 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 |
| | TCGW2(1.5)1TS-3 | 3 | 0.122 | 0.433 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | WBK20 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 |
| | TCGW2(1.5)1TM-3 | 3 | 0.122 | 0.433 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | WBK20 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 |
| | TCGW2(1.5)2TM-3 | 3 | 0.110 | 0.433 | 0.031 | 7° | 0.002-0.010 | 0.004-0.020 | WBK20 | WBH10C | WBH20C | WBH10 | WBH20 | WBH30 |

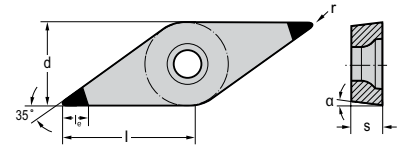
See the ISO 1832 designation key for dimensions
Ordering example for the grade WBK20: TCGW110202TS-3 WBK20

BH = CBN with high CBN content
BC = coated CBN
BL = CBN with low CBN content



WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert CBN – Positive rhombic 35°

VBGW



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | α | f in | a_p in | H | | | |
|---|----------------|-------------------------|-------------|-----------|-----------|----------|-------------|-------------|--------|-------|-------|-------|
| | | | | | | | | | WBH20C | WBH10 | WBH20 | WBH30 |
|  VBGW331TS-2 | VBGW160404TS-2 | 2 | 0.118 | 0.654 | 0.016 | 5° | 0.002-0.008 | 0.004-0.020 | ☺ | ☺ | | |
| VBGW332TS-2 | VBGW160408TS-2 | 2 | 0.118 | 0.654 | 0.031 | 5° | 0.002-0.010 | 0.004-0.020 | ☺ | | | |
|  VBGW221TM-2 | VBGW110304TM-2 | 2 | 0.118 | 0.436 | 0.016 | 5° | 0.002-0.008 | 0.004-0.020 | ☺ | ☺ | | |
| VBGW3(3)0.5TM-2 | VBGW160402TM-2 | 2 | 0.134 | 0.654 | 0.008 | 5° | 0.002-0.010 | 0.004-0.020 | ☺ | ☺ | | |
| VBGW331TM-2 | VBGW160404TM-2 | 2 | 0.118 | 0.654 | 0.016 | 5° | 0.002-0.008 | 0.004-0.020 | ☺ | ☺ | ☺ | ☺ |
| VBGW332TM-2 | VBGW160408TM-2 | 2 | 0.118 | 0.654 | 0.031 | 5° | 0.002-0.010 | 0.004-0.020 | ☺ | ☺ | ☺ | ☺ |

See the ISO 1832 designation key for dimensions

Ordering example for the grade WBH10: VBGW160404TS-2 WBH10

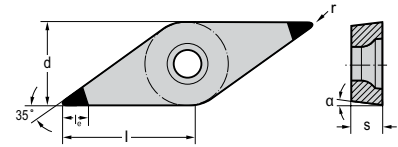
BC = coated CBN

BL = CBN with low CBN content




BH = CBN with high CBN content

Turning Insert CBN – Positive rhombic 35°

VCGW



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | α | f in | a_p in | S | | | H | |
|---|----------------|-------------------------|-------------|-----------|-----------|----------|-------------|-------------|-------|--------|-------|----|----|
| | | | | | | | | | WBS10 | WBH20C | WBH10 | BH | BC |
|  VCGW2(2)0.5EM-2 | VCGW110302EM-2 | 2 | 0.134 | 0.436 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | ☺ | | | | |
| VCGW221EM-2 | VCGW110304EM-2 | 2 | 0.118 | 0.436 | 0.016 | 7° | 0.002-0.008 | 0.004-0.012 | ☺ | | | | |
| VCGW331EM-2 | VCGW160404EM-2 | 2 | 0.118 | 0.654 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | ☺ | | | | |
| VCGW332EM-2 | VCGW160408EM-2 | 2 | 0.118 | 0.654 | 0.031 | 7° | 0.002-0.010 | 0.004-0.020 | ☺ | | | | |
|  VCGW331TM-2 | VCGW160404TM-2 | 2 | 0.118 | 0.654 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | ☺ | | | |
| VCGW332TM-2 | VCGW160408TM-2 | 2 | 0.118 | 0.654 | 0.031 | 7° | 0.002-0.010 | 0.004-0.020 | | | ☺ | | |
|  VCGW2(2)0.5TS-2 | VCGW110302TS-2 | 2 | 0.134 | 0.436 | 0.008 | 7° | 0.002-0.006 | 0.004-0.012 | | | | ☺ | |
| VCGW331TS-2 | VCGW160404TS-2 | 2 | 0.118 | 0.654 | 0.016 | 7° | 0.002-0.008 | 0.004-0.020 | | | | ☺ | |
| VCGW332TS-2 | VCGW160408TS-2 | 2 | 0.118 | 0.654 | 0.031 | 7° | 0.002-0.010 | 0.004-0.020 | | | | ☺ | |

See the ISO 1832 designation key for dimensions

Ordering example for the grade WBS10: VCGW110302EM-2 WBS10

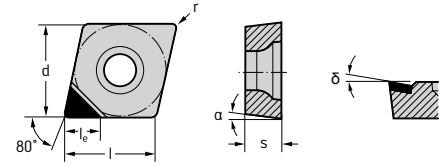
BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert PCD – Positive rhombic 80°

CCGT / CCGW



Indexable inserts

| | ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | | f in | a _p in | N | | O | |
|--|-------------------|-----------------|-------------------------|----------------------|---------|---------|----|-----|-------------|----------------------|-------|-------|----|----|
| | | | | | | | | | | | WDN10 | WDN10 | DP | DP |
| | CCGT2(1.5)1FS-M1 | CCGT060204FS-M1 | 1 | 0.138 | 0.254 | 0.016 | 7° | 25° | 0.003-0.008 | 0.004-0.079 | ☺ | ☺ | | |
| | CCGT3(2.5)1FS-M1 | CCGT09T304FS-M1 | 1 | 0.158 | 0.381 | 0.016 | 7° | 25° | 0.003-0.008 | 0.004-0.079 | ☺ | ☺ | | |
| | CCGT2(1.5)0.5FS-1 | CCGT060202FS-1 | 1 | 0.138 | 0.254 | 0.008 | 7° | 7° | 0.001-0.005 | 0.004-0.118 | ☺ | ☺ | | |
| | CCGT2(1.5)1FS-1 | CCGT060204FS-1 | 1 | 0.138 | 0.254 | 0.016 | 7° | 7° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ | | |
| | CCGT2(1.5)2FS-1 | CCGT060208FS-1 | 1 | 0.138 | 0.254 | 0.032 | 7° | 7° | 0.001-0.015 | 0.004-0.118 | ☺ | ☺ | | |
| | CCGT3(2.5)1FS-1 | CCGT09T304FS-1 | 1 | 0.158 | 0.381 | 0.016 | 7° | 10° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGT3(2.5)2FS-1 | CCGT09T308FS-1 | 1 | 0.158 | 0.381 | 0.032 | 7° | 10° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGW2(1.5)0.5FS-1 | CCGW060202FS-1 | 1 | 0.142 | 0.254 | 0.008 | 7° | 0° | 0.001-0.005 | 0.004-0.118 | ☺ | ☺ | | |
| | CCGW2(1.5)1FS-1 | CCGW060204FS-1 | 1 | 0.138 | 0.254 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ | | |
| | CCGW2(1.5)2FS-1 | CCGW060208FS-1 | 1 | 0.138 | 0.254 | 0.032 | 7° | 0° | 0.001-0.015 | 0.004-0.118 | ☺ | ☺ | | |
| | CCGW3(2.5)0.5FS-1 | CCGW09T302FS-1 | 1 | 0.161 | 0.381 | 0.008 | 7° | 0° | 0.001-0.005 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGW3(2.5)1FS-1 | CCGW09T304FS-1 | 1 | 0.161 | 0.381 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGW3(2.5)2FS-1 | CCGW09T308FS-1 | 1 | 0.158 | 0.381 | 0.032 | 7° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGW431FS-1 | CCGW120404FS-1 | 1 | 0.161 | 0.508 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGW432FS-1 | CCGW120408FS-1 | 1 | 0.158 | 0.508 | 0.032 | 7° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ | | |
| | CCGW2(1.5)1FSL-9 | CCGW060204FSL-9 | 1 | 0.252 | 0.254 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.252 | ☺ | ☺ | | |
| | CCGW3(2.5)1FSL-9 | CCGW09T304FSL-9 | 1 | 0.382 | 0.381 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.382 | ☺ | ☺ | | |
| | CCGW3(2.5)2FSL-9 | CCGW09T308FSL-9 | 1 | 0.382 | 0.381 | 0.032 | 7° | 0° | 0.001-0.015 | 0.004-0.382 | ☺ | ☺ | | |
| | CCGW2(1.5)1FSR-9 | CCGW060204FSR-9 | 1 | 0.252 | 0.254 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.252 | ☺ | ☺ | | |
| | CCGW3(2.5)1FSR-9 | CCGW09T304FSR-9 | 1 | 0.382 | 0.381 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.382 | ☺ | ☺ | | |
| | CCGW3(2.5)2FSR-9 | CCGW09T308FSR-9 | 1 | 0.382 | 0.381 | 0.032 | 7° | 0° | 0.001-0.015 | 0.004-0.382 | ☺ | ☺ | | |

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WDN10: CCGT060204FS-M1 WDN10

DP = Polycrystalline diamond

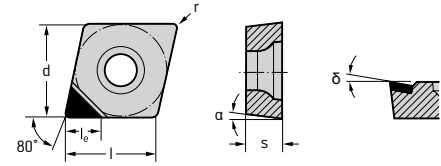
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

ISO indexable inserts – CBN/PCD/ceramic

Turning Insert PCD – Positive rhombic 80°

CPGW



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | N | | |
|---|----------------|-------------------------|----------------------|---------|---------|-----|---------|----------------------|-------------|-------|---|
| | | | | | | | | | DP | DP | |
| | | | | | | | | | WDN10 | WDN10 | |
|  CPGW1.8(1.5)1FS-1 | CPGW050204FS-1 | 1 | 0.118 | 0.222 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.098 | ☺ | ☺ |
| CPGW2(1.5)1FS-1 | CPGW060204FS-1 | 1 | 0.138 | 0.254 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ |
| CPGW3(2.5)1FS-1 | CPGW09T304FS-1 | 1 | 0.157 | 0.381 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ |
| CPGW3(2.5)2FS-1 | CPGW09T308FS-1 | 1 | 0.157 | 0.381 | 0.031 | 11° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ |
| CPGW432FS-1 | CPGW120408FS-1 | 1 | 0.157 | 0.508 | 0.031 | 11° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ |

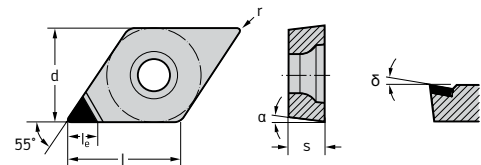
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: CPGW050204FS-1 WDN10




DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 55°

DCGT / DCGW



Indexable inserts

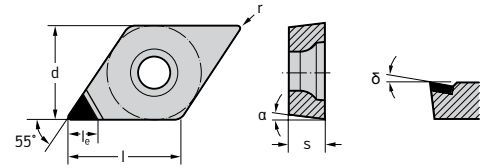
| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | β | f in | a _p in | N | |
|---|-----------------|-------------------------|----------------------|---------|---------|----|-----|-------------|----------------------|-------|----|
| | | | | | | | | | | DP | DP |
| | | | | | | | | | WDN10 | WDN10 | |
|  DCGT2(1.5)1FS-M1 | DCGT070204FS-M1 | 1 | 0.138 | 0.305 | 0.016 | 7° | 25° | 0.003-0.008 | 0.004-0.079 | ☺ | ☺ |
| DCGT3(2.5)1FS-M1 | DCGT11T304FS-M1 | 1 | 0.157 | 0.458 | 0.016 | 7° | 25° | 0.003-0.008 | 0.004-0.079 | ☺ | ☺ |
|  DCGT2(1.5)0.5FS-1 | DCGT070202FS-1 | 1 | 0.146 | 0.305 | 0.008 | 7° | 7° | 0.001-0.005 | 0.004-0.118 | ☺ | ☺ |
| DCGT2(1.5)1FS-1 | DCGT070204FS-1 | 1 | 0.138 | 0.305 | 0.016 | 7° | 7° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ |
| DCGT2(1.5)2FS-1 | DCGT070208FS-1 | 1 | 3.5 | 7.75 | 0.8 | 7° | 7° | 0.001-0.015 | 0.004-0.118 | ☺ | ☺ |
| DCGT3(2.5)0.5FS-1 | DCGT11T302FS-1 | 1 | 0.165 | 0.458 | 0.008 | 7° | 10° | 0.001-0.005 | 0.004-0.138 | ☺ | ☺ |
| DCGT3(2.5)1FS-1 | DCGT11T304FS-1 | 1 | 0.157 | 0.458 | 0.016 | 7° | 10° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ |
| DCGT3(2.5)2FS-1 | DCGT11T308FS-1 | 1 | 0.157 | 0.458 | 0.031 | 7° | 10° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ |
|  DCGW2(1.5)0.5FS-1 | DCGW070202FS-1 | 1 | 0.146 | 0.305 | 0.008 | 7° | 0° | 0.001-0.005 | 0.004-0.118 | ☺ | ☺ |
| DCGW2(1.5)1FS-1 | DCGW070204FS-1 | 1 | 0.138 | 0.305 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ |
| DCGW3(2.5)0.5FS-1 | DCGW11T302FS-1 | 1 | 0.165 | 0.458 | 0.008 | 7° | 0° | 0.001-0.005 | 0.004-0.138 | ☺ | ☺ |
| DCGW3(2.5)1FS-1 | DCGW11T304FS-1 | 1 | 0.157 | 0.458 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ |
| DCGW3(2.5)2FS-1 | DCGW11T308FS-1 | 1 | 0.157 | 0.458 | 0.031 | 7° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ |

See the ISO 1832 designation key for dimensions


Ordering example for the grade WDN10: DCGT070204FS-M1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 55° DPGW



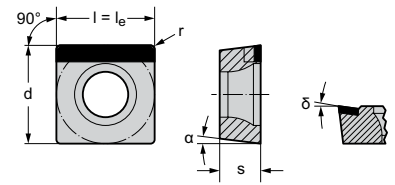
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | N | | |
|--|----------------|-------------------------|----------------------|---------|---------|-----|---------|----------------------|-------------|-------|-------|
| | | | | | | | | | DP | DP | |
|  DPGW 2(1.5)1FS-1 | DPGW070204FS-1 | 1 | 0.138 | 0.305 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.118 | WDN10 | WDN10 |
| DPGW3(2.5)1FS-1 | DPGW11T304FS-1 | 1 | 0.157 | 0.458 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ |
| DPGW3(2.5)2FS-1 | DPGW11T308FS-1 | 1 | 0.157 | 0.458 | 0.031 | 11° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ |


See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: DPGW070204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive square SCGW



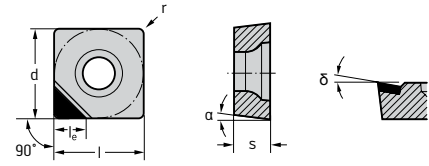
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | N | | |
|---|----------------|-------------------------|----------------------|---------|---------|----|---------|----------------------|-------------|----|---|
| | | | | | | | | | DP | DP | |
|  SCGW3(2.5)1FS-9 | SCGW09T304FS-9 | 1 | 0.374 | 0.375 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.374 | ☺ | ☺ |




See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: SCGW09T304FS-9 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive square SPGW



Indexable inserts

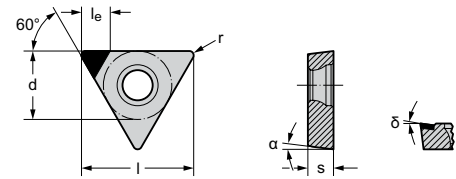
| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | α | | f in | a_p in | N | O |
|---|----------------|-------------------------|-------------|-----------|-----------|----------|----|-------------|-------------|---|---|
| | | | | | | | | | | DP | DP |
| | | | | | | | | | | WDN10 | WDN10 |
|  SPGW3(2.5)2FS-1 | SPGW09T308FS-1 | 1 | 0.157 | 0.375 | 0.031 | 11° | 0° | 0.001-0.015 | 0.004-0.138 |  |  |

See the ISO 1832 designation key for dimensions





















Ordering example for the grade WDN10: SPGW09T308FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive triangular 60° TCGW



Indexable inserts

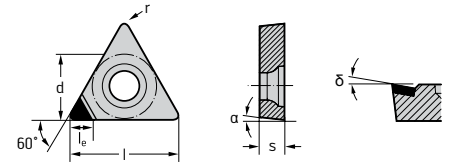
| ANSI Designation | Designation | Number of cutting edges | l_e in | l in | r in | α | | f in | a_p in | N | O |
|---|----------------|-------------------------|-------------|-----------|-----------|----------|----|-------------|-------------|---|---|
| | | | | | | | | | | DP | DP |
| | | | | | | | | | | WDN10 | WDN10 |
|  TCGW1.8(1.5)1FS-1 | TCGW090204FS-1 | 1 | 0.150 | 0.379 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.118 |  |  |
| TCGW2(1.5)0.5FS-1 | TCGW110202FS-1 | 1 | 0.173 | 0.433 | 0.008 | 7° | 0° | 0.001-0.005 | 0.004-0.118 |  |  |
| TCGW2(1.5)1FS-1 | TCGW110204FS-1 | 1 | 0.169 | 0.433 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.118 |  |  |
| TCGW2(1.5)2FS-1 | TCGW110208FS-1 | 1 | 0.157 | 0.433 | 0.031 | 7° | 0° | 0.001-0.015 | 0.004-0.118 |  |  |
| TCGW3(2.5)1FS-1 | TCGW16T304FS-1 | 1 | 0.169 | 0.650 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.138 |  |  |
| TCGW3(2.5)2FS-1 | TCGW16T308FS-1 | 1 | 0.157 | 0.650 | 0.031 | 7° | 0° | 0.001-0.015 | 0.004-0.138 |  |  |
|  TCGW1.8(1.5)1FS-9 | TCGW090204FS-9 | 1 | 0.354 | 0.379 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.354 |  |  |
| TCGW2(1.5)1FS-9 | TCGW110204FS-9 | 1 | 0.409 | 0.433 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.409 |  |  |
| TCGW3(2.5)2FS-9 | TCGW16T308FS-9 | 1 | 0.602 | 0.650 | 0.031 | 7° | 0° | 0.001-0.015 | 0.004-0.602 |  |  |

See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: TCGW090204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive triangular 60° TPGW



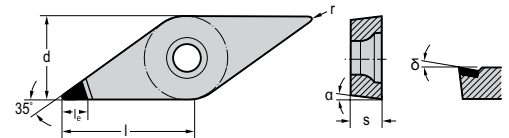
Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | N | | | |
|------------------|-----------------|-------------------------|----------------------|---------|---------|-------|---------|----------------------|-------------|-------------|---|---|
| | | | | | | | | | WDN10 | WDN10 | | |
| | TPGW2(1.5)1FS-1 | TPGW110204FS-1 | 1 | 0.165 | 0.433 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ |
| | TPGW3(2.5)1FS-1 | TPGW16T304FS-1 | 1 | 0.165 | 0.650 | 0.016 | 11° | 0° | 0.001-0.010 | 0.004-0.138 | ☺ | ☺ |
| | TPGW3(2.5)2FS-1 | TPGW16T308FS-1 | 1 | 0.157 | 0.650 | 0.031 | 11° | 0° | 0.001-0.015 | 0.004-0.138 | ☺ | ☺ |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: TPGW110204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 35° VCGT / VCGW



Indexable inserts

| ANSI Designation | Designation | Number of cutting edges | l _e in | l in | r in | α | f in | a _p in | N | | | |
|------------------|-----------------|-------------------------|----------------------|---------|---------|-------|---------|----------------------|-------------|-------------|---|---|
| | | | | | | | | | WDN10 | WDN10 | | |
| | VCGT2(2)0.5FS-1 | VCGT110302FS-1 | 1 | 0.161 | 0.436 | 0.008 | 7° | 10° | 0.001-0.005 | 0.004-0.118 | ☺ | ☺ |
| | VCGT221FS-1 | VCGT110304FS-1 | 1 | 0.146 | 0.436 | 0.016 | 7° | 10° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ |
| | VCGT331FS-1 | VCGT160404FS-1 | 1 | 0.177 | 0.654 | 0.016 | 7° | 10° | 0.001-0.010 | 0.004-0.157 | ☺ | ☺ |
| | VCGT332FS-1 | VCGT160408FS-1 | 1 | 0.177 | 0.654 | 0.031 | 7° | 10° | 0.001-0.015 | 0.004-0.157 | ☺ | ☺ |
| | VCGW2(2)0.5FS-1 | VCGW110302FS-1 | 1 | 0.161 | 0.436 | 0.008 | 7° | 0° | 0.001-0.005 | 0.004-0.118 | ☺ | ☺ |
| | VCGW221FS-1 | VCGW110304FS-1 | 1 | 0.146 | 0.436 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.118 | ☺ | ☺ |
| | VCGW222FS-1 | VCGW110308FS-1 | 1 | 0.146 | 0.436 | 0.031 | 7° | 0° | 0.001-0.015 | 0.004-0.118 | ☺ | ☺ |
| | VCGW331FS-1 | VCGW160404FS-1 | 1 | 0.177 | 0.654 | 0.016 | 7° | 0° | 0.001-0.010 | 0.004-0.157 | ☺ | ☺ |
| | VCGW332FS-1 | VCGW160408FS-1 | 1 | 0.177 | 0.654 | 0.031 | 7° | 0° | 0.001-0.015 | 0.004-0.157 | ☺ | ☺ |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: VCGT110302FS-1 WDN10

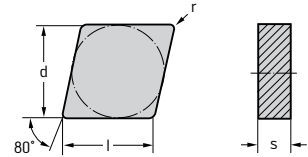
DP = Polycrystalline diamond

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert Ceramic – Negative rhombic 80°

CNGN / CNGA



Indexable inserts

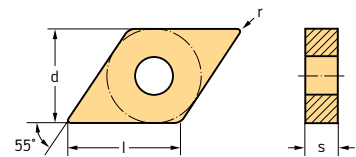
| ANSI Designation | Designation | l in | r in | f in | a _p in | Material | | | | | |
|------------------|---------------|------------------|---------|---------|----------------------|-------------|---------|-------|------------|--------|---|
| | | | | | | K CN | S CS | | H CR CC | | |
| | | | | | | WCK10 | WIS10 | WIS30 | WWS20 | WCH10C | |
| | CNGN432T01020 | CNGN120408T01020 | 0.508 | 0.031 | 0.004-0.009 | 0.004-0.142 | | | | | ☺ |
| | CNGN433T01020 | CNGN120412T01020 | 0.508 | 0.047 | 0.004-0.013 | 0.004-0.142 | | | | | ☺ |
| | CNGN452T01020 | CNGN120708T01020 | 0.508 | 0.031 | 0.004-0.009 | 0.004-0.142 | ☺ | ☺ | ☺ | ☺ | |
| | CNGN453T01020 | CNGN120712T01020 | 0.508 | 0.047 | 0.004-0.013 | 0.004-0.142 | ☺ | ☺ | ☺ | ☺ | |
| | CNGN454T01020 | CNGN120716T01020 | 0.508 | 0.063 | 0.004-0.017 | 0.004-0.142 | ☺ | ☺ | ☺ | ☺ | |
| | CNGN453T02020 | CNGN120712T02020 | 0.508 | 0.047 | 0.004-0.024 | 0.004-0.236 | ☺ | | | | |
| | CNGA431SM-MWS | CNGA120404SM-MWS | 0.508 | 0.016 | 0.002-0.010 | 0.004-0.020 | | | | | ☺ |
| | CNGA432SM-MWS | CNGA120408SM-MWS | 0.508 | 0.031 | 0.002-0.012 | 0.004-0.039 | | | | | ☺ |
| | CNGA433SM-MWS | CNGA120412SM-MWS | 0.508 | 0.047 | 0.002-0.014 | 0.004-0.039 | | | | | ☺ |
| | CNGA431SM-S | CNGA120404SM-S | 0.508 | 0.016 | 0.002-0.008 | 0.004-0.020 | | | | | ☺ |
| | CNGA432SM-S | CNGA120408SM-S | 0.508 | 0.031 | 0.002-0.010 | 0.004-0.039 | | | | | ☺ |
| | CNGA433SM-S | CNGA120412SM-S | 0.508 | 0.047 | 0.002-0.012 | 0.004-0.039 | | | | | ☺ |
| | CNGA432T02020 | CNGA120408T02020 | 0.508 | 0.031 | 0.004-0.016 | 0.004-0.236 | ☺ | | | | |
| | CNGA433T02020 | CNGA120412T02020 | 0.508 | 0.047 | 0.004-0.024 | 0.004-0.236 | ☺ | | | | |
| | CNGA434T02020 | CNGA120416T02020 | 0.508 | 0.063 | 0.004-0.024 | 0.004-0.236 | ☺ | | | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WWS20: CNGN120408T01020 WWS20

CN = Silicon nitride Si₃N₄
CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic
CC = Coated ceramic

Turning Insert Ceramic – Negative rhombic 55°

DNGA



Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | Material | |
|------------------|-------------|----------------|---------|---------|----------------------|-------------|---------|
| | | | | | | K CN | H CC |
| | | | | | | WCK10 | WCH10C |
| | DNGA431SM-S | DNGA150404SM-S | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | ☺ |
| | DNGA432SM-S | DNGA150408SM-S | 0.610 | 0.031 | 0.002-0.010 | 0.004-0.039 | ☺ |
| | DNGA441SM-S | DNGA150604SM-S | 0.610 | 0.016 | 0.002-0.008 | 0.004-0.020 | ☺ |
| | DNGA442SM-S | DNGA150608SM-S | 0.610 | 0.031 | 0.002-0.010 | 0.004-0.039 | ☺ |

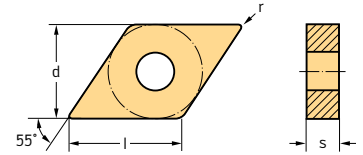
See the ISO 1832 designation key for dimensions
Ordering example for the grade WCH10C: DNGA150404SM-S WCH10C

CN = Silicon nitride Si₃N₄
CC = Coated ceramic

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert Ceramic – Negative rhombic 55° DNGA



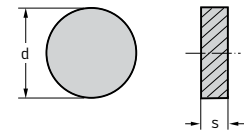
Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | ap in | Material | | |
|------------------|---------------|------------------|---------|---------|-------------|-------------|-------|--------|
| | | | | | | K | H | |
| | DNGA442T02020 | DNGA150608T02020 | 0.610 | 0.031 | 0.004-0.016 | 0.004-0.197 | WCK10 | WCH10C |
| | DNGA443T02020 | DNGA150612T02020 | 0.610 | 0.047 | 0.004-0.024 | 0.004-0.197 | WCK10 | WCH10C |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WCH10C: DNGA150404SM-S WCH10C

CN = Silicon nitride Si₃N₄
CC = Coated ceramic

Turning Insert Ceramic – Negative round RNGN



Indexable inserts

| ANSI Designation | Designation | d in | f in | ap in | Material | | | |
|------------------|--------------|------------------|---------|-------------|-------------|-------|-------|-------|
| | | | | | S | CS | CR | |
| | RNGN45E | RNGN120700E | 0.500 | 0.004-0.013 | 0.004-0.142 | WIS10 | WIS30 | WWS20 |
| | RNGN45T01020 | RNGN120700T01020 | 0.500 | 0.008-0.013 | 0.008-0.142 | WIS10 | WIS30 | WWS20 |
| | RNGN55T01020 | RNGN150700T01020 | 0.625 | 0.004-0.016 | 0.008-0.177 | WIS10 | WIS30 | WWS20 |

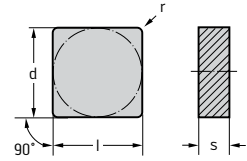
See the ISO 1832 designation key for dimensions
Ordering example for the grade WIS10: RNGN120700E WIS10

CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Turning Insert Ceramic – Negative square

SNGN / SNGA



Indexable inserts

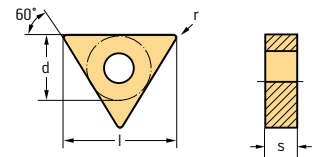
| ANSI Designation | Designation | r in | f in | a _p in | Material | | | |
|------------------|------------------|------------------|---------|----------------------|----------------|---------|---------|----|
| | | | | | K CN | S CS | H CR | CC |
| | | | | | WCK10 WIS10 | WWS20 | WCH10C | |
| | SNGN452T01020 | SNGN120708T01020 | 0.031 | 0.004-0.009 | 0.004-0.142 | | | |
| | SNGN453T01020 | SNGN120712T01020 | 0.047 | 0.004-0.013 | 0.004-0.142 | ☺ | ☺ | |
| | SNGN433T02020 | SNGN120412T02020 | 0.047 | 0.004-0.024 | 0.004-0.197 | ☺ | | |
| | SNGN434T02020 | SNGN120416T02020 | 0.063 | 0.004-0.024 | 0.004-0.197 | ☺ | | |
| | SNGN453T02020 | SNGN120712T02020 | 0.047 | 0.004-0.024 | 0.004-0.197 | ☺ | | |
| | SNGN454T02020 | SNGN120716T02020 | 0.063 | 0.004-0.031 | 0.004-0.197 | ☺ | | |
| | SNGA432SM-S | SNGA120408SM-S | 0.031 | 0.002-0.012 | 0.004-0.039 | | | ☺ |
| | SNGA433SM-S | SNGA120412SM-S | 0.047 | 0.002-0.012 | 0.004-0.039 | | | ☺ |
| | SNGA432T02020 | SNGA120408T02020 | 0.031 | 0.004-0.016 | 0.004-0.197 | ☺ | | |
| | SNGA433T02020 | SNGA120412T02020 | 0.047 | 0.004-0.024 | 0.004-0.197 | ☺ | | |
| | SNGA120416T02020 | SNGA120416T02020 | 0.063 | 0.004-0.031 | 0.004-0.197 | ☺ | | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WWS20: SNGN120708T01020 WWS20

CN = Silicon nitride Si₃N₄
CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic
CC = Coated ceramic

Turning Insert Ceramic – Negative triangular 60°

TNGA



Indexable inserts

| ANSI Designation | Designation | r in | f in | a _p in | Material | | |
|------------------|---------------|------------------|---------|----------------------|-------------|---------|---|
| | | | | | K CN | H CC | |
| | | | | | WCK10 | WCH10C | |
| | TNGA331SM-S | TNGA160404SM-S | 0.016 | 0.002-0.008 | 0.004-0.020 | | ☺ |
| | TNGA332SM-S | TNGA160408SM-S | 0.031 | 0.002-0.010 | 0.004-0.039 | | ☺ |
| | TNGA332T02020 | TNGA160408T02020 | 0.031 | 0.004-0.016 | 0.004-0.197 | ☺ | |
| | TNGA333T02020 | TNGA160412T02020 | 0.047 | 0.004-0.024 | 0.004-0.197 | ☺ | |

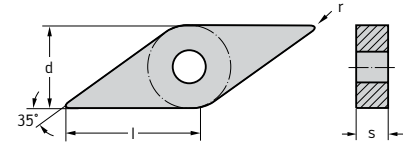
See the ISO 1832 designation key for dimensions
Ordering example for the grade WCH10C: TNGA160404SM-S WCH10C

CN = Silicon nitride Si₃N₄
CC = Coated ceramic

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert Ceramic – Negative rhombic 35° VNGA



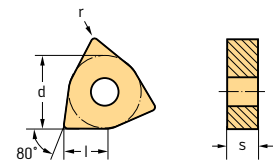
Indexable inserts

| ANSI Designation | Designation | l in | r in | f in | a _p in | WCH10C | H CC |
|------------------|-------------|----------------|---------|---------|----------------------|-------------|---------|
| | VNGA331SM-S | VNGA160404SM-S | 0.654 | 0.016 | 0.002-0.008 | 0.004-0.020 | ☺ |
| | VNGA332SM-S | VNGA160408SM-S | 0.654 | 0.031 | 0.002-0.009 | 0.004-0.020 | ☺ |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WCH10C: VNGA160404SM-S WCH10C

CC = Coated ceramic

Turning Insert Ceramic – Negative Trigon 80° WNGA



Indexable inserts

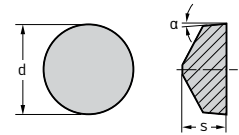
| ANSI Designation | Designation | l in | r in | f in | a _p in | WCK10 | WCH10C | K CN | H CC |
|------------------|---------------|------------------|---------|---------|----------------------|-------------|--------|---------|---------|
| | WNGA431SM-S | WNGA080404SM-S | 0.342 | 0.016 | 0.002-0.008 | 0.004-0.020 | ☺ | ☺ | |
| | WNGA432SM-S | WNGA080408SM-S | 0.342 | 0.031 | 0.002-0.010 | 0.004-0.039 | ☺ | ☺ | |
| | WNGA432T02020 | WNGA080408T02020 | 0.342 | 0.031 | 0.004-0.016 | 0.004-0.197 | ☺ | ☺ | |
| | WNGA433T02020 | WNGA080412T02020 | 0.342 | 0.047 | 0.004-0.024 | 0.004-0.197 | ☺ | ☺ | |

See the ISO 1832 designation key for dimensions
Ordering example for the grade WCH10C: WNGA080404SM-S WCH10C



CN = Silicon nitride Si₃N₄
CC = Coated ceramic

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Turning Insert Ceramic – Positive round RCGX



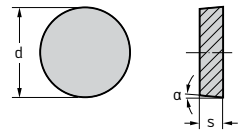
Indexable inserts

| ANSI Designation | Designation | d in | α | f in | a_p in | S | | |
|---|--------------|---------|----------|-----------|-------------|-------|----|----|
| | | | | | | WIS10 | CS | CR |
|  | RCGX24E | 6.35 | 7° | 0.10–0.15 | 0.1–1.8 | ☹ | ☹ | ☹ |
| | RCGX32E | 0.375 | 7° | 0.10–0.25 | 0.1–2.4 | ☹ | ☹ | ☹ |
| | RCGX42E | 0.500 | 7° | 0.10–0.32 | 0.1–3.6 | ☹ | ☹ | ☹ |
|  | RCGX24T01020 | 0.250 | 7° | 0.10–0.20 | 0.2–1.8 | ☹ | ☹ | ☹ |
| | RCGX32T01020 | 0.375 | 7° | 0.10–0.25 | 0.2–2.4 | ☹ | ☹ | ☹ |
| | RCGX42T01020 | 0.500 | 7° | 0.10–0.32 | 0.2–3.6 | ☹ | ☹ | ☹ |



See the ISO 1832 designation key for dimensions
Ordering example for the grade WIS30: RCGX060600E WIS30

CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

Turning Insert Ceramic – Positive round RPGN



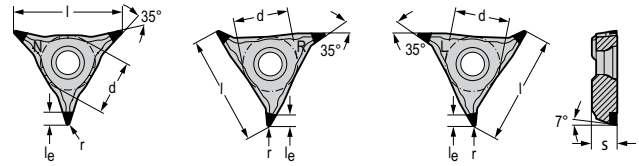
Indexable inserts

| ANSI Designation | Designation | d in | α | f in | a_p in | S | |
|---|--------------|---------|----------|-------------|-------------|-------|----|
| | | | | | | WIS10 | CS |
|  | RPGN33E | 0.375 | 11° | 0.004-0.008 | 0.004-0.094 | ☹ | ☹ |
| | RPGN43E | 0.500 | 11° | 0.004-0.012 | 0.004-0.142 | ☹ | ☹ |
|  | RPGN33T01020 | 0.375 | 11° | 0.004-0.010 | 0.008-0.094 | ☹ | ☹ |
| | RPGN43T01020 | 0.500 | 11° | 0.004-0.013 | 0.008-0.142 | ☹ | ☹ |




See the ISO 1832 designation key for dimensions
Ordering example for the grade WIS10: RPGN090300E WIS10

CS = Uncoated ceramic SiAlON

CBN – Indexable inserts copy turning system WL...-VC...



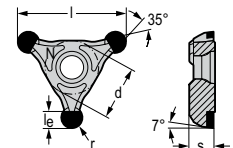
Indexable inserts

| Designation | Number of cutting edges | r in | l in | le in | f in | ap in | H | |
|---|-------------------------|-------|-------|-------|-------------|-------------|----|--------|
| | | | | | | | BC | WBH20C |
|  WL25-VC0704NTM-3 WL25-VC0708NTM-3 | 3 | 0.016 | 0.984 | 0.118 | 0.002-0.008 | 0.004-0.020 | ⊕ | ⊕ |
| | 3 | 0.032 | 0.984 | 0.118 | 0.002-0.010 | 0.004-0.020 | ⊕ | ⊕ |
|  WL25-VC0704RTM-3 WL25-VC0708RTM-3 | 3 | 0.016 | 0.984 | 0.118 | 0.002-0.008 | 0.004-0.020 | ⊕ | ⊕ |
| | 3 | 0.032 | 0.984 | 0.118 | 0.002-0.010 | 0.004-0.020 | ⊕ | ⊕ |
|  WL25-VC0704LTM-3 WL25-VC0708LTM-3 | 3 | 0.016 | 0.984 | 0.118 | 0.002-0.008 | 0.004-0.020 | ⊕ | ⊕ |
| | 3 | 0.032 | 0.984 | 0.118 | 0.002-0.010 | 0.004-0.020 | ⊕ | ⊕ |


Ordering example for the grade WBH20C: WL25-VC0704NTM-3 WBH20C

BC = coated CBN

CBN – Indexable inserts copy turning system WL...-RC...



Indexable inserts

| Designation | Number of cutting edges | r in | l in | le in | f in | ap in | H | |
|---|-------------------------|-------|-------|-------|-------------|-------------|----|--------|
| | | | | | | | BC | WBH20C |
|  WL25-RC0420NTM-3 WL25-RC0525NTM-3 | 0.118 | 0.079 | 0.984 | 0.126 | 0.001-0.020 | 0.004-0.079 | ⊕ | ⊕ |
| | 0.118 | 0.098 | 0.984 | 0.197 | 0.001-0.020 | 0.004-0.098 | ⊕ | ⊕ |

Ordering example for the grade WBH20C: WL25-RC0420NTM-3 WBH20C

BC = coated CBN

WALTER SELECT Optimum indexable insert for → Good = ⊕ → Average = ⊕ → Poor = ⊕ machining conditions

Square-shank turning toolholders – Negative basic shape

| | | | | |
|--------------------------|--|--|--|--|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | DCLN | DCLN...-P | PCLN | DCBN |
| Approach angle | 95° | 95° | 95° | 75° |
| Clamping system | Claw | Claw | Lever-type | Claw |
| Coolant supply | External | Precision cooling | External | External |
| Shank size h [mm] | 16–32 | 20–32 | 16–50 | 25–32 |
| Shank size h [Inch] | 0.625–1.500 | 0.750–1.000 | | |
| Insert size l [mm] | 9–19 | 12–16 | 9–25 | 12–19 |
| Insert size l [1/8 inch] | 3–6 | 4–5 | 3–8 | 4–6 |
| Page in catalog | A 105 | A 105 | A 110 | A 112 |
| QR code | | | | |
| | www.walter-tools.com/woc/ DCLN | www.walter-tools.com/woc/ DCLN-P | www.walter-tools.com/woc/ PCLN | www.walter-tools.com/woc/ DCBN |

| | | | | |
|--------------------------|--|--|--|--|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | DCKN | DCRN | PCBN | PCKN |
| Approach angle | 75° | 75° | 75° | 75° |
| Clamping system | Claw | Claw | Lever-type | Lever-type |
| Coolant supply | External | External | External | External |
| Shank size h [mm] | 25–32 | | 25–32 | 25 |
| Shank size h [Inch] | 1.000–1.250 | 1.000–1.250 | | |
| Insert size l [mm] | 12–16 | 12–19 | 12–19 | 12 |
| Insert size l [1/8 inch] | 4–5 | 4–6 | 4–6 | 4 |
| Page in catalog | A 115 | A 113 | A 114 | A 117 |
| QR code | | | | |
| | www.walter-tools.com/woc/ DCKN | www.walter-tools.com/woc/ DCRN | www.walter-tools.com/woc/ PCBN | www.walter-tools.com/woc/ PCKN |

Square-shank turning toolholders – Negative basic shape

| | | | | |
|--------------------------|---|----------|-------------|-------------|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | PCSN | DDHN | DDQN | DDJN |
| Approach angle | 45° | 107.5° | 107.5° | 93° |
| Clamping system | Lever-type | Claw | Claw | Claw |
| Coolant supply | External | External | External | External |
| Shank size h [mm] | 25 | 20–25 | | 20–32 |
| Shank size h [Inch] | | | 1.000–1.250 | 0.625–1.500 |
| Insert size l [mm] | 12 | 15 | 15 | 11–15 |
| Insert size l [1/8 inch] | 4 | 4 | 4 | 3–4 |
| Page in catalog | A 118 | A 119 | A 120 | A 121 |
| QR code | | | | |
| | www.walter-tools.com/woc/ PCSN | DDHN | DDQN | DDJN |

| | | | | |
|--------------------------|---|------------|----------|-------------|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | DDJN...-P | PDJN | DDNN | DDPN |
| Approach angle | 93° | 93° | 62.5° | 62.5° |
| Clamping system | Claw | Lever-type | Claw | Claw |
| Coolant supply | Precision cooling | External | External | External |
| Shank size h [mm] | 20–25 | 16–32 | 20–32 | |
| Shank size h [Inch] | 0.750–1.000 | | | 0.750–1.250 |
| Insert size l [mm] | 11–15 | 11–15 | 11–15 | 15 |
| Insert size l [1/8 inch] | 3–4 | 3–4 | 3–4 | 4 |
| Page in catalog | A 121 | A 127 | A 128 | A 126 |
| QR code | | | | |
| | www.walter-tools.com/woc/ DDJN-P | PDJN | DDNN | DDPN |

Square-shank turning toolholders – Negative basic shape

| Type | | | | |
|--|----------|----------|-------------|-------------------|
| Machining | | | | |
| | | | | |
| Designation | DSBN | DSKN | DSRN | DSBN...-P |
| Approach angle | 75° | 75° | 75° | 75° |
| Clamping system | Claw | Claw | Claw | Claw |
| Coolant supply | External | External | External | Precision cooling |
| Shank size h [mm] | 25–40 | 25–32 | | 25 |
| Shank size h [Inch] | | | 0.750–1.500 | |
| Insert size l [mm] | 12–19 | 12–15 | 12–25 | 12 |
| Insert size l [1/8 inch] | 4–6 | 4–5 | 4–8 | 4 |
| Page in catalog | A 129 | A 133 | A 131 | A 129 |
| QR code | | | | |
| www.walter-tools.com/woc/ | DSBN | DSKN | DSRN | DSBN-P |

| Type | | | | |
|--|------------|------------|-------------|----------|
| Machining | | | | |
| | | | | |
| Designation | PSBN | PSKN | DSDN | DSSN |
| Approach angle | 75° | 75° | 45° | 45° |
| Clamping system | Lever-type | Lever-type | Claw | Claw |
| Coolant supply | External | External | External | External |
| Shank size h [mm] | 20–50 | 20–32 | 20–32 | 20–32 |
| Shank size h [Inch] | | | 0.625–1.500 | 1.000 |
| Insert size l [mm] | 12–25 | 12–19 | 9–25 | 12–19 |
| Insert size l [1/8 inch] | 4–8 | 4–6 | 3–8 | 4–6 |
| Page in catalog | A 132 | A 134 | A 139 | A 135 |
| QR code | | | | |
| www.walter-tools.com/woc/ | PSBN | PSKN | DSDN | DSSN |

Square-shank turning toolholders – Negative basic shape

| Type | | | | |
|--------------------------|--|------------|------------|-------------|
| Machining | | | | |
| | | | | |
| Designation | DSSN...-P | PSDN | PSSN | DTJN |
| Approach angle | 45° | 45° | 45° | 93° |
| Clamping system | Claw | Lever-type | Lever-type | Claw |
| Coolant supply | Precision cooling | External | External | External |
| Shank size h [mm] | 25 | 12–40 | 16–32 | |
| Shank size h [Inch] | | | | 0.750–1.250 |
| Insert size l [mm] | 12 | 9–25 | 9–19 | 16–27 |
| Insert size l [1/8 inch] | 4 | 3–8 | 3–6 | 3–5 |
| Page in catalog | A 135 | A 141 | A 138 | A 146 |
| QR code | | | | |
| | www.walter-tools.com/woc/ | DSSN-P | PSDN | PSSN |
| | | | | DTJN |

| Type | | | | |
|--------------------------|--|----------|----------|-------------------|
| Machining | | | | |
| | | | | |
| Designation | MTJN | DTFN | DTGN | DTGN...-P |
| Approach angle | 93° | 91° | 91° | 91° |
| Clamping system | Claw | Claw | Claw | Claw |
| Coolant supply | External | External | External | Precision cooling |
| Shank size h [mm] | 20–32 | | 20–32 | 20–25 |
| Shank size h [Inch] | | 1.000 | | |
| Insert size l [mm] | 16–22 | 22 | 16–22 | 16 |
| Insert size l [1/8 inch] | 3–4 | 4 | 3–4 | 3 |
| Page in catalog | A 142 | A 143 | A 144 | A 144 |
| QR code | | | | |
| | www.walter-tools.com/woc/ | MTJN | DTFN | DTGN |
| | | | | DTGN-P |

Square-shank turning toolholders – Negative basic shape

| Type | | | | |
|--------------------------|--|--|--|--|
| Machining | | | | |
| | | | | |
| Designation | PTFN | PTGN | DVPN | DVTN |
| Approach angle | 91° | 91° | 117.5° | 117.5° |
| Clamping system | Lever-type | Lever-type | Claw | Claw |
| Coolant supply | External | External | External | External |
| Shank size h [mm] | 16–25 | 16–40 | 25–32 | |
| Shank size h [Inch] | | | | 0.750–1.250 |
| Insert size l [mm] | 16 | 11–27 | 16 | 16 |
| Insert size l [1/8 inch] | 3 | 2–5 | 3 | 3 |
| Page in catalog | A 148 | A 147 | A 149 | A 156 |
| QR code | | | | |
| | www.walter-tools.com/woc/ PTFN | www.walter-tools.com/woc/ PTGN | www.walter-tools.com/woc/ DVPN | www.walter-tools.com/woc/ DVTN |

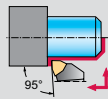
| Type | | | | |
|--------------------------|--|--|--|--|
| Machining | | | | |
| | | | | |
| Designation | DVJN | DVJN...-P | DVVN | DWLN |
| Approach angle | 93° | 93° | 72.5° | 95° |
| Clamping system | Claw | Claw | Claw | Claw |
| Coolant supply | External | Precision cooling | External | External |
| Shank size h [mm] | 20–32 | 20–25 | 20–32 | 16–32 |
| Shank size h [Inch] | 0.750–1.250 | 0.750–1.000 | 0.750–1.250 | 0.750–1.250 |
| Insert size l [mm] | 16 | 16 | 16 | 6–10 |
| Insert size l [1/8 inch] | 3 | 3 | 3 | 3–5 |
| Page in catalog | A 150 | A 150 | A 154 | A 157 |
| QR code | | | | |
| | www.walter-tools.com/woc/ DVJN | www.walter-tools.com/woc/ DVJN-P | www.walter-tools.com/woc/ DVVN | www.walter-tools.com/woc/ DWLN |

Square-shank turning toolholders – Negative basic shape

Type



Machining



| Designation | DWLN...-P | PWLN |
|--------------------------|-------------------|------------|
| Approach angle | 95° | 95° |
| Clamping system | Claw | Lever-type |
| Coolant supply | Precision cooling | External |
| Shank size h [mm] | 20–25 | 16–32 |
| Shank size h [Inch] | 0.750–1.000 | |
| Insert size l [mm] | 8 | 6–10 |
| Insert size l [1/8 inch] | 4 | 3–5 |
| Page in catalog | A 157 | A 161 |

QR code


www.walter-tools.com/woc/

DWLN-P

PWLN

Square-shank turning toolholders – Positive basic shape

| Type | | | | | |
|--------------------------|--|-------------------|-------------------|----------|------|
| Machining | | | | | |
| | | | | | |
| Designation | SCLC | SCLC...-P | SCLC...-S-P | SDHC | |
| Approach angle | 95° | 95° | 95° | 107.5° | |
| Clamping system | Screw | Screw | Screw | Screw | |
| Coolant supply | External | Precision cooling | Precision cooling | External | |
| Shank size h [mm] | 10–25 | 20–25 | 10–16 | 12–25 | |
| Shank size h [Inch] | 0.375–1.250 | 0.750–1.000 | | | |
| Insert size l [mm] | 6–12 | 9 | 6–9 | 7–11 | |
| Insert size l [1/8 inch] | 2–4 | 3 | 2–3 | 2–3 | |
| Page in catalog | A 162 | A 162 | A 162 | A 167 | |
| QR code | | | | | |
| | www.walter-tools.com/woc/ | SCLC | SCLC-P | SCLC-S-P | SDHC |

| Type | | | | | |
|--------------------------|--|-------------------|-------------------|-------------------|--------|
| Machining | | | | | |
| | | | | | |
| Designation | SDJC | SDJC...-P | SDJC...-S-P | DDJC...-P | |
| Approach angle | 93° | 93° | 93° | 93° | |
| Clamping system | Screw | Screw | Screw | Claw | |
| Coolant supply | External | Precision cooling | Precision cooling | Precision cooling | |
| Shank size h [mm] | 10–25 | 20–25 | 10–16 | 20–25 | |
| Shank size h [Inch] | 0.375–1.000 | 0.750–1.000 | | | |
| Insert size l [mm] | 7–11 | 11 | 7–11 | 11 | |
| Insert size l [1/8 inch] | 2–3 | 3 | 2–3 | 3 | |
| Page in catalog | A 168 | A 168 | A 168 | A 173 | |
| QR code | | | | | |
| | www.walter-tools.com/woc/ | SDJC | SVJC-P | SVJC-S-P | DDJC-P |

Square-shank turning toolholders – Positive basic shape

| | | |
|-----------|--|--|
| Type | | |
| Machining | | |



| Designation | SDNC | SDNC...-P | SRAC | SRDC |
|--------------------------|----------|-------------------|-------------|-------------|
| Approach angle | 62.5° | 62.5° | 0° | 0° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | External | Precision cooling | External | External |
| Shank size h [mm] | 10–25 | 12–16 | | 12–32 |
| Shank size h [Inch] | | | 1.000–1.250 | 0.500–1.250 |
| Insert size l [mm] | 7–11 | 7–11 | 6–12 | 6–16 |
| Insert size l [1/8 inch] | 2–3 | 2–3 | 2–4 | 2–5 |
| Page in catalog | A 174 | A 175 | A 176 | A 177 |

| | | | | |
|---------|--|------|--------|------|
| QR code | | | | |
| | www.walter-tools.com/woc/ | SDNC | SDNC-P | SRAC |
| | | | | SRDC |



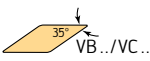
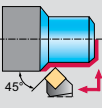
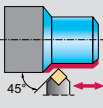
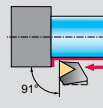
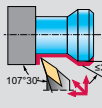








| | | | |
|-----------|--|--|--|
| Type | | | |
| Machining | | | |

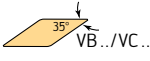
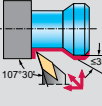
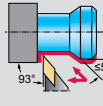










| Designation | SRGC | SRSC | PRDC | PRGC |
|--------------------------|----------|----------|------------|------------|
| Approach angle | 0° | 0° | 0° | 0° |
| Clamping system | Screw | Screw | Lever-type | Lever-type |
| Coolant supply | External | External | External | External |
| Shank size h [mm] | | 20–32 | 20–50 | 20–40 |
| Shank size h [Inch] | 1.000 | 1.000 | | |
| Insert size l [mm] | 12 | 6–16 | 10–32 | 10–25 |
| Insert size l [1/8 inch] | 4 | 2–5 | | |
| Page in catalog | A 182 | A 180 | A 179 | A 183 |

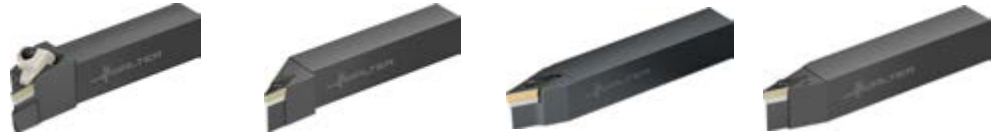
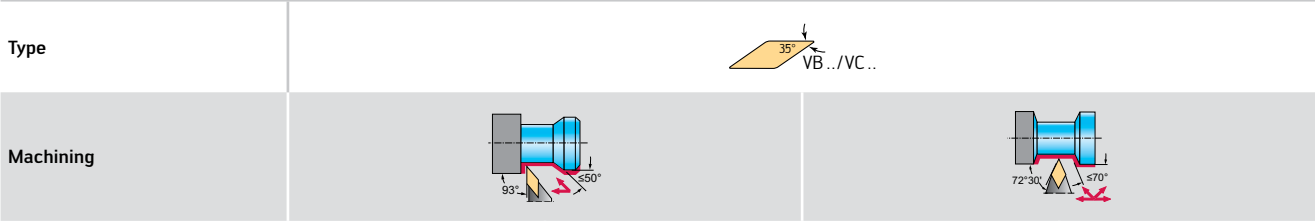
| | | | | |
|---------|--|------|------|------|
| QR code | | | | |
| | www.walter-tools.com/woc/ | SRGC | SRSC | PRDC |
| | | | | PRGC |

Square-shank turning toolholders – Positive basic shape

| Type |  |  |  | |
|--------------------------|--|---|---|--|
| Machining |  |  |  |  |
| |  |  |  |  |
| Designation | SSDC | SSDCN | STGC | SVHB |
| Approach angle | 45° | 45° | 91° | 107.5° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | External | External | External | External |
| Shank size h [mm] | 16–25 | 12–25 | 12–25 | 16–32 |
| Shank size h [Inch] | | 0.375–0.750 | 0.375–1.000 | |
| Insert size l [mm] | 9–12 | 6–12 | 11–16 | 11–16 |
| Insert size l [1/8 inch] | 3–4 | 2–4 | 2–3 | 2–3 |
| Page in catalog | A 184 | A 184 | A 187 | A 189 |
| QR code |  |  |  |  |
| | www.walter-tools.com/woc/ SSDC | www.walter-tools.com/woc/ SSDCN | www.walter-tools.com/woc/ STGC | www.walter-tools.com/woc/ SVHB |

| Type |  | | | |
|--------------------------|--|--|--|---|
| Machining |  |  | | |
| |  |  |  |  |
| Designation | PVHB | SVJB | SVJB...-P | SVJB...-S-P |
| Approach angle | 107.5° | 93° | 93° | 93° |
| Clamping system | Lever-type | Screw | Screw | Screw |
| Coolant supply | External | External | Precision cooling | Precision cooling |
| Shank size h [mm] | 16–32 | 12–32 | 20–25 | 10–16 |
| Shank size h [Inch] | | 0.500–1.000 | | |
| Insert size l [mm] | 11–16 | 11–16 | 16 | 11 |
| Insert size l [1/8 inch] | 2–3 | 2–3 | 3 | 2 |
| Page in catalog | A 190 | A 191 | A 191 | A 191 |
| QR code |  |  |  |  |
| | www.walter-tools.com/woc/ PVHB | www.walter-tools.com/woc/ SVJB | www.walter-tools.com/woc/ SVJB-P | www.walter-tools.com/woc/ SVJB-S-P |

Square-shank turning toolholders – Positive basic shape



| Designation | DVJB...-P | PVJB | SVVB | PVVB |
|--------------------------|-------------------|------------|-------------|------------|
| Approach angle | 93° | 93° | 72.5° | 72.5° |
| Clamping system | Claw | Lever-type | Screw | Lever-type |
| Coolant supply | Precision cooling | External | External | External |
| Shank size h [mm] | 20–25 | 16–32 | 12–32 | 20–32 |
| Shank size h [Inch] | | | 0.750–1.000 | |
| Insert size l [mm] | 16 | 11–16 | 11–16 | 11–16 |
| Insert size l [1/8 inch] | 3 | 2–3 | 2–3 | 2–3 |
| Page in catalog | A 195 | A 196 | A 197 | A 199 |

QR code





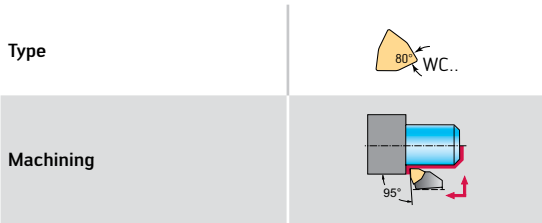

www.walter-tools.com/woc/

DVJB-P

PVJB

SVVB

PVVB



| Designation | SWLC |
|--------------------------|----------|
| Approach angle | 95° |
| Clamping system | Screw |
| Coolant supply | External |
| Shank size h [mm] | 12–25 |
| Shank size h [Inch] | |
| Insert size l [mm] | 4–8 |
| Insert size l [1/8 inch] | 2–4 |
| Page in catalog | A 200 |

QR code



www.walter-tools.com/woc/

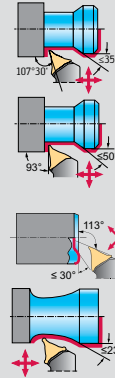
SWLC

Shank tool – WL Copy turning system

Type



Machining



| Designation | W1011 | W1011...-P | W1011...-S-P |
|---------------------|----------|-------------------|-------------------|
| Approach angle | 107.5° | 107.5° | 107.5° |
| Clamping system | Screw | Screw | Screw |
| Coolant supply | External | Precision cooling | Precision cooling |
| Shank size h [mm] | 16–25 | 16–32 | 12–16 |
| Shank size h [Inch] | | 0.750–1.000 | |
| Insert size l [mm] | 25 | 17–25 | 17 |
| Page in catalog | A 202 | A 202 | A 205 |

QR code


www.walter-tools.com/woc/

W1011

W1011-P

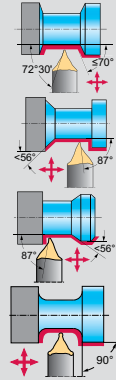
W1011-S-P

Shank tool – WL Copy turning system

Type



Machining



| | |
|---------------------|-------------------|
| Designation | W1010...-P |
| Approach angle | 72.5° |
| Clamping system | Screw |
| Coolant supply | Precision cooling |
| Shank size h [mm] | 16–25 |
| Shank size h [Inch] | 0.750–1.000 |
| Insert size l [mm] | 17–25 |
| Page in catalog | A 206 |

QR code


www.walter-tools.com/woc/

W1010-P

Square-shank turning toolholders – Ceramic indexable inserts

| Type |  RC../RP.. |  RN.. | | |
|--------------------------|---|--|---|--|
| Machining |  |  |  | |
| |  |  |  |  |
| Designation | CRDC | CRDN | CRSN | CRSN...-P |
| Approach angle | 0° | 0° | 0° | 0° |
| Clamping system | Claw | Claw | Claw | Claw |
| Coolant supply | External | External | External | Precision cooling |
| Shank size h [mm] | 32 | 25–32 | 25–32 | 25 |
| Shank size h [Inch] | | | | |
| Insert size l [mm] | 9–12 | 12 | 12–15 | 12 |
| Insert size l [1/8 inch] | 3–4 | 4 | 4–5 | 4 |
| Page in catalog | A 211 | A 210 | A 208 | A 208 |
| QR code |  |  |  |  |
| | www.walter-tools.com/woc/ | | | |
| | CRDC | CRDN | CRSN | CRSN-P |

Walter Capto™ turning toolholders – Negative basic shape

| | | | | |
|--|-----------|-------------------|------------|-------------------|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | C...-DCLN | C...-DCLN...-P | C...-PCLN | C...-DDHN...-P |
| Approach angle | 95° | 95° | 95° | 107,5° |
| Clamping system | Claw | Claw | Lever-type | Claw |
| Coolant supply | Internal | Precision cooling | Internal | Precision cooling |
| Walter Capto™ size | C4–C8 | C4–C8 | C3–C8 | C6 |
| Insert size l [mm] | 12–19 | 12–16 | 12–25 | 15 |
| Insert size l [1/8 inch] | 4–6 | 4–5 | 4–8 | 4 |
| Page in catalog | A 212 | A 212 | A 215 | A 216 |
| QR code | | | | |
| www.walter-tools.com/woc/ | C-DCLN | C-DCLN-P | C-PCLN | C-DDHN-P |

| | | | | |
|--|-----------|-----------|-------------------|-------------------|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | C...-DDJN | C...-DDUN | C...-DDJN...-P | C...-DDUN...-P |
| Approach angle | 93° | 93° | 93° | 93° |
| Clamping system | Claw | Claw | Claw | Claw |
| Coolant supply | Internal | Internal | Precision cooling | Precision cooling |
| Walter Capto™ size | C4–C8 | C4–C8 | C4–C8 | C6 |
| Insert size l [mm] | 11–15 | 15 | 11–15 | 15 |
| Insert size l [1/8 inch] | 3–4 | 4 | 3–4 | 4 |
| Page in catalog | A 217 | A 220 | A 217 | A 220 |
| QR code | | | | |
| www.walter-tools.com/woc/ | C-DDJN | C-DDUN | C-DDJN-P | C-DDUN-P |

Walter Capto™ turning toolholders – Negative basic shape

| | | | | |
|--|------------|-----------|-----------|------------|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | C...-PDJN | C...-DSKN | C...-DSRN | C...-PSKN |
| Approach angle | 93° | 75° | 75° | 75° |
| Clamping system | Lever-type | Claw | Claw | Lever-type |
| Coolant supply | Internal | Internal | Internal | Internal |
| Walter Capto™ size | C3–C6 | C4–C8 | C4–C8 | C6–C8 |
| Insert size l [mm] | 11–15 | 12–19 | 12–25 | 15–19 |
| Insert size l [1/8 inch] | 3–4 | 4–6 | 4–8 | 5–6 |
| Page in catalog | A 219 | A 225 | A 222 | A 226 |
| QR code | | | | |
| www.walter-tools.com/woc/ | C-PDJN | C-DSKN | C-DSRN | C-PSKN |
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | C...-PSRN | C...-DSDN | C...-DSSN | C...-MTJN |
| Approach angle | 75° | 45° | 45° | 93° |
| Clamping system | Lever-type | Claw | Claw | Claw |
| Coolant supply | Internal | Internal | Internal | Internal |
| Walter Capto™ size | C6–C8 | C4–C8 | C4–C6 | C4–C6 |
| Insert size l [mm] | 19–25 | 12–25 | 12–19 | 16–22 |
| Insert size l [1/8 inch] | 6–8 | 4–8 | 4–6 | 3–4 |
| Page in catalog | A 224 | A 228 | A 227 | A 229 |
| QR code | | | | |
| www.walter-tools.com/woc/ | C-PSRN | C-DSDN | C-DSSN | C-MTJN |

Walter Capto™ turning toolholders – Negative basic shape

| | | | | |
|--------------------------|--|--|--|--|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | C...-DTGN...-P | C...-DVJN | C...-DVJN...-P | C...-DWLN |
| Approach angle | 91° | 93° | 93° | 95° |
| Clamping system | Claw | Claw | Claw | Claw |
| Coolant supply | Precision cooling | Internal | Precision cooling | Internal |
| Walter Capto™ size | C4 | C4–C8 | C4–C6 | C4–C6 |
| Insert size l [mm] | 16 | 16 | 16 | 6–10 |
| Insert size l [1/8 inch] | 3 | 3 | 3 | 3–5 |
| Page in catalog | A 230 | A 231 | A 231 | A 233 |
| QR code | | | | |
| | www.walter-tools.com/woc/C-DTGN-P | www.walter-tools.com/woc/C-DVJN | www.walter-tools.com/woc/C-DVJN-P | www.walter-tools.com/woc/C-DWLN |

| | | |
|--------------------------|--|--|
| Type | | |
| Machining | | |
| | | |
| Designation | C...-DWLN...-P | C...-PWLN |
| Approach angle | 95° | 95° |
| Clamping system | Claw | Lever-type |
| Coolant supply | Precision cooling | Internal |
| Walter Capto™ size | C4–C6 | C3–C6 |
| Insert size l [mm] | 8 | 6–10 |
| Insert size l [1/8 inch] | 4 | 3–5 |
| Page in catalog | A 233 | A 235 |
| QR code | | |
| | www.walter-tools.com/woc/C-DWLN-P | www.walter-tools.com/woc/C-PWLN |

Walter Capto™ turning toolholders – Positive basic shape

| Type | | | | | |
|--|-----------|-----------|-------------------|-----------|--|
| Machining | | | | | |
| | | | | | |
| Designation | C...-SCLC | C...-SDJC | C...-DDJC...-P | C...-SDNC | |
| Approach angle | 95° | 93° | 93° | 62,5° | |
| Clamping system | Screw | Screw | Claw | Screw | |
| Coolant supply | Internal | Internal | Precision cooling | Internal | |
| Walter Capto™ size | C3–C6 | C3–C6 | C4–C5 | C3–C5 | |
| Insert size l [mm] | 9–12 | 7–11 | 11 | 11 | |
| Insert size l [1/8 inch] | 3–4 | 2–3 | 3 | 3 | |
| Page in catalog | A 236 | A 238 | A 237 | A 239 | |
| QR code | | | | | |
| www.walter-tools.com/woc/ | C-SCLC | C-SDJC | C-DDJC-P | C-SDNC | |
| Type | | | | | |
| Machining | | | | | |
| | | | | | |
| Designation | C...-SRDC | C...-SRSC | C...-PRSC | C...-STGC | |
| Approach angle | 0° | 0° | 0° | 91° | |
| Clamping system | Screw | Screw | Lever-type | Screw | |
| Coolant supply | Internal | Internal | Internal | Internal | |
| Walter Capto™ size | C3–C6 | C4–C6 | C5–C8 | C4–C5 | |
| Insert size l [mm] | 6–16 | 6–16 | 16–25 | 11–16 | |
| Insert size l [1/8 inch] | | | | | |
| Page in catalog | A 240 | A 241 | A 242 | A 243 | |
| QR code | | | | | |
| www.walter-tools.com/woc/ | C-SRDC | C-SRSC | C-PRSC | C-STGC | |

Walter Capto™ turning toolholders – Positive basic shape

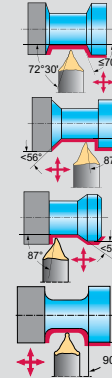
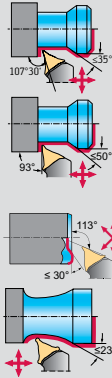
| | | | | |
|---------------------------|-----------|-----------|-------------------|-----------|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | C...-SVHB | C...-SVJB | C...-DVJB...-P | C...-SVVB |
| Approach angle | 107.5° | 93° | 93° | 72.5° |
| Clamping system | Screw | Screw | Claw | Screw |
| Coolant supply | Internal | Internal | Precision cooling | Internal |
| Walter Capto™ size | C3–C6 | C3–C6 | C4–C8 | C4–C6 |
| Insert size l [mm] | 11–16 | 11–16 | 16 | 11–16 |
| Insert size l [1/8 inch] | | 2–3 | 3 | 2–3 |
| Page in catalog | A 244 | A 245 | A 246 | A 247 |
| QR code | | | | |
| www.walter-tools.com/woc/ | C-SVHB | C-SVJB | C-DVJB-P | C-SVVB |



Walter Capto™ – WL copy turn system

Type



Machining



| | | | |
|--------------------|--|--|--|
| Designation | W1011-C...-P | W1010-C...-P | |
| Approach angle | 107.5° | 72.5° | |
| Clamping system | Screw | Screw | |
| Coolant supply | Precision cooling | Precision cooling | |
| Walter Capto™ size | C4-C6 | C4-C6 | |
| Insert size l [mm] | 25 | 25 | |
| Page in catalog | A 248 | A 249 | |
| QR code |  |  | |
| | www.walter-tools.com/woc/W1011-C-P | www.walter-tools.com/woc/W1010-C-P | |

Square-shank turning toolholders – Ceramic indexable inserts

| | | |
|-----------|--|--|
| Type |  RN.. | |
| Machining |  | |



| | | |
|--------------------------|-------------------|--|
| Designation | C...-CRSN...-P | |
| Approach angle | 0° | |
| Clamping system | Claw | |
| Coolant supply | Precision cooling | |
| Walter Capto™ size | C6 | |
| Insert size l [mm] | 12 | |
| Insert size l [1/8 inch] | 4 | |
| Page in catalog | A 251 | |

QR code


www.walter-tools.com/woc/

C-CRSN-P

Walter Capto™ turning toolholders – Turning and milling centers

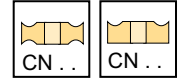
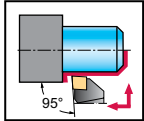
| Type | | | | |
|--|-----------|-----------|-----------|-----------|
| Machining | | | | |
| | | | | |
| Designation | C...-SCMC | C...-DCMN | C...-DDMN | C...-SRDC |
| Approach angle | 95° | 95° | 93° | 0° |
| Clamping system | Screw | Claw | Claw | Screw |
| Coolant supply | axial | axial | axial | Internal |
| Walter Capto™ size | C6 | C5–C8 | C5–C8 | C6 |
| Insert size l [mm] | 12 | 12–16 | 15 | 10–16 |
| Insert size l [1/8 inch] | 4 | 4–5 | 5 | |
| Page in catalog | A 255 | A 252 | A 253 | A 240 |
| QR code | | | | |
| www.walter-tools.com/woc/ | C-SCMC | C-DCMN | C-DDMN | C-SRDC |

| Type | | |
|--|-----------|-----------|
| Machining | | |
| | | |
| Designation | C...-SVMB | C...-DVMN |
| Approach angle | 95° | 95° |
| Clamping system | Screw | Claw |
| Coolant supply | axial | axial |
| Walter Capto™ size | C5–C6 | C8 |
| Insert size l [mm] | 16 | 16 |
| Insert size l [1/8 inch] | 3 | 3 |
| Page in catalog | A 257 | A 254 |
| QR code | | |
| www.walter-tools.com/woc/ | C-SVMB | C-DVMN |

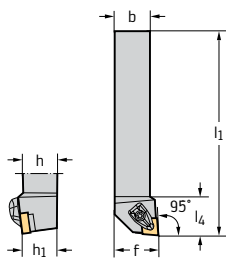
Shank tool – Rigid clamping

DCLN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| DCLNR1616H12 | | 12 | 16 | 100 | 32.2 | 20 | -6° | -6° | CN .. 1204 .. |
| DCLNR2020K12 | | 12 | 20 | 125 | 32 | 25 | -6° | -6° | |
| DCLNR2525M12 | | 12 | 25 | 150 | 32 | 32 | -6° | -6° | |
| DCLNR3225P12 | | 12 | 32 | 170 | 32 | 32 | -6° | -6° | |
| DCLNR2525M16 | | 16 | 25 | 150 | 39 | 32 | -6° | -6° | CN .. 1606 .. |
| DCLNR3225P16 | | 16 | 32 | 170 | 39 | 32 | -6° | -6° | |
| DCLNR3232P16 | | 16 | 32 | 170 | 39 | 40 | -6° | -6° | |
| DCLNR3232P19 | | 19 | 32 | 170 | 43.2 | 40 | -6° | -6° | CN .. 1906 .. |
| DCLNL1616H12 | | 12 | 16 | 100 | 32.2 | 20 | -6° | -6° | CN .. 1204 .. |
| DCLNL2020K12 | | 12 | 20 | 125 | 32 | 25 | -6° | -6° | |
| DCLNL2525M12 | | 12 | 25 | 150 | 32 | 32 | -6° | -6° | |
| DCLNL3225P12 | | 12 | 32 | 170 | 32 | 32 | -6° | -6° | |
| DCLNL2525M16 | | 16 | 25 | 150 | 39 | 32 | -6° | -6° | CN .. 1606 .. |
| DCLNL3225P16 | | 16 | 32 | 170 | 39 | 32 | -6° | -6° | |
| DCLNL3232P16 | | 16 | 32 | 170 | 39 | 40 | -6° | -6° | |
| DCLNL3232P19 | | 19 | 32 | 170 | 43.2 | 40 | -6° | -6° | CN .. 1906 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ (mm) | CN .. 1204 .. 16 | CN .. 1204 .. 20–32 | CN .. 1606 .. 25–32 | CN .. 1906 .. 32 |
|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Shim | AP354-CN12 | AP301-CN12 | AP302-CN16 | AP303-CN19 |
| Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| Clamp | PK241 | PK241 | PK242 | PK243 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| Pressure spring | FS1470 | FS1470 | FS1471 | FS1471 |
| Pin | RS117 | RS117 | RS117 | RS117 |
| Torx key | FS1465 (T15IP) | FS1465 (T15IP) | | |
| Allen key | | | FS1464 (T20IP) | FS1464 (T20IP) |

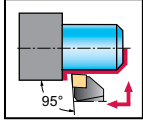
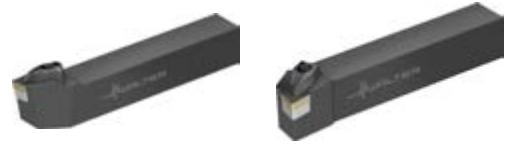
Accessories

| Type | CN .. 1204 .. | CN .. 1606 .. | CN .. 1906 .. |
|--|---------------|---------------|---------------|
| (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
| Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
| Insert with hole Carbide clamp set | PK254-SET | | |
| Shim for CN .. 1207 .. | AP411-CN1207 | | |

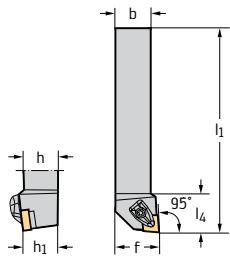
Shank tool – Rigid clamping

DCLN inch

Walter Turn



Tool







Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|------------------------|------------------------|-----------|-------|----------------|---------------|
| DCLNR103A | | 9 | 0.625 | 0.625 | 4.000 | 0.978 | 0.875 | -6° | CN .. 0903 .. |
| DCLNR123C | | 9 | 0.750 | 0.750 | 5.000 | 0.978 | 1.000 | -6° | CN .. 32 .. |
| DCLNR104A | | 12 | 0.625 | 0.625 | 4.000 | 1.260 | 0.867 | -6° | CN .. 1204 .. |
| DCLNR124B | | 12 | 0.750 | 0.750 | 4.500 | 1.260 | 1.000 | -6° | CN .. 43 .. |
| DCLNR164C | | 12 | 1.000 | 1.000 | 5.000 | 1.260 | 1.250 | -6° | |
| DCLNR164D | | 12 | 1.000 | 1.000 | 6.000 | 1.260 | 1.250 | -6° | |
| DCLNR204D | | 12 | 1.250 | 1.250 | 6.000 | 1.260 | 1.500 | -6° | |
| DCLNR244D | | 12 | 1.500 | 1.500 | 6.000 | 1.260 | 2.000 | -6° | |
| DCLNR165D | | 16 | 1.000 | 1.000 | 6.000 | 1.540 | 1.250 | -6° | CN .. 1606 .. |
| DCLNR205D | | 16 | 1.250 | 1.250 | 6.000 | 1.540 | 1.500 | -6° | CN .. 54 .. |
| DCLNR245D | | 16 | 1.500 | 1.500 | 6.000 | 1.540 | 2.000 | -6° | |
| DCLNR206D | | 19 | 1.250 | 1.250 | 6.000 | 1.700 | 1.500 | -6° | CN .. 1906 .. |
| DCLNR246D | | 19 | 1.500 | 1.500 | 6.000 | 1.700 | 2.000 | -6° | CN .. 64 .. |
| DCLNL103A | | 9 | 0.625 | 0.625 | 4.000 | 0.978 | 0.875 | -6° | CN .. 0903 .. |
| DCLNL123C | | 9 | 0.750 | 0.750 | 5.000 | 0.978 | 1.000 | -6° | CN .. 32 .. |
| DCLNL104A | | 12 | 0.625 | 0.625 | 4.000 | 1.260 | 0.867 | -6° | CN .. 1204 .. |
| DCLNL124B | | 12 | 0.750 | 0.750 | 4.500 | 1.260 | 1.000 | -6° | CN .. 43 .. |
| DCLNL164C | | 12 | 1.000 | 1.000 | 5.000 | 1.260 | 1.250 | -6° | |
| DCLNL164D | | 12 | 1.000 | 1.000 | 6.000 | 1.260 | 1.250 | -6° | |
| DCLNL204D | | 12 | 1.250 | 1.250 | 6.000 | 1.260 | 1.500 | -6° | |
| DCLNL244D | | 12 | 1.500 | 1.500 | 6.000 | 1.260 | 2.000 | -6° | |
| DCLNL165D | | 16 | 1.000 | 1.000 | 6.000 | 1.540 | 1.250 | -6° | CN .. 1606 .. |
| DCLNL205D | | 16 | 1.250 | 1.250 | 6.000 | 1.540 | 1.500 | -6° | CN .. 54 .. |
| DCLNL245D | | 16 | 1.500 | 1.500 | 6.000 | 1.540 | 2.000 | -6° | |
| DCLNL206D | | 19 | 1.250 | 1.250 | 6.000 | 1.700 | 1.500 | -6° | CN .. 1906 .. |
| DCLNL246D | | 19 | 1.500 | 1.500 | 6.000 | 1.700 | 2.000 | -6° | CN .. 64 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [inch] | CN .. 0903 .. CN .. 32 .. 0.625–0.75 | CN .. 1204 .. CN .. 43 .. 0.625 | CN .. 1606 .. CN .. 54 .. 0.75–1.5 | CN .. 1606 .. CN .. 54 .. 1–1.5 | CN .. 1606 .. CN .. 54 .. 1.25–1.5 |
|------|--------------------------------------|--|---------------------------------------|--|---------------------------------------|--|
| | Shim | AP414-CN09 | AP354-CN12 | AP301-CN12 | AP302-CN16 | AP303-CN19 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs | FS1463 (T20IP) 3.688 lbs |
| | Clamp | PK240 | PK241 | PK241 | PK242 | PK243 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs | FS1474 (T20IP) 4.72 lbs |
| | Pressure spring | FS1469 | FS1470 | FS1470 | FS1471 | FS1471 |
| | Pin | RS116 | RS117 | RS117 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | | |
| | Allen key | | | | FS1464 (T20IP) | FS1464 (T20IP) |

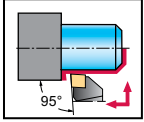
| Accessories | | CN .. 0903 .. CN .. 32 .. | CN .. 1204 .. CN .. 43 .. | CN .. 1606 .. CN .. 54 .. | CN .. 1906 .. CN .. 64 .. |
|---|--|------------------------------|------------------------------|------------------------------|------------------------------|
|  | (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET | PK243-SET |
|  | Insert with hole Carbide clamp set | | PK245-SET | PK246-SET | |
|  | Insert with hole Carbide clamp set | | PK254-SET | | |
|  | CN..1207.. Shim for CN .. 1207 .. | | AP411-CN1207 | | |

Shank tool – Rigid clamping

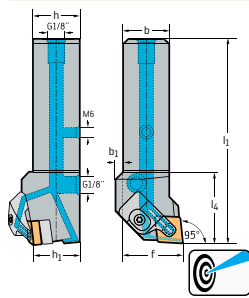
DCLN...-P

Walter Turn

– Precision cooling



Tool



| Designation | h = h ₁ mm | b mm | b ₁ mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type | |
|----------------|--------------------------|---------|----------------------|----------------------|----------------------|---------|----|----------------|------|---------------|
| DCLNR2020X12-P | 12 | 20 | 20 | 10 | 115 | 38.5 | 25 | -6° | -6° | CN .. 1204 .. |
| DCLNR2525X12-P | 12 | 25 | 25 | 4 | 130 | 38.5 | 32 | -6° | -6° | CN .. 1606 .. |
| DCLNR2525X16-P | 16 | 25 | 25 | 12 | 135 | 43.5 | 32 | -6° | -6° | |
| DCLNR3232X16-P | 16 | 32 | 32 | 6 | 147 | 43.5 | 40 | -5.5° | -6° | |
| DCLNL2020X12-P | 12 | 20 | 20 | 10 | 115 | 38.5 | 25 | -6° | -6° | CN .. 1204 .. |
| DCLNL2525X12-P | 12 | 25 | 25 | 4 | 130 | 38.5 | 32 | -6° | -6° | CN .. 1606 .. |
| DCLNL2525X16-P | 16 | 25 | 25 | 12 | 135 | 43.5 | 32 | -6° | -6° | |
| DCLNL3232X16-P | 16 | 32 | 32 | 6 | 147 | 43.5 | 40 | -5.5° | -6° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | CN .. 1204 .. 20–25 | CN .. 1606 .. 25–32 |
|--|--------------------------------------|--------------------------|--------------------------|
| | Shim | AP301-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | | PK267 |
| | Left clamp | PK265L | |
| | Right clamp | PK265R | |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS2188 | FS2298 |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

Accessories

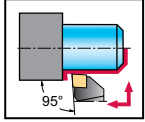
| | Type | CN .. 1204 .. | CN .. 1606 .. |
|--|--|---------------|---------------|
| | (standard assembly parts) Clamp set | | PK267-SET |
| | (standard assembly parts) Left clamp set | PK265L-SET | |
| | (standard assembly parts) Right clamp set | PK265R-SET | |

Shank tool – Rigid clamping

DCLN...-P inch

Walter Turn

– Precision cooling



| Tool | Designation | | h = h ₁ inch | b inch | b ₁ inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|------|-------------|----|----------------------------|-----------|------------------------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| | | | | | | | | | | | |
| | DCLNR124B-P | 12 | 0.750 | 0.750 | 0.394 | 4.500 | 1.575 | 1.000 | -6° | -6° | CN .. 1204 .. CN .. 43 .. |
| | DCLNR164D-P | 12 | 1.000 | 1.000 | 0.157 | 6.000 | 1.516 | 1.250 | -6° | -6° | |
| | DCLNR165D-P | 16 | 1.000 | 1.000 | 0.472 | 6.000 | 1.713 | 1.250 | -6° | -6° | CN .. 1606 .. CN .. 54 .. |
| | DCLNL124B-P | 12 | 0.750 | 0.750 | 0.394 | 4.500 | 1.575 | 1.000 | -6° | -6° | CN .. 1204 .. CN .. 43 .. |
| | DCLNL164D-P | 12 | 1.000 | 1.000 | 0.157 | 6.000 | 1.516 | 1.250 | -6° | -6° | |
| | DCLNL165D-P | 16 | 1.000 | 1.000 | 0.472 | 6.000 | 1.713 | 1.250 | -6° | -6° | CN .. 1606 .. CN .. 54 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

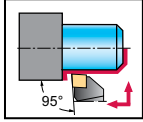
| Assembly parts | | CN .. 1204 .. CN .. 43 .. 0.75–1 | CN .. 1606 .. CN .. 54 .. 1 |
|----------------|--------------------------------------|--|-----------------------------------|
| | Shim | AP301-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs |
| | Clamp | | PK267 |
| | Left clamp | PK265L | |
| | Right clamp | PK265R | |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs |
| | Pressure spring | FS2188 | FS2298 |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

| Accessories | | CN .. 1204 .. CN .. 43 .. | CN .. 1606 .. CN .. 54 .. |
|-------------|--|------------------------------|------------------------------|
| | (standard assembly parts) Clamp set | | PK267-SET |
| | (standard assembly parts) Left clamp set | PK265L-SET | |
| | (standard assembly parts) Right clamp set | PK265R-SET | |

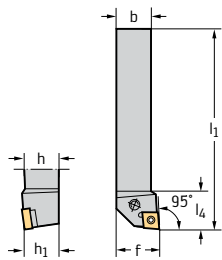
Shank tool – Lever clamping

PCLN

Walter Turn









Tool




Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PCLNR1616H09 | | 9 | 16 | 20 | 24.2 | 100 | -6° | -6° | CN .. 0903 .. |
| PCLNR2020K09 | | 9 | 20 | 25 | 24.2 | 125 | -6° | -6° | |
| PCLNR2525M09 | | 9 | 25 | 32 | 24.2 | 150 | -6° | -6° | |
| PCLNR1616H12 | | 12 | 16 | 20 | 27.2 | 100 | -6° | -6° | CN .. 1204 .. |
| PCLNR2020K12 | | 12 | 20 | 25 | 27.2 | 125 | -6° | -6° | |
| PCLNR2525M12 | | 12 | 25 | 32 | 27.2 | 150 | -6° | -6° | |
| PCLNR3225P12 | | 12 | 32 | 32 | 27.2 | 170 | -6° | -6° | |
| PCLNR2525M16 | | 16 | 25 | 32 | 33.9 | 150 | -6° | -6° | CN .. 1606 .. |
| PCLNR3225P16 | | 16 | 32 | 32 | 33.9 | 170 | -6° | -6° | |
| PCLNR3232P16 | | 16 | 32 | 40 | 33.9 | 170 | -6° | -6° | |
| PCLNR3232P19 | | 19 | 32 | 40 | 37.9 | 170 | -6° | -6° | CN .. 1906 .. |
| PCLNR4040S19 | | 19 | 40 | 50 | 37.9 | 250 | -6° | -6° | |
| PCLNR4040S25 | | 25 | 40 | 50 | 50 | 250 | -6° | -6° | CN .. 2509 .. |
| PCLNR5050T25 | | 25 | 50 | 60 | 50 | 300 | -6° | -6° | |
| PCLNL1616H09 | | 9 | 16 | 20 | 24.2 | 100 | -6° | -6° | CN .. 0903 .. |
| PCLNL2020K09 | | 9 | 20 | 25 | 24.2 | 125 | -6° | -6° | |
| PCLNL2525M09 | | 9 | 25 | 32 | 24.2 | 150 | -6° | -6° | |
| PCLNL1616H12 | | 12 | 16 | 20 | 27.2 | 100 | -6° | -6° | CN .. 1204 .. |
| PCLNL2020K12 | | 12 | 20 | 25 | 27.2 | 125 | -6° | -6° | |
| PCLNL2525M12 | | 12 | 25 | 32 | 27.2 | 150 | -6° | -6° | |
| PCLNL3225P12 | | 12 | 32 | 32 | 27.2 | 170 | -6° | -6° | |
| PCLNL2525M16 | | 16 | 25 | 32 | 33.9 | 150 | -6° | -6° | CN .. 1606 .. |
| PCLNL3225P16 | | 16 | 32 | 32 | 33.9 | 170 | -6° | -6° | |
| PCLNL3232P16 | | 16 | 32 | 40 | 33.9 | 170 | -6° | -6° | |
| PCLNL3232P19 | | 19 | 32 | 40 | 37.9 | 170 | -6° | -6° | CN .. 1906 .. |
| PCLNL4040S19 | | 19 | 40 | 50 | 37.9 | 250 | -6° | -6° | |
| PCLNL4040S25 | | 25 | 40 | 50 | 50 | 250 | -6° | -6° | CN .. 2509 .. |
| PCLNL5050T25 | | 25 | 50 | 60 | 50 | 300 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 / CN .. 190612 / CN .. 250924 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

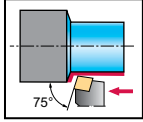
| Assembly parts | | CN .. 0903 .. 16-25 | CN .. 1204 .. 16 | CN .. 1204 .. 20-32 | CN .. 1606 .. 25-32 | CN .. 1906 .. 32-40 | CN .. 2509 .. 40-50 |
|---|-------------------------------------|---------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Type | h = h ₁ [mm] | | | | | | |
|  | Shim | AP408- CN0908 | AP134-CN1216 | AP134-CN1216 | AP135-CN1624 | AP136-CN1924 | AP192- CN2524 |
|  | Lever | KN101 | KN121 | KN102 | KN104 | KN106 | KN107 |
|  | Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm | FS2129 (SW 3) 5 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm | FS357 (SW 5) 14 Nm |
|  | Shim pin | RS120 | RS102 | RS102 | RS103 | RS104 | RS105 |
|  | Tapered assembly pin | MD101 | MD101 | MD101 | MD102 | MD102 | MD103 |
|  | Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

| Accessories | | CN .. 0903 ..-CN .. 2509 .. | CN .. 1204 .. | CN .. 1606 .. | CN .. 1906 .. |
|---|------|--------------------------------|---------------|---------------|---------------|
| Type | | | | | |
|  | Shim | | AP134-CN1208 | AP135-CN1616 | AP136-CN1912 |

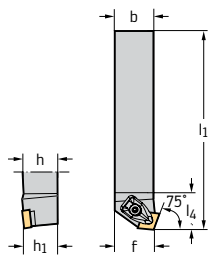
Shank tool – Rigid clamping

DCBN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| DCBNR2525M12 | | 12 | 25 | 150 | 34.6 | 22 | -6° | -6° | CN .. 1204 .. |
| DCBNR3225P12 | | 12 | 32 | 170 | 34.6 | 22 | -6° | -6° | |
| DCBNR2525M16 | | 16 | 25 | 150 | 41.5 | 22 | -6° | -6° | CN .. 1606 .. |
| DCBNR3232P16 | | 16 | 32 | 170 | 41.6 | 27 | -6° | -6° | |
| DCBNR3232P19 | | 19 | 32 | 170 | 46.1 | 27 | -6° | -6° | CN .. 1906 .. |
| DCBNL2525M12 | | 12 | 25 | 150 | 34.6 | 22 | -6° | -6° | CN .. 1204 .. |
| DCBNL3225P12 | | 12 | 32 | 170 | 34.6 | 22 | -6° | -6° | |
| DCBNL2525M16 | | 16 | 25 | 150 | 41.5 | 22 | -6° | -6° | CN .. 1606 .. |
| DCBNL3232P16 | | 16 | 32 | 170 | 41.6 | 27 | -6° | -6° | |
| DCBNL3232P19 | | 19 | 32 | 170 | 46.1 | 27 | -6° | -6° | CN .. 1906 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | CN .. 1204 .. 25–32 | CN .. 1606 .. 25–32 | CN .. 1906 .. 32 |
|------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP301-CN12 | AP302-CN16 | AP303-CN19 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 | PK243 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | | |
| | Allen key | | FS1464 (T20IP) | FS1464 (T20IP) |

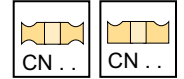
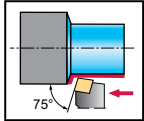
Accessories

| Type | Type | CN .. 1204 .. | CN .. 1606 .. | CN .. 1906 .. |
|------|--|---------------|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
| | Insert with hole Carbide clamp set | PK254-SET | | |
| | Shim for CN .. 1207 .. | AP411-CN1207 | | |

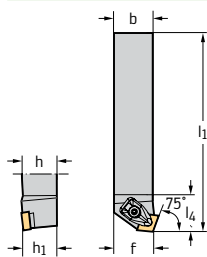
Shank tool – Rigid clamping

DCRN inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DCRNR164DM1 | 12 | 1.000 | 1.000 | 6.000 | 1.350 | 1.048 | -6° | -6° | CN .. 1204 .. CN .. 43 .. |
| DCRNR205D | 16 | 1.250 | 1.250 | 6.000 | 1.640 | 1.291 | -6° | -6° | CN .. 1606 .. CN .. 54 .. |
| DCRNR206D | 19 | 1.250 | 1.250 | 6.000 | 1.820 | 1.291 | -6° | -6° | CN .. 1906 .. CN .. 64 .. |
| DCRNL164DM1 | 12 | 1.000 | 1.000 | 6.000 | 1.350 | 1.048 | -6° | -6° | CN .. 1204 .. CN .. 43 .. |
| DCRNL205D | 16 | 1.250 | 1.250 | 6.000 | 1.640 | 1.291 | -6° | -6° | CN .. 1606 .. CN .. 54 .. |
| DCRNL206D | 19 | 1.250 | 1.250 | 6.000 | 1.820 | 1.291 | -6° | -6° | CN .. 1906 .. CN .. 64 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [inch] | CN .. 1204 .. CN .. 43 .. 1 | CN .. 1606 .. CN .. 54 .. 1.25 | CN .. 1906 .. CN .. 64 .. 1.25 |
|--------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|
| Shim | AP301-CN12 | AP302-CN16 | AP303-CN19 |
| Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs | FS1463 (T20IP) 3.688 lbs |
| Clamp | PK241 | PK242 | PK243 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs | FS1474 (T20IP) 4.72 lbs |
| Pressure spring | FS1470 | FS1471 | FS1471 |
| Pin | RS117 | RS117 | RS117 |
| Torx key | FS1465 (T15IP) | | |
| Allen key | | FS1464 (T20IP) | FS1464 (T20IP) |

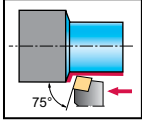
Accessories

| Type | CN .. 1204 .. CN .. 43 .. | CN .. 1606 .. CN .. 54 .. | CN .. 1906 .. CN .. 64 .. |
|--|------------------------------|------------------------------|------------------------------|
| (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
| Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
| Insert with hole Carbide clamp set | PK254-SET | | |
| CN .. 1207 .. Shim for basic shape | AP411-CN1207 | | |

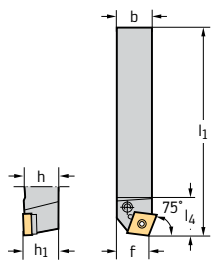
Shank tool – Lever clamping

PCBN

Walter Turn



Tool



| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PCBNR2525M12 | | 12 | 25 | 22 | 26.9 | 150 | -6° | -6° | CN .. 1204 .. |
| PCBNR2525M16 | | 16 | 25 | 22 | 33.6 | 150 | -6° | -6° | CN .. 1606 .. |
| PCBNR3232P16 | | 16 | 32 | 27 | 33.6 | 170 | -6° | -6° | |
| PCBNR3232P19 | | 19 | 32 | 27 | 37.5 | 170 | -6° | -6° | CN .. 1906 .. |
| PCBNL2525M12 | | 12 | 25 | 22 | 26.9 | 150 | -6° | -6° | CN .. 1204 .. |
| PCBNL2525M16 | | 16 | 25 | 22 | 33.6 | 150 | -6° | -6° | CN .. 1606 .. |
| PCBNL3232P16 | | 16 | 32 | 27 | 33.6 | 170 | -6° | -6° | |
| PCBNL3232P19 | | 19 | 32 | 27 | 37.5 | 170 | -6° | -6° | CN .. 1906 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | CN .. 1204 .. 25 | CN .. 1606 .. 25–32 | CN .. 1906 .. 32 |
|------|-------------------------------------|----------------------|------------------------|-----------------------|
| | Shim | AP134-CN1216 | AP135-CN1624 | AP136-CN1924 |
| | Lever | KN102 | KN104 | KN106 |
| | Clamping screw Tightening torque | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm |
| | Shim pin | RS102 | RS103 | RS104 |
| | Tapered assembly pin | MD101 | MD102 | MD102 |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) |

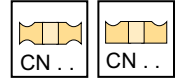
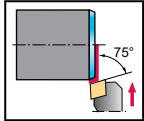
Accessories

| Type | CN .. 1204 .. | CN .. 1606 .. | CN .. 1906 .. | |
|------|---------------|---------------|---------------|--------------|
| | Shim | AP134-CN1208 | AP135-CN1616 | AP136-CN1912 |

Shank tool – Rigid clamping

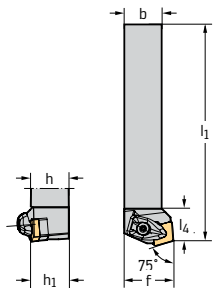
DCKN

Walter Turn



Tool

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | |
| DCKNR2525M12 | | 12 | 25 | 150 | 21.1 | 32 | -6° | -6° | CN .. 1204 .. |
| DCKNR3225P12 | | 12 | 32 | 170 | 21.1 | 32 | -6° | -6° | CN .. 1204 .. |
| DCKNR3232P16 | | 16 | 32 | 170 | 26 | 40 | -6° | -6° | CN .. 1606 .. |
| DCKNL2525M12 | | 12 | 25 | 150 | 21.1 | 32 | -6° | -6° | CN .. 1204 .. |
| DCKNL3225P12 | | 12 | 32 | 170 | 21.1 | 32 | -6° | -6° | CN .. 1204 .. |
| DCKNL3232P16 | | 16 | 32 | 170 | 26 | 40 | -6° | -6° | CN .. 1606 .. |



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | CN .. 1204 .. 25–32 | CN .. 1606 .. 32 |
|--|--------------------------------------|--------------------------|--------------------------|
| | Shim | AP301-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 |
| | Pin | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

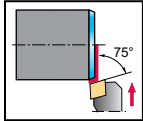
Accessories

| | Type | CN .. 1204 .. | CN .. 1606 .. |
|--|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | PK254-SET | |
| | Shim for CN .. 1207 .. | AP411-CN1207 | |

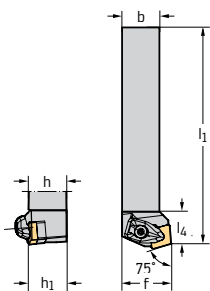
Shank tool – Rigid clamping

DCKN inch

Walter Turn



Tool



| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DCKNR164D | | 1.000 | 1.000 | 6.000 | 0.837 | 1.250 | -6° | -6° | CN .. 1204 .. CN .. 43 .. |
| DCKNR205D | | 1.250 | 1.250 | 6.000 | 1.065 | 1.500 | -6° | -6° | CN .. 1606 .. CN .. 54 .. |
| DCKNL164D | | 1.000 | 1.000 | 6.000 | 0.837 | 1.250 | -6° | -6° | CN .. 1204 .. CN .. 43 .. |
| DCKNL205D | | 1.250 | 1.250 | 6.000 | 1.065 | 1.500 | -6° | -6° | CN .. 1606 .. CN .. 54 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [inch] | CN .. 1204 .. CN .. 43 .. 1 | CN .. 1606 .. CN .. 54 .. 1.25 |
|--------------------------------------|-----------------------------------|--------------------------------------|
| Shim | AP301-CN12 | AP302-CN16 |
| Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs |
| Clamp | PK241 | PK242 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs |
| Pressure spring | FS1470 | FS1471 |
| Pin | RS117 | RS117 |
| Torx key | FS1465 (T15IP) | |
| Allen key | | FS1464 (T20IP) |

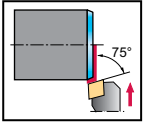
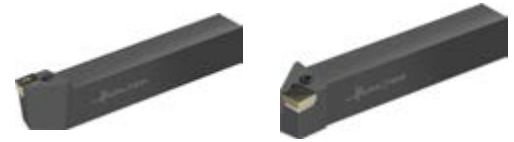
Accessories

| Type | CN .. 1204 .. CN .. 43 .. | CN .. 1606 .. CN .. 54 .. |
|--|------------------------------|------------------------------|
| Insert with hole Carbide clamp set | PK241-SET | |
| (standard assembly parts) Clamp set | | PK242-SET |
| Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
| Insert with hole Carbide clamp set | PK254-SET | |
| Shim for CN .. 1207 .. | AP411-CN1207 | |

Shank tool – Lever clamping

PCKN

Walter Turn



Tool

| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PCKNR2525M12 | | 25 | 25 | 32 | 22.9 | 153.1 | -6° | -6° | CN .. 1204 .. |
| PCKNL2525M12 | | 25 | 25 | 32 | 22.9 | 153.1 | -6° | -6° | CN .. 1204 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert:CN .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | CN .. 1204 .. |
|------|-------------------------------------|----------------------|
| | Shim | 25 AP134-CN1216 |
| | Lever | KN102 |
| | Clamping screw Tightening torque | FS352 (SW 3) 5 Nm |
| | Shim pin | RS102 |
| | Tapered assembly pin | MD101 |
| | Allen key | ISO2936-3 (SW 3) |

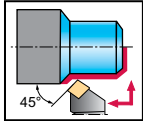
Accessories

| Type | CN .. 1204 .. |
|------|----------------------|
| | Shim AP134-CN1208 |

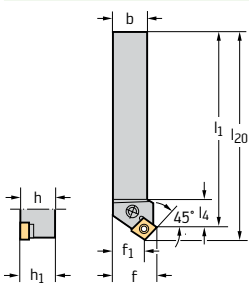
Shank tool – Lever clamping

PCSN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | f ₁ mm | l ₁ mm | l ₄ mm | l ₂₀ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|----------------------|-----------------------|-----|----------------|---------------|
| PCSNR2525M12 | | 12 | 25 | 32 | 23.9 | 150 | 19.7 | 160 | -8° | -8° | CN .. 1204 .. |
| PCSNL2525M12 | | 12 | 25 | 32 | 23.9 | 150 | 19.7 | 160 | -8° | -8° | CN .. 1204 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | CN .. 1204 .. |
|------|-------------------------------------|-------------------------------|
| | Shim | 25 |
| | Lever | AP134-CN1216 |
| | Clamping screw Tightening torque | KN102 FS352 (SW 3) 5 Nm |
| | Shim pin | RS102 |
| | Tapered assembly pin | MD101 |
| | Allen key | ISO2936-3 (SW 3) |

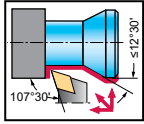
Accessories

| Type | CN .. 1204 .. |
|------|----------------------|
| | Shim AP134-CN1208 |

Shank tool – Rigid clamping

DDHN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|------|--------------|----|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | | |
| | DDHNR2020K15 | 15 | 20 | 20 | 125 | 36.1 | 25 | -6° | -7° | DN .. 1506 .. |
| | DDHNR2525M15 | 15 | 25 | 25 | 150 | 36.1 | 32 | -6° | -7° | |
| | DDHNL2020K15 | 15 | 20 | 20 | 125 | 36.1 | 25 | -6° | -7° | DN .. 1506 .. |
| | DDHNL2525M15 | 15 | 25 | 25 | 150 | 36.1 | 32 | -6° | -7° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

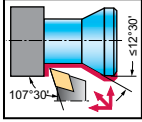
| Assembly parts | Type h = h ₁ (mm) | DN .. 1506 .. 20-25 |
|----------------|--------------------------------------|--------------------------|
| | Shim | AP304-DN15 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK241 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Torx key | FS1465 (T15IP) |

| Accessories | Type | DN .. 1506 .. |
|-------------|--|---------------|
| | (standard assembly parts) Clamp set | PK241-SET |
| | Insert without hole Carbide clamp set | PK245-SET |
| | Insert without hole Carbide clamp set | PK254-SET |
| | Shim for DN .. 1504 .. | AP304-DN1504 |
| | Shim for DN .. 1507 .. | AP412-DN1507 |

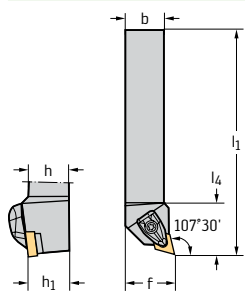
Shank tool – Rigid clamping

DDQN inch

Walter Turn



Tool



Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

λ_s

Type

DDQNR164D

15

1.000

1.000

6.000

1.42

1.250

0°

7°

DN .. 1504 ..
DN .. 43 ..

DDQNR204D

15

1.250

1.250

6.000

1.42

1.500

0°

7°

DDQNL164D

15

1.000

1.000

6.000

1.42

1.250

0°

7°

DN .. 1504 ..
DN .. 43 ..

DDQNL204D

15

1.250

1.250

6.000

1.42

1.500

0°

7°

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [inch]DN .. 1504 ..
DN .. 43 ..
1-1.25

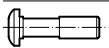
Shim

AP304-DN1504

Screw for shim
Tightening torqueFS1461 (T15IP)
1.844 lbs

Clamp

PK241

Screw for clamp
Tightening torqueFS1473 (T15IP)
2.876 lbs

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

DN .. 1504 ..
DN .. 43 ..(standard assembly parts)
Clamp set

PK241-SET

Insert without hole
Carbide clamp set

PK245-SET

Insert without hole
Carbide clamp set

PK254-SET



Shim for DN .. 1506 ..

AP304-DN15



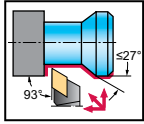
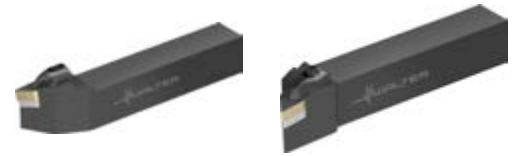
Shim for DN .. 1507 ..

AP412-DN1507

Shank tool – Rigid clamping

DDJN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|------------------|--------------|----|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | | |
| Square shank | DDJNR2020K11 | 11 | 20 | 20 | 125 | 30.2 | 25 | -6° | -7° | DN .. 1104 .. |
| | DDJNR2525M11 | 11 | 25 | 25 | 150 | 30.2 | 32 | -6° | -7° | |
| | DDJNR3225P11 | 11 | 32 | 25 | 170 | 30.2 | 32 | -6° | -7° | |
| | DDJNR2020K15 | 15 | 20 | 20 | 125 | 39.4 | 25 | -6° | -7° | DN .. 1506 .. |
| | DDJNR2525M15 | 15 | 25 | 25 | 150 | 39.4 | 32 | -6° | -7° | |
| | DDJNR3225P15 | 15 | 32 | 25 | 170 | 39.4 | 32 | -6° | -7° | |
| | DDJNR3232P15 | 15 | 32 | 32 | 170 | 39.4 | 40 | -6° | -7° | |
| | DDJNL2020K11 | 11 | 20 | 20 | 125 | 30.2 | 25 | -6° | -7° | DN .. 1104 .. |
| | DDJNL2525M11 | 11 | 25 | 25 | 150 | 30.2 | 32 | -6° | -7° | |
| | DDJNL3225P11 | 11 | 32 | 25 | 170 | 30.2 | 32 | -6° | -7° | |
| | DDJNL2020K15 | 15 | 20 | 20 | 125 | 39.4 | 25 | -6° | -7° | DN .. 1506 .. |
| | DDJNL2525M15 | 15 | 25 | 25 | 150 | 39.4 | 32 | -6° | -7° | |
| DDJNL3225P15 | 15 | 32 | 25 | 170 | 39.4 | 32 | -6° | -7° | | |
| DDJNL3232P15 | 15 | 32 | 32 | 170 | 39.4 | 40 | -6° | -7° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

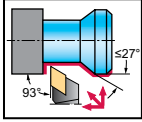
| Assembly parts | | DN .. 1104 .. 20–32 | DN .. 1506 .. 20–32 |
|----------------|---|-------------------------|--------------------------|
| | Shim Type h = h ₁ [mm] | AP305-DN11 | AP304-DN15 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK240 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1469 | FS1470 |
| | Pin | RS116 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

| Accessories | | DN .. 1104 .. | DN .. 1506 .. |
|-------------|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| | Insert without hole Carbide clamp set | | PK245-SET |
| | Insert without hole Carbide clamp set | | PK254-SET |
| | Shim for DN .. 1504 .. | | AP304-DN1504 |
| | Shim for DN .. 1507 .. | | AP412-DN1507 |

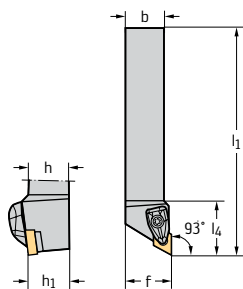
Shank tool – Rigid clamping

DDJN inch

Walter Turn



Tool









Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DDJNR103A | | 11 | 0.625 | 4.000 | 1.195 | 0.875 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |
| DDJNR123C | | 11 | 0.750 | 5.000 | 1.190 | 1.000 | -6° | -7° | |
| DDJNR163D | | 11 | 1.000 | 6.000 | 1.190 | 1.250 | -6° | -7° | |
| DDJNR124B | | 15 | 0.750 | 4.500 | 1.450 | 1.000 | -6° | -7° | DN .. 1504 .. DN .. 43 .. |
| DDJNR164C | | 15 | 1.000 | 5.000 | 1.550 | 1.250 | -6° | -7° | |
| DDJNR164D | | 15 | 1.000 | 6.000 | 1.550 | 1.250 | -6° | -7° | |
| DDJNR204D | | 15 | 1.250 | 6.000 | 1.550 | 1.500 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |
| DDJNR244D | | 15 | 1.500 | 6.000 | 1.550 | 2.000 | -6° | -7° | |
| DDJNL103A | | 11 | 0.625 | 4.000 | 1.195 | 0.875 | -6° | -7° | |
| DDJNL123C | | 11 | 0.750 | 5.000 | 1.190 | 1.000 | -6° | -7° | DN .. 1504 .. DN .. 43 .. |
| DDJNL163D | | 11 | 1.000 | 6.000 | 1.190 | 1.250 | -6° | -7° | |
| DDJNL124B | | 15 | 0.750 | 4.500 | 1.450 | 1.000 | -6° | -7° | |
| DDJNL164C | | 15 | 1.000 | 5.000 | 1.550 | 1.250 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |
| DDJNL164D | | 15 | 1.000 | 6.000 | 1.550 | 1.250 | -6° | -7° | |
| DDJNL204D | | 15 | 1.250 | 6.000 | 1.550 | 1.500 | -6° | -7° | |
| DDJNL244D | | 15 | 1.500 | 6.000 | 1.550 | 2.000 | -6° | -7° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [inch] | DN .. 1104 .. DN .. 33 .. 0.625–1 | DN .. 1504 .. DN .. 43 .. 0.75–1.5 | DN .. 1504 .. DN .. 43 .. 1 | |
|-----------------------------------|---|--|-----------------------------------|-----------------------------|
| | Shim | AP305-DN11 | AP304-DN1504 | AP304-DN1504 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs | FS1461 (T15IP) 1.844 lbs |
| | Clamp | PK240 | PK241 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS1469 | FS1470 | FS1470 |
| | Pin | RS116 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) |

| Accessories | | DN .. 1104 .. DN .. 33 .. | DN .. 1504 .. DN .. 43 .. |
|---|--|------------------------------|------------------------------|
|  | (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
|  | Insert without hole Carbide clamp set | | PK245-SET |
|  | Insert without hole Carbide clamp set | | PK254-SET |
|  | Shim for DN .. 1504 .. | | AP304-DN1504 |
|  | Shim for DN . . 1506 . . | | AP304-DN15 |
|  | Shim for DN .. 1507 .. | | AP412-DN1507 |

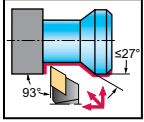
Shank tool – Rigid clamping

DDJN...-P

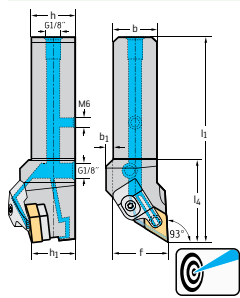
Walter Turn



– Precision cooling



Tool



| Designation | h = h ₁ mm | b mm | b ₁ mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|----------------|--------------------------|---------|----------------------|----------------------|----------------------|---------|-----|----------------|---------------|
| DDJNR2020X11-P | 11 | 20 | 20 | 6 | 125 | 25 | -6° | -7° | DN .. 1104 .. |
| DDJNR2525X11-P | 11 | 25 | 25 | 0 | 140 | 32 | -6° | -7° | |
| DDJNR2020X15-P | 15 | 20 | 20 | 7 | 125 | 25 | -6° | -7° | DN .. 1506 .. |
| DDJNR2525X15-P | 15 | 25 | 25 | 3 | 140 | 32 | -6° | -7° | |
| DDJNL2020X11-P | 11 | 20 | 20 | 6 | 125 | 25 | -6° | -7° | DN .. 1104 .. |
| DDJNL2525X11-P | 11 | 25 | 25 | 0 | 140 | 32 | -6° | -7° | |
| DDJNL2020X15-P | 15 | 20 | 20 | 7 | 125 | 25 | -6° | -7° | DN .. 1506 .. |
| DDJNL2525X15-P | 15 | 25 | 25 | 3 | 140 | 32 | -6° | -7° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | DN .. 1104 .. 20–25 | DN .. 1506 .. 20–25 |
|--------------------------------------|--------------------------|--------------------------|
| Shim | AP305-DN11 | AP304-DN15 |
| Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| Right clamp | PK261R | PK265R |
| Left clamp | PK261L | PK265L |
| Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | FS2188 | FS2188 |
| G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| Torx key | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

| Type | DN .. 1104 .. | DN .. 1506 .. |
|--|---------------|---------------|
| (standard assembly parts) Right clamp set | PK261R-SET | PK265R-SET |
| (standard assembly parts) Left clamp set | PK261L-SET | PK265L-SET |
| Shim for DN .. 1504 .. | | AP304-DN1504 |

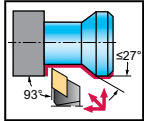
Shank tool – Rigid clamping

DDJN...-P inch

Walter Turn



– Precision cooling



| Tool | Designation | | h = h ₁ inch | b inch | b ₁ inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|------|-------------|----|----------------------------|-----------|------------------------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| | | | | | | | | | | | |
| | DDJNR163D-P | 11 | 1.000 | 1.000 | 0.118 | 6.000 | 1.909 | 1.250 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |
| | DDJNR124B-P | 15 | 0.750 | 0.750 | 0.276 | 4.500 | 1.969 | 1.000 | -6° | -7° | DN .. 1504 .. DN .. 43 .. |
| | DDJNR164D-P | 15 | 1.000 | 1.000 | 0.118 | 6.000 | 1.909 | 1.250 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |
| | DDJNL163D-P | 11 | 1.000 | 1.000 | 0.118 | 6.000 | 1.909 | 1.250 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |
| | DDJNL124B-P | 15 | 0.750 | 0.750 | 0.276 | 4.500 | 1.969 | 1.000 | -6° | -7° | DN .. 1504 .. DN .. 43 .. |
| | DDJNL164D-P | 15 | 1.000 | 1.000 | 0.118 | 6.000 | 1.909 | 1.250 | -6° | -7° | DN .. 1104 .. DN .. 33 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150408 / DN .. 110408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

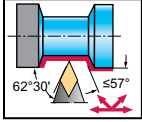
| Assembly parts | Type h = h ₁ [inch] | DN .. 1104 .. DN .. 33 .. 1 | DN .. 1504 .. DN .. 43 .. 0.75–1 |
|----------------|--------------------------------------|-----------------------------------|--|
| | | | Shim |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs |
| | Right clamp | PK261R | PK265R |
| | Left clamp | PK261L | PK265L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS2188 | FS2188 |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) |

| Accessories | Type | DN .. 1104 .. DN .. 33 .. | DN .. 1504 .. DN .. 43 .. |
|-------------|---|------------------------------|--|
| | | | (standard assembly parts) Right clamp set |
| | (standard assembly parts) Left clamp set | PK261L-SET | PK265L-SET |
| | Shim for DN .. 1506 .. | | AP304-DN15 |

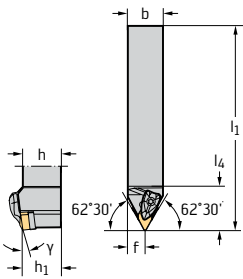
Shank tool – Rigid clamping

DDPN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

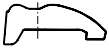
λ_s

Type

| | | | | | | | | | |
|-----------|----|-------|-------|-------|-------|-------|-----|-----|------------------------------|
| DDPNN124B | 15 | 0.750 | 0.750 | 4.500 | 1.610 | 0.375 | -5° | -9° | DN .. 1504 .. DN .. 43 .. |
| DDPNN164D | 15 | 1.000 | 1.000 | 6.000 | 1.610 | 0.500 | -5° | -9° | |
| DDPNN204D | 15 | 1.250 | 1.250 | 6.000 | 1.610 | 0.625 | -5° | -9° | |

Measured with master insert: DN .. 150408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [inch]DN .. 1504 ..
DN .. 43 ..
0.75–1.25Screw for shim
Tightening torqueFS1461 (T15IP)
1.844 lbs

Clamp

PK241

Screw for clamp
Tightening torqueFS1473 (T15IP)
2.876 lbs

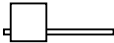
Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

DN .. 1504 ..
DN .. 43 ..(standard assembly parts)
Clamp set

PK241-SET

Insert without hole
Carbide clamp set

PK245-SET

Insert without hole
Carbide clamp set

PK254-SET



Shim for DN .. 1504 ..

AP304-DN1504



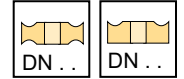
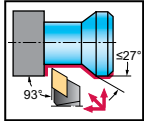
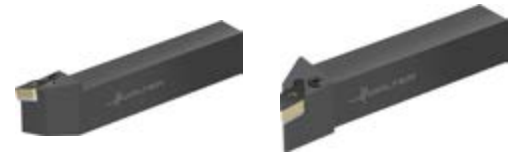
Shim for DN .. 1507 ..

AP412-DN1507

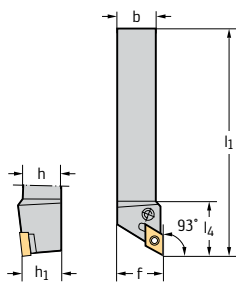
Shank tool – Lever clamping

PDJN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PDJNR1616H11 | | 11 | 16 | 20 | 29.7 | 100 | -6° | -7° | DN .. 1104 .. |
| PDJNR2020K11 | | 11 | 20 | 25 | 29.7 | 125 | -6° | -7° | |
| PDJNR2525M11 | | 11 | 25 | 32 | 29.7 | 150 | -6° | -7° | |
| PDJNR3225P11 | | 11 | 32 | 32 | 29.7 | 170 | -6° | -7° | |
| PDJNR2020K15 | | 15 | 20 | 25 | 36.2 | 125 | -6° | -7° | DN .. 1506 .. |
| PDJNR2525M15 | | 15 | 25 | 32 | 36.2 | 150 | -6° | -7° | |
| PDJNR3225P15 | | 15 | 32 | 32 | 36.2 | 170 | -6° | -7° | |
| PDJNR3232P15 | | 15 | 32 | 40 | 36.2 | 170 | -6° | -7° | |
| PDJNL1616H11 | | 11 | 16 | 20 | 29.7 | 100 | -6° | -7° | DN .. 1104 .. |
| PDJNL2020K11 | | 11 | 20 | 25 | 29.7 | 125 | -6° | -7° | |
| PDJNL2525M11 | | 11 | 25 | 32 | 29.7 | 150 | -6° | -7° | |
| PDJNL3225P11 | | 11 | 32 | 32 | 29.7 | 170 | -6° | -7° | |
| PDJNL2020K15 | | 15 | 20 | 25 | 36.2 | 125 | -6° | -7° | DN .. 1506 .. |
| PDJNL2525M15 | | 15 | 25 | 32 | 36.2 | 150 | -6° | -7° | |
| PDJNL3225P15 | | 15 | 32 | 32 | 36.2 | 170 | -6° | -7° | |
| PDJNL3232P15 | | 15 | 32 | 40 | 36.2 | 170 | -6° | -7° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ (mm) | DN .. 1104 .. 16–32 | DN .. 1506 .. 20–32 |
|-------------------------------------|------------------------|------------------------|
| Shim | AP171-DN1112 | AP145-DN1516 |
| Lever | KN119 | KN103 |
| Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm | FS355 (SW 3) 5 Nm |
| Shim pin | RS101 | RS102 |
| Tapered assembly pin | MD101 | MD101 |
| Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) |

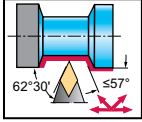
Accessories

| Type | DN .. 1104 .. | DN .. 1506 .. |
|------------------------|---------------|---------------|
| Shim | AP171-DN1108 | AP145-DN1508 |
| Shim for DN .. 1504 .. | | AP357-DN1508 |
| Shim for DN .. 1504 .. | | AP357-DN1516 |

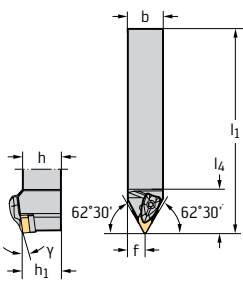
Shank tool – Rigid clamping

DDNN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

Type

| Designation | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|--------------|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| DDNNN2020K11 | 11 | 20 | 125 | 31.2 | 10 | -5° | -9° | DN .. 1104 .. |
| DDNNN2525M11 | 11 | 25 | 150 | 31.2 | 13 | -5° | -9° | DN .. 1506 .. |
| DDNNN2525M15 | 15 | 25 | 150 | 40.8 | 13 | -5° | -9° | |
| DDNNN3225P15 | 15 | 32 | 170 | 40.8 | 13 | -5° | -9° | |

Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | DN .. 1104 .. 20–25 | DN .. 1506 .. 25–32 |
|--|--------------------------------------|-------------------------|--------------------------|
| | Shim | AP305-DN11 | AP304-DN15 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK240 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1469 | FS1470 |
| | Pin | RS116 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

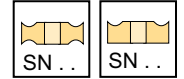
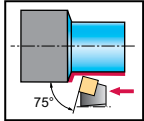
Accessories

| | Type | DN .. 1104 .. | DN .. 1506 .. |
|--|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| | Insert without hole Carbide clamp set | | PK245-SET |
| | Insert without hole Carbide clamp set | | PK254-SET |
| | Shim for DN .. 1504 .. | | AP304-DN1504 |
| | Shim for DN .. 1507 .. | | AP412-DN1507 |

Shank tool – Rigid clamping

DSBN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|------------------|--------------|----|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | | |
| Square shank | DSBNR2525M12 | 12 | 25 | 25 | 150 | 34.3 | 22 | -6° | -6° | SN .. 1204 .. |
| | DSBNR3225P12 | 12 | 32 | 25 | 170 | 34.3 | 22 | -6° | -6° | |
| | DSBNR3232P15 | 15 | 32 | 32 | 170 | 41.5 | 27 | -6° | -6° | SN .. 1506 .. |
| | DSBNR3232P19 | 19 | 32 | 32 | 170 | 46.4 | 27 | -6° | -6° | SN .. 1906 .. |
| | DSBNR4040S19 | 19 | 40 | 40 | 250 | 46.5 | 35 | -6° | -6° | |
| | DSBNL2525M12 | 12 | 25 | 25 | 150 | 34.3 | 22 | -6° | -6° | SN .. 1204 .. |
| | DSBNL3225P12 | 12 | 32 | 25 | 170 | 34.3 | 22 | -6° | -6° | |
| | DSBNL3232P15 | 15 | 32 | 32 | 170 | 41.5 | 27 | -6° | -6° | SN .. 1506 .. |
| | DSBNL3232P19 | 19 | 32 | 32 | 170 | 46.4 | 27 | -6° | -6° | SN .. 1906 .. |
| | DSBNL4040S19 | 19 | 40 | 40 | 250 | 46.5 | 35 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | SN .. 1204 .. 25–32 | SN .. 1506 .. 32 | SN .. 1906 .. 32–40 |
|----------------|---|--------------------------|--------------------------|--------------------------|
| | Shim Type h = h ₁ (mm) | AP308-SN12 | AP309-SN15 | AP310-SN19 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 | PK243 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | | |
| | Allen key | | FS1464 (T20IP) | FS1464 (T20IP) |

| Accessories | | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. |
|-------------|--|---------------|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
| | Insert with hole Carbide clamp set | PK254-SET | | |
| | Shim for SN .. 1207 .. | AP413-SN1207 | | |

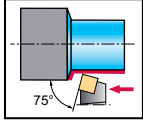
Shank tool – Rigid clamping

DSBN...-P

Walter Turn



– Precision cooling



Tool

| Designation | | h = h ₁ mm | b mm | b ₁ mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|----------------|----|--------------------------|---------|----------------------|----------------------|----------------------|---------|-----|----------------|---------------|
| DSBNR2525X12-P | 12 | 25 | 25 | 7 | 135 | 43.5 | 22 | -6° | -6° | SN .. 1204 .. |
| DSBNL2525X12-P | 12 | 25 | 25 | 7 | 135 | 43.5 | 22 | -6° | -6° | SN .. 1204 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | SN .. 1204 .. |
|--------------------------------------|-------------------------|--------------------------|
| Shim | | AP308-SN12 |
| Screw for shim Tightening torque | | FS1461 (T15IP) 2.5 Nm |
| Right clamp | | PK265R |
| Left clamp | | PK265L |
| Screw for clamp Tightening torque | | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | | FS2188 |
| G 1/8" threaded plug | | FS2258 (SW 2) |
| M6 threaded plug | | FS2288 (SW 3) |
| Torx key | | FS1465 (T15IP) |

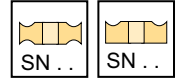
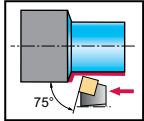
Accessories

| Type | SN .. 1204 .. |
|--|---------------|
| (standard assembly parts) Right clamp set | PK265R-SET |
| (standard assembly parts) Left clamp set | PK265L-SET |

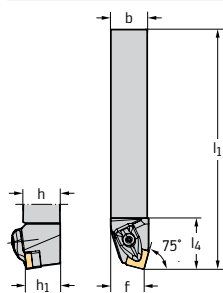
Shank tool – Rigid clamping

DSRN inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | h ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DSRNR124BM1 | 12 | 0.750 | 0.750 | 4.500 | 1.350 | 0.855 | -6° | -6° | SN .. 1204 .. SN .. 43 .. |
| DSRNR164DM1 | 12 | 1.000 | 1.000 | 6.000 | 1.350 | 1.048 | -6° | -6° | |
| DSRNR165D | 15 | 1.000 | 1.000 | 6.000 | 1.640 | 1.047 | -6° | -6° | SN .. 1506 .. SN .. 54 .. |
| DSRNR205D | 15 | 1.250 | 1.250 | 6.000 | 1.640 | 1.291 | -6° | -6° | |
| DSRNR248E | 25 | 1.500 | 1.500 | 7.000 | 2.220 | 1.697 | -6° | -6° | SN .. 2507 .. SN .. 85 .. |
| DSRNL124BM1 | 12 | 0.750 | 0.750 | 4.500 | 1.350 | 0.855 | -6° | -6° | SN .. 1204 .. SN .. 43 .. |
| DSRNL164DM1 | 12 | 1.000 | 1.000 | 6.000 | 1.350 | 1.048 | -6° | -6° | |
| DSRNL165D | 15 | 1.000 | 1.000 | 6.000 | 1.640 | 1.047 | -6° | -6° | SN .. 1506 .. SN .. 54 .. |
| DSRNL205D | 15 | 1.250 | 1.250 | 6.000 | 1.640 | 1.291 | -6° | -6° | |
| DSRNL248E | 25 | 1.500 | 1.500 | 7.000 | 2.220 | 1.697 | -6° | -6° | SN .. 2507 .. SN .. 85 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [inch] | SN .. 1204 .. SN .. 43 .. 0.75–1 | SN .. 1506 .. SN .. 54 .. 1–1.25 | SN .. 2507 .. SN .. 85 .. 1.5 |
|--------------------------------------|--|--|-------------------------------------|
| Shim | AP308-SN12 | AP309-SN15 | AP351-SN25 |
| Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs | FS1589 (T25IP) 7.007 lbs |
| Clamp | PK241 | PK242 | PK301 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs | FS1591 (T25IP) 7.007 lbs |
| Pressure spring | FS1470 | FS1471 | FS1590 |
| Pin | RS117 | RS117 | RS117 |
| Torx key | FS1465 (T15IP) | | |
| Allen key | | FS1464 (T20IP) | FS1592 (T25IP) |

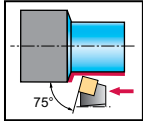
Accessories

| Type | SN .. 1204 .. SN .. 43 .. | SN .. 1506 .. SN .. 54 .. | SN .. 2507 .. SN .. 85 .. |
|--|------------------------------|------------------------------|------------------------------|
| (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK301-SET |
| Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
| Insert with hole Carbide clamp set | PK254-SET | | |
| Shim for SN .. 1207 .. | AP413-SN1207 | | |

Shank tool – Lever clamping

PSBN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|------------------|--------------|----|--------------------------|---------|----------------------|----------------------|-----|----------------|---------------|
| | | | | | | | | | |
| Square shank | PSBNR2020K12 | 12 | 20 | 20 | 27.5 | 125 | -6° | -6° | SN .. 1204 .. |
| | PSBNR2525M12 | 12 | 25 | 25 | 27.5 | 150 | -6° | -6° | |
| | PSBNR3225P12 | 12 | 32 | 25 | 27.5 | 170 | -6° | -6° | |
| | PSBNR2525M15 | 15 | 25 | 25 | 32 | 150 | -6° | -6° | SN .. 1506 .. |
| | PSBNR3232P15 | 15 | 32 | 32 | 32 | 170 | -6° | -6° | |
| | PSBNR3232P19 | 19 | 32 | 32 | 39.2 | 170 | -6° | -6° | SN .. 1906 .. |
| | PSBNR4040S19 | 19 | 40 | 40 | 41.5 | 250 | -6° | -6° | |
| | PSBNR4040S25 | 25 | 40 | 40 | 47.5 | 250 | -6° | -6° | SN .. 2507 .. |
| | PSBNR5050T25 | 25 | 50 | 50 | 47.5 | 300 | -6° | -6° | |
| | PSBNL2020K12 | 12 | 20 | 20 | 27.5 | 125 | -6° | -6° | SN .. 1204 .. |
| PSBNL2525M12 | 12 | 25 | 25 | 27.5 | 150 | -6° | -6° | | |
| PSBNL3225P12 | 12 | 32 | 25 | 27.5 | 170 | -6° | -6° | | |
| PSBNL2525M15 | 15 | 25 | 25 | 32 | 150 | -6° | -6° | SN .. 1506 .. | |
| PSBNL3232P15 | 15 | 32 | 32 | 32 | 170 | -6° | -6° | | |
| PSBNL3232P19 | 19 | 32 | 32 | 39.2 | 170 | -6° | -6° | SN .. 1906 .. | |
| PSBNL4040S19 | 19 | 40 | 40 | 41.5 | 250 | -6° | -6° | | |
| PSBNL4040S25 | 25 | 40 | 40 | 47.5 | 250 | -6° | -6° | SN .. 2507 .. | |
| PSBNL5050T25 | 25 | 50 | 50 | 47.5 | 300 | -6° | -6° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 190612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

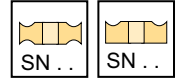
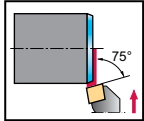
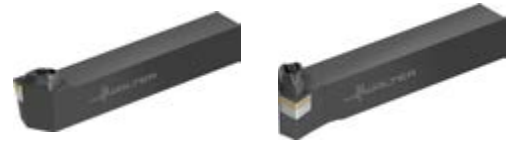
| Assembly parts | | SN .. 1204 .. 20-32 | SN .. 1506 .. 25-32 | SN .. 1906 .. 32-40 | SN .. 2507 .. 40-50 |
|----------------|-------------------------------------|------------------------|------------------------|------------------------|------------------------|
| | Shim | AP141-SN1216 | AP142-SN1524 | AP143-SN1924 | AP144-SN2524 |
| | Lever | KN102 | KN104 | KN106 | KN107 |
| | Clamping screw Tightening torque | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm | FS357 (SW 5) 14 Nm |
| | Shim pin | RS102 | RS103 | RS104 | RS105 |
| | Tapered assembly pin | MD101 | MD102 | MD102 | MD103 |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

| Accessories | | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. | SN .. 2507 .. |
|-------------|------------------------|---------------|---------------|---------------|----------------|
| | Shim | AP141-SN1208 | AP142-SN1516 | AP143-SN1912 | |
| | Shim for SN .. 2509 .. | | | | AP191-SN250924 |

Shank tool – Rigid clamping

DSKN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|------|--------------|----|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | | |
| | DSKNR2525M12 | 12 | 25 | 25 | 150 | 23.6 | 32 | -6° | -6° | SN .. 1204 .. |
| | DSKNR3232P15 | 15 | 32 | 32 | 170 | 28.9 | 40 | -6° | -6° | SN .. 1506 .. |
| | DSKNL2525M12 | 12 | 25 | 25 | 150 | 23.6 | 32 | -6° | -6° | SN .. 1204 .. |
| | DSKNL3232P15 | 15 | 32 | 32 | 170 | 28.9 | 40 | -6° | -6° | SN .. 1506 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

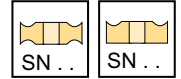
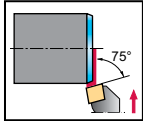
| Assembly parts | | SN .. 1204 .. 25 | SN .. 1506 .. 32 |
|----------------|---|--------------------------|--------------------------|
| | Shim Type h = h ₁ [mm] | AP308-SN12 | AP309-SN15 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 |
| | Pin | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

| Accessories | | SN .. 1204 .. | SN .. 1506 .. |
|-------------|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | PK254-SET | |
| | Shim for SN .. 1207 .. | AP413-SN1207 | |

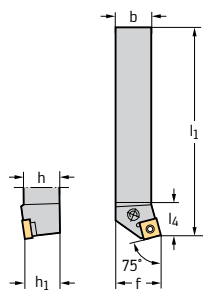
Shank tool – Lever clamping

PSKN

Walter Turn



Tool



| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | h ₁ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PSKNR2020K12 | | 12 | 20 | 25 | 23 | 128.1 | -6° | -6° | SN .. 1204 .. |
| PSKNR2525M12 | | 12 | 25 | 32 | 23 | 153.1 | -6° | -6° | |
| PSKNR3232P19 | | 19 | 32 | 40 | 32.4 | 174.6 | -6° | -6° | SN .. 1906 .. |
| PSKNL2020K12 | | 12 | 20 | 25 | 23 | 128.1 | -6° | -6° | SN .. 1204 .. |
| PSKNL2525M12 | | 12 | 25 | 32 | 23 | 153.1 | -6° | -6° | SN .. 1906 .. |
| PSKNL3232P19 | | 19 | 32 | 40 | 32.4 | 174.6 | -6° | -6° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | SN .. 1204 .. 20–25 | SN .. 1906 .. 32 |
|--|-------------------------------------|------------------------|-----------------------|
| | Shim | AP141-SN1216 | AP143-SN1924 |
| | Lever | KN102 | KN106 |
| | Clamping screw Tightening torque | FS352 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm |
| | Shim pin | RS102 | RS104 |
| | Tapered assembly pin | MD101 | MD102 |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) |

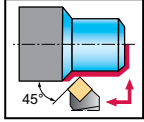
Accessories

| | Type | SN .. 1204 .. | SN .. 1906 .. |
|--|------|---------------|---------------|
| | Shim | AP141-SN1208 | AP143-SN1912 |

Shank tool – Rigid clamping

DSSN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | f mm | f ₁ mm | h ₁ mm | l ₄ mm | l ₂₀ mm | γ | λ _s | Type | |
|------------------|--------------|--|--------------------------|---------|---------|----------------------|----------------------|----------------------|-----------------------|-------|----------------|------|---------------|
| | | | | | | | | | | | | | |
| Square shank | DSSNR2020K12 | | 12 | 20 | 20 | 25 | 16.7 | 125 | 27.5 | 133.3 | -8° | 0° | SN .. 1204 .. |
| | DSSNR2525M12 | | 12 | 25 | 25 | 32 | 23.7 | 150 | 27.5 | 158.3 | -8° | 0° | |
| | DSSNR3225P12 | | 12 | 32 | 25 | 32 | 23.7 | 170 | 27.5 | 178.3 | -8° | 0° | |
| | DSSNR2525M15 | | 15 | 25 | 25 | 32 | 21.8 | 150 | 32 | 160.2 | -8° | 0° | SN .. 1506 .. |
| | DSSNR3232P15 | | 15 | 32 | 32 | 40 | 29.8 | 170 | 32 | 180.2 | -8° | 0° | |
| | DSSNR3232P19 | | 19 | 32 | 32 | 40 | 27.5 | 170 | 37 | 182.5 | -8° | 0° | SN .. 1906 .. |
| | DSSNL2020K12 | | 12 | 20 | 20 | 25 | 16.7 | 125 | 27.5 | 133.3 | -8° | 0° | SN .. 1204 .. |
| | DSSNL2525M12 | | 12 | 25 | 25 | 32 | 23.7 | 150 | 27.5 | 158.3 | -8° | 0° | |
| | DSSNL3225P12 | | 12 | 32 | 25 | 32 | 23.7 | 170 | 27.9 | 178.3 | -8° | 0° | |
| | DSSNL2525M15 | | 15 | 25 | 25 | 32 | 21.8 | 150 | 32 | 160.2 | -8° | 0° | SN .. 1506 .. |
| | DSSNL3232P15 | | 15 | 32 | 32 | 40 | 29.8 | 170 | 32 | 180.2 | -8° | 0° | |
| | DSSNL3232P19 | | 19 | 32 | 32 | 40 | 27.5 | 170 | 37 | 182.5 | -8° | 0° | SN .. 1906 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

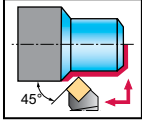
| Assembly parts | | SN .. 1204 .. 20–32 | SN .. 1506 .. 25–32 | SN .. 1906 .. 32 |
|----------------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP308-SN12 | AP309-SN15 | AP310-SN19 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 | PK243 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | | |
| | Allen key | | FS1464 (T20IP) | FS1464 (T20IP) |

| Accessories | | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. |
|-------------|--|---------------|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
| | Insert with hole Carbide clamp set | PK254-SET | | |
| | Shim for SN .. 1207 .. | AP413-SN1207 | | |

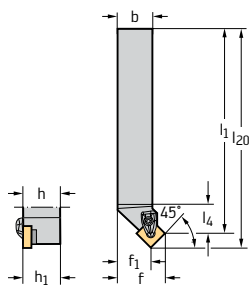
Shank tool – Rigid clamping

DSSN inch

Walter Turn



Tool



Square shank

| Designation | 12 | h = h ₁ inch | b inch | f inch | f ₁ inch | h ₁ inch | l ₄ inch | l ₂₀ inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|-----------|------------------------|------------------------|------------------------|-------------------------|-----|----------------|------------------------------|
| DSSNR164D | 12 | 1.000 | 1.000 | 1.250 | 0.922 | 6.000 | 0.748 | 6.328 | -8° | 0° | SN .. 1204 .. SN .. 43 .. |
| DSSNR165D | 15 | 1.000 | 1.000 | 1.250 | 0.847 | 6.000 | 0.898 | 6.403 | -8° | 0° | SN .. 1506 .. SN .. 54 .. |
| DSSNL164D | 12 | 1.000 | 1.000 | 1.250 | 0.922 | 6.000 | 0.748 | 6.328 | -8° | 0° | SN .. 1204 .. SN .. 43 .. |
| DSSNL165D | 15 | 1.000 | 1.000 | 1.250 | 0.847 | 6.000 | 0.898 | 6.403 | -8° | 0° | SN .. 1506 .. SN .. 54 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [inch] | SN .. 1204 .. SN .. 43 .. 1 | SN .. 1506 .. SN .. 54 .. 1 |
|--|--------------------------------------|-----------------------------------|-----------------------------------|
| | Shim | AP308-SN12 | AP309-SN15 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs |
| | Clamp | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs |
| | Pressure spring | FS1470 | FS1471 |
| | Pin | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

Accessories

| | Type | SN .. 1204 .. SN .. 43 .. | SN .. 1506 .. SN .. 54 .. |
|--|--|------------------------------|------------------------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | PK254-SET | |
| | Shim for SN .. 1207 .. | AP413-SN1207 | |

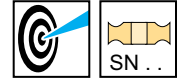
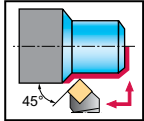
Shank tool – Rigid clamping

DSSN...-P mm

Walter Turn



– Precision cooling



| Tool | Designation | | h = h ₁ mm | b mm | f mm | f ₁ mm | l ₁ mm | l ₄ mm | l ₂₀ mm | γ | λ _s | Type |
|------|----------------|----|--------------------------|---------|---------|----------------------|----------------------|----------------------|-----------------------|-----|----------------|---------------|
| | | | | | | | | | | | | |
| | DSSNR2525X12-P | 12 | 25 | 25 | 32 | 23.7 | 130 | 48 | 138.7 | -8° | 0° | SN .. 1204 .. |
| | DSSNL2525X12-P | 12 | 25 | 25 | 32 | 23.7 | 130 | 48 | 138.7 | -8° | 0° | SN .. 1204 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

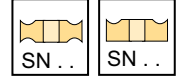
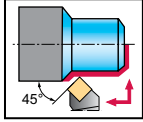
| Assembly parts | | Type | SN .. 1204 .. |
|----------------|--------------------------------------|-------------------------|--------------------------|
| | | h = h ₁ [mm] | 25 |
| | Shim | | AP308-SN12 |
| | Screw for shim Tightening torque | | FS1461 (T15IP) 2.5 Nm |
| | Right clamp | | PK265R |
| | Left clamp | | PK265L |
| | Screw for clamp Tightening torque | | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | | FS2188 |
| | G 1/8" threaded plug | | FS2258 (SW 2) |
| | M6 threaded plug | | FS2288 (SW 3) |
| | Torx key | | FS1465 (T15IP) |

| Accessories | | Type | SN .. 1204 .. |
|-------------|--|------|---------------|
| | (standard assembly parts) Right clamp set | | PK265R-SET |
| | (standard assembly parts) Left clamp set | | PK265L-SET |

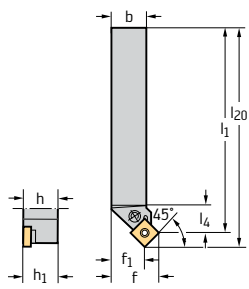
Shank tool – Lever clamping

PSSN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | f ₁ mm | l ₁ mm | l ₄ mm | l ₂₀ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|----------------------|-----------------------|-----|----------------|---------------|
| PSSNR1616H09 | | 9 | 16 | 20.4 | 13.9 | 100 | 19 | 106.1 | -8° | 0° | SN .. 0903 .. |
| PSSNR2020K12 | | 12 | 20 | 25 | 16.7 | 125 | 20.2 | 133.3 | -8° | 0° | SN .. 1204 .. |
| PSSNR2525M12 | | 12 | 25 | 32 | 23.7 | 150 | 20.2 | 158.3 | -8° | 0° | |
| PSSNR3225P12 | | 12 | 32 | 32 | 23.7 | 170 | 20.2 | 178.3 | -8° | 0° | |
| PSSNR2525M15 | | 15 | 25 | 32 | 21.8 | 150 | 25.3 | 160.2 | -8° | 0° | SN .. 1506 .. |
| PSSNR3232P19 | | 19 | 32 | 40 | 27.5 | 170 | 28 | 182.5 | -8° | 0° | SN .. 1906 .. |
| PSSNL1616H09 | | 9 | 16 | 20.4 | 13.9 | 100 | 19 | 106.1 | -8° | 0° | SN .. 0903 .. |
| PSSNL2020K12 | | 12 | 20 | 25 | 16.7 | 125 | 20.2 | 133.3 | -8° | 0° | SN .. 1204 .. |
| PSSNL2525M12 | | 12 | 25 | 32 | 23.7 | 150 | 20.2 | 158.3 | -8° | 0° | |
| PSSNL3225P12 | | 12 | 32 | 32 | 23.7 | 170 | 25.3 | 178.3 | -8° | 0° | |
| PSSNL2525M15 | | 15 | 25 | 32 | 21.8 | 150 | 25.3 | 160.2 | -8° | 0° | SN .. 1506 .. |
| PSSNL3232P19 | | 19 | 32 | 40 | 27.5 | 170 | 28 | 182.5 | -8° | 0° | SN .. 1906 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 090308 / SN .. 120408 / SN .. 150612 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | SN .. 0903 .. 16 | SN .. 1204 .. 20–32 | SN .. 1506 .. 25 | SN .. 1906 .. 32 |
|-------------------------------------|------------------------|------------------------|----------------------|-----------------------|
| Shim | AP409-SN0908 | AP141-SN1216 | AP142-SN1524 | AP143-SN1924 |
| Lever | KN101 | KN102 | KN104 | KN106 |
| Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm |
| Shim pin | RS120 | RS102 | RS103 | RS104 |
| Tapered assembly pin | MD101 | MD101 | MD102 | MD102 |
| Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) |

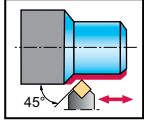
Accessories


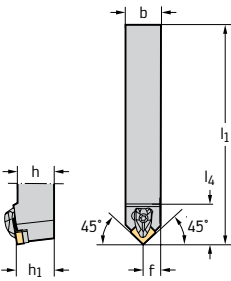
| Type | SN .. 0903 .. | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. |
|------|---------------|---------------|---------------|---------------|
| Shim | | AP141-SN1208 | AP142-SN1516 | AP143-SN1912 |

Shank tool – Rigid clamping

DSDN



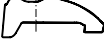




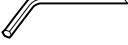
Walter Turn







| Tool | Designation |  | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|---|--------------|---|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | | |
|  | DSDNN2020K12 | 12 | 20 | 20 | 125 | 36.5 | 10.3 | -6° | -6° | SN .. 1204 .. |
| | DSDNN2525M12 | 12 | 25 | 25 | 150 | 36.5 | 12.8 | -6° | -6° | |
| | DSDNN3225P12 | 12 | 32 | 25 | 170 | 36.5 | 12.8 | -6° | -6° | |
| | DSDNN2525M15 | 15 | 25 | 25 | 150 | 44.8 | 12.8 | -6° | -6° | SN .. 1506 .. |
| | DSDNN3225P19 | 19 | 32 | 25 | 170 | 49.5 | 13 | -6° | -6° | SN .. 1906 .. |

Square shank

Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

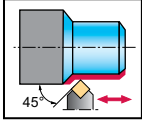
| Assembly parts | | SN .. 1204 .. 20–32 | SN .. 1506 .. 25 | SN .. 1906 .. 32 |
|---|---|--------------------------|--------------------------|--------------------------|
|  | Shim Type h = h ₁ [mm] | AP308-SN12 | AP309-SN15 | AP310-SN19 |
|  | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
|  | Clamp | PK241 | PK242 | PK243 |
|  | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
|  | Pressure spring | FS1470 | FS1471 | FS1471 |
|  | Pin | RS117 | RS117 | RS117 |
|  | Torx key | FS1465 (T15IP) | | |
|  | Allen key | | FS1464 (T20IP) | FS1464 (T20IP) |

| Accessories | | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. |
|---|--|---------------|---------------|---------------|
|  | (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
|  | Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
|  | Insert with hole Carbide clamp set | PK254-SET | | |
|  | Shim for SN .. 1207 .. | AP413-SN1207 | | |

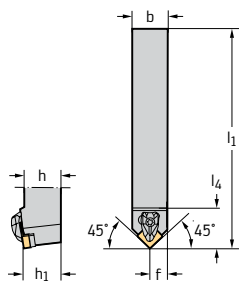
Shank tool – Rigid clamping

DSDN inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DSDNN103A | | 9 | 0.625 | 4.000 | 1.106 | 0.326 | -6° | -6° | SN .. 0903 .. SN .. 32 .. |
| DSDNN124B | | 12 | 0.750 | 4.500 | 1.450 | 0.386 | -6° | -6° | SN .. 1204 .. SN .. 43 .. |
| DSDNN164D | | 12 | 1.000 | 6.000 | 1.450 | 0.512 | -6° | -6° | |
| DSDNN204D | | 12 | 1.250 | 6.000 | 1.450 | 0.638 | -6° | -6° | SN .. 1506 .. SN .. 54 .. |
| DSDNN165D | | 15 | 1.000 | 6.000 | 1.760 | 0.520 | -6° | -6° | |
| DSDNN205D | | 15 | 1.250 | 6.000 | 1.106 | 0.326 | -6° | -6° | SN .. 1906 .. SN .. 64 .. |
| DSDNN206D | | 19 | 1.250 | 6.000 | 1.969 | 0.646 | -6° | -6° | |
| DSDNN248D | | 25 | 1.500 | 6.000 | 2.260 | 0.791 | -6° | -6° | SN .. 2507 .. SN .. 85 .. |

Measured with master insert: SN .. 090308 / SN .. 120408 / SN .. 150612 / SN .. 150608 / SN .. 190612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [inch] | SN .. 0903 .. SN .. 32 .. 0.625 | SN .. 1204 .. SN .. 43 .. 0.75–1.25 | SN .. 1506 .. SN .. 54 .. 1–1.25 | SN .. 1906 .. SN .. 64 .. 1.25 | SN .. 2507 .. SN .. 85 .. 1.5 |
|--------------------------------------|---------------------------------------|---|--|--------------------------------------|-------------------------------------|
| Shim | AP415-SN09 | AP308-SN12 | AP309-SN15 | AP310-SN19 | AP351-SN25 |
| Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs | FS1463 (T20IP) 3.688 lbs | FS1589 (T25IP) 7.007 lbs |
| Clamp | PK240 | PK241 | PK242 | PK243 | PK301 |
| Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs | FS1474 (T20IP) 4.72 lbs | FS1591 (T25IP) 7.007 lbs |
| Pressure spring | FS1469 | FS1470 | FS1471 | FS1471 | FS1590 |
| Pin | RS116 | RS117 | RS117 | RS117 | RS117 |
| Torx key | FS1466 (T9IP) | FS1465 (T15IP) | | | |
| Allen key | | | FS1464 (T20IP) | FS1464 (T20IP) | FS1592 (T25IP) |

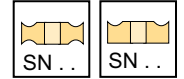
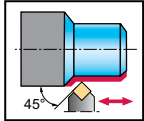
Accessories

| Type | SN .. 0903 .. SN .. 32 .. | SN .. 1204 .. SN .. 43 .. | SN .. 1506 .. SN .. 54 .. | SN .. 1906 .. SN .. 64 .. | SN .. 2507 .. SN .. 85 .. |
|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET | PK243-SET | PK301-SET |
| Insert with hole Carbide clamp set | | PK245-SET | PK246-SET | | |
| Shim for SN .. 2509 .. | | | | | AP351-SN2509 |
| Insert with hole Carbide clamp set | | PK254-SET | | | |
| Shim for SN .. 1207 .. | | AP413-SN1207 | | | |

Shank tool – Lever clamping

PSDN

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|---------------------|--------------|----|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| <p>Square shank</p> | PSDNN1212F09 | 9 | 12 | 12 | 6.3 | 20 | 80 | -6° | -6° | SN .. 0903 .. |
| | PSDNN1616H09 | 9 | 16 | 16 | 8.3 | 21 | 100 | -6° | -6° | |
| | PSDNN2020K12 | 12 | 20 | 20 | 10.3 | 27.6 | 125 | -6° | -6° | SN .. 1204 .. |
| | PSDNN2525M12 | 12 | 25 | 25 | 12.8 | 27.6 | 150 | -6° | -6° | |
| | PSDNN3225P12 | 12 | 32 | 25 | 12.8 | 27.6 | 170 | -6° | -6° | |
| | PSDNN3225P15 | 15 | 32 | 25 | 12.5 | 36 | 170 | -6° | -6° | SN .. 1506 .. |
| | PSDNN3232P19 | 19 | 32 | 32 | 16.3 | 40.4 | 170 | -6° | -6° | SN .. 1906 .. |
| | PSDNN4040S25 | 25 | 40 | 40 | 21 | 48.8 | 250 | -6° | -6° | SN .. 2507 .. |

Measured with master insert: SN .. 090308 / SN .. 120408 / SN .. 150612 / SN .. 190612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

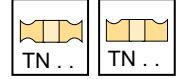
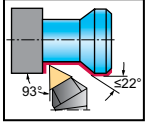
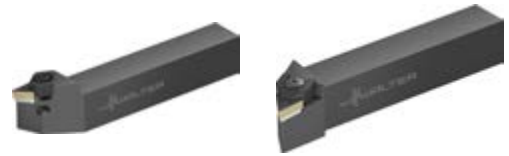
| Assembly parts | | SN .. 0903 .. 12 | SN .. 0903 .. 16 | SN .. 1204 .. 20-32 | SN .. 1506 .. 32 | SN .. 1906 .. 32 | SN .. 2507 .. 40 |
|----------------|---|-----------------------|-------------------------|------------------------|----------------------|-----------------------|-----------------------|
| | Shim Type h = h ₁ (mm) | | AP409-SN0908 | AP141-SN1216 | AP142-SN1524 | AP143-SN1924 | AP144-SN2524 |
| | Lever | KN126 | KN101 | KN102 | KN104 | KN106 | KN107 |
| | Clamping screw Tightening torque | FS2182 (SW 2) 2 Nm | FS351 (SW 2.5) 2 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm | FS357 (SW 5) 14 Nm |
| | Shim pin | | RS120 | RS102 | RS103 | RS104 | RS105 |
| | Tapered assembly pin | | MD101 | MD101 | MD102 | MD102 | MD103 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

| Accessories | | SN .. 0903 .. | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. | SN .. 2507 .. |
|-------------|------|---------------|---------------|---------------|---------------|----------------|
| | Shim | | AP141-SN1208 | AP142-SN1516 | AP143-SN1912 | AP191-SN250924 |

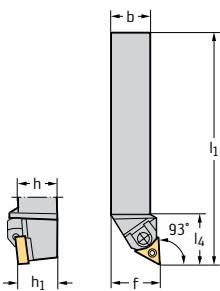
Shank tool – Wedge clamping

MTJN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|--------------|----|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| MTJNR2020K16 | 16 | 20 | 20 | 125 | 30.8 | 25 | -6° | -6° | TN .. 1604 .. |
| MTJNR2525M16 | 16 | 25 | 25 | 150 | 30.8 | 32 | -6° | -6° | |
| MTJNR3225P16 | 16 | 32 | 25 | 170 | 30.8 | 32 | -6° | -6° | |
| MTJNR2525M22 | 22 | 25 | 25 | 150 | 34.8 | 32 | -6° | -6° | TN .. 2204 .. |
| MTJNR3225P22 | 22 | 32 | 25 | 170 | 34.8 | 32 | -6° | -6° | |
| MTJNL2020K16 | 16 | 20 | 20 | 125 | 30.8 | 25 | -6° | -6° | TN .. 1604 .. |
| MTJNL2525M16 | 16 | 25 | 25 | 150 | 30.8 | 32 | -6° | -6° | |
| MTJNL3225P16 | 16 | 32 | 25 | 170 | 30.8 | 32 | -6° | -6° | |
| MTJNL2525M22 | 22 | 25 | 25 | 150 | 34.8 | 32 | -6° | -6° | TN .. 2204 .. |
| MTJNL3225P22 | 22 | 32 | 25 | 170 | 34.8 | 32 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | TN .. 1604 .. 20–32 | TN .. 2204 .. 25–32 |
|-------------------------------------|------------------------|------------------------|
| Shim | AP147 | AP148 |
| Clamping wedge set | FK303 | FK304 |
| Pin | RS106 | RS107 |
| Clamping screw Tightening torque | FS358 (SW 3) 5 Nm | FS358 (SW 3) 5 Nm |
| Allen key | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

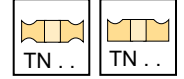
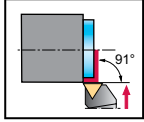
Accessories

| Type | TN .. 1604 .. | TN .. 2204 .. |
|------|---------------|---------------|
| Shim | | AP149 |

Shank tool – Rigid clamping

DTFN inch

Walter Turn



| Tool | | | $h = h_1$ inch | b inch | l_1 inch | l_4 inch | f inch | γ | λ_s | Type |
|------|-------------|----|-------------------|-----------|---------------|---------------|-----------|----------|-------------|------------------------------|
| | Designation | | | | | | | | | |
| | DTFNR164D | 22 | 1.000 | 1.000 | 6.000 | 1.228 | 1.250 | -6° | -6° | TN .. 2204 .. TN .. 43 .. |
| | DTFNL164D | 22 | 1.000 | 1.000 | 6.000 | 1.228 | 1.250 | -6° | -6° | TN .. 2204 .. TN .. 43 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

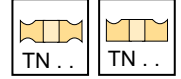
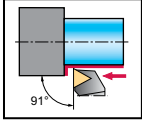
| Assembly parts | | TN .. 2204 .. TN .. 43 .. 1 |
|----------------|--------------------------------------|-----------------------------------|
| | Shim | AP322-TN22 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs |
| | Clamp | PK241 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Torx key | FS1465 (T15IP) |

| Accessories | | TN .. 2204 .. TN .. 43 .. |
|-------------|--|------------------------------|
| | (standard assembly parts) Clamp set | PK241-SET |
| | Insert without hole Carbide clamp set | PK245-SET |
| | Insert without hole Carbide clamp set | PK254-SET |

Shank tool – Rigid clamping

DTGN

Walter Turn



Tool

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| DTGNR2020K16 | | 20 | 20 | 125 | 25.4 | 25 | -6° | -6° | TN .. 1604 .. |
| DTGNR2525M16 | | 25 | 25 | 150 | 24.6 | 32 | -6° | -6° | |
| DTGNR3225P16 | | 32 | 25 | 170 | 25.3 | 32 | -6° | -6° | |
| DTGNR2525M22 | | 25 | 25 | 150 | 32.1 | 32 | -6° | -6° | TN .. 2204 .. |
| DTGNL2020K16 | | 20 | 20 | 125 | 25.4 | 25 | -6° | -6° | TN .. 1604 .. |
| DTGNL2525M16 | | 25 | 25 | 150 | 24.6 | 32 | -6° | -6° | |
| DTGNL3225P16 | | 32 | 25 | 170 | 25.3 | 32 | -6° | -6° | |
| DTGNL2525M22 | | 25 | 25 | 150 | 32.1 | 32 | -6° | -6° | TN .. 2204 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | TN .. 1604 .. 20–32 | TN .. 2204 .. 25 |
|------|--------------------------------------|-------------------------|--------------------------|
| | Shim | AP321-TN16 | AP322-TN22 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK240 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1469 | FS1470 |
| | Pin | RS116 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

Accessories

| Type | TN .. 1604 .. | TN .. 2204 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert without hole Carbide clamp set | | PK245-SET |
| Insert without hole Carbide clamp set | | PK254-SET |

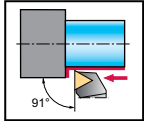
Shank tool – Rigid clamping

DTGN...-P mm

Walter Turn



– Precision cooling



| Tool | Designation | | h = h ₁ mm | b mm | b ₁ mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|------|----------------|----|--------------------------|---------|----------------------|----------------------|----------------------|---------|-----|----------------|---------------|
| | | | | | | | | | | | TN .. 1604 .. |
| | DTGNR2020X16-P | 16 | 20 | 20 | 5 | 115 | 38.5 | 25 | -6° | -6° | TN .. 1604 .. |
| | DTGNR2525X16-P | 16 | 25 | 25 | | 130 | 38.5 | 32 | -6° | -6° | |
| | DTGNL2020X16-P | 16 | 20 | 20 | 5 | 115 | 38.5 | 25 | -6° | -6° | TN .. 1604 .. |
| | DTGNL2525X16-P | 16 | 25 | 25 | | 130 | 38.5 | 32 | -6° | -6° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

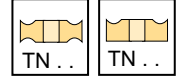
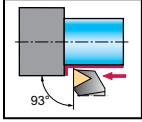
| Assembly parts | | Type | TN .. 1604 .. |
|----------------|--------------------------------------|-------------------------|--------------------------|
| | | h = h ₁ [mm] | 20–25 |
| | Shim | | AP321-TN16 |
| | Screw for shim Tightening torque | | FS1462 (T9IP) 1.5 Nm |
| | Left clamp | | PK261L |
| | Right clamp | | PK261R |
| | Screw for clamp Tightening torque | | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | | FS2188 |
| | G 1/8" threaded plug | | FS2258 (SW 2) |
| | M6 threaded plug | | FS2288 (SW 3) |
| | Torx key | | FS1465 (T15IP) |

| Accessories | | Type | TN .. 1604 .. |
|-------------|--|------|---------------|
| | (standard assembly parts) Left clamp set | | PK261L-SET |
| | (standard assembly parts) Right clamp set | | PK261R-SET |

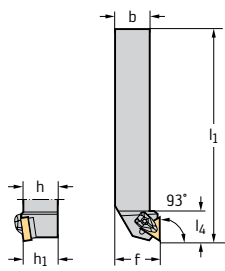
Shank tool – Rigid clamping

DTJN inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DTJNR123B | 16 | 0.750 | 0.750 | 4.500 | 0.953 | 1.000 | -6° | -6° | TN .. 1604 .. TN .. 33 .. |
| DTJNR163D | 16 | 1.000 | 1.000 | 6.000 | 0.980 | 1.250 | -6° | -6° | |
| DTJNR164D | 22 | 1.000 | 1.000 | 6.000 | 1.283 | 1.250 | -6° | -6° | TN .. 2204 .. TN .. 43 .. |
| DTJNR205D | 27 | 1.250 | 1.250 | 6.000 | 1.566 | 1.500 | -6° | -6° | TN .. 2706 .. TN .. 54 .. |
| DTJNL123B | 16 | 0.750 | 0.750 | 4.500 | 0.953 | 1.000 | -6° | -6° | TN .. 1604 .. TN .. 33 .. |
| DTJNL163D | 16 | 1.000 | 1.000 | 6.000 | 0.980 | 1.250 | -6° | -6° | |
| DTJNL164D | 22 | 1.000 | 1.000 | 6.000 | 1.283 | 1.250 | -6° | -6° | TN .. 2204 .. TN .. 43 .. |
| DTJNL205D | 27 | 1.250 | 1.250 | 6.000 | 1.566 | 1.500 | -6° | -6° | TN .. 2706 .. TN .. 54 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 / TN .. 270612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | TN .. 1604 .. TN .. 33 .. 0.75–1 | TN .. 2204 .. TN .. 43 .. 1 | TN .. 2706 .. TN .. 54 .. 1.25 |
|------|--------------------------------------|--|-----------------------------------|--------------------------------------|
| | Shim | AP321-TN16 | AP322-TN22 | AP323-TN27 |
| | Screw for shim | | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs |
| | Clamping screw Tightening torque | FS1462 (T9IP) 1.106 lbs | | |
| | Clamp | PK240 | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs |
| | Pressure spring | FS1469 | FS1470 | FS1471 |
| | Pin | RS116 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

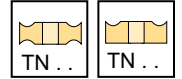
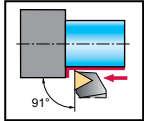
Accessories

| Type | Type | TN .. 1604 .. TN .. 33 .. | TN .. 2204 .. TN .. 43 .. | TN .. 2706 .. TN .. 54 .. |
|------|--|------------------------------|------------------------------|------------------------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| | Insert without hole Carbide clamp set | | PK245-SET | |
| | Insert without hole Carbide clamp set | | PK254-SET | |

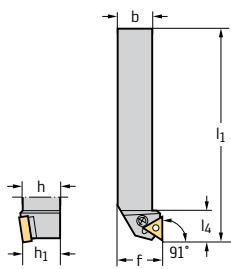
Shank tool – Lever clamping

PTGN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PTGNR1616H11 | | 11 | 16 | 20 | 18 | 100 | -6° | -6° | TN .. 1103 .. |
| PTGNR1616H16 | | 16 | 16 | 20 | 20.2 | 100 | -6° | -6° | TN .. 1604 .. |
| PTGNR2020K16 | | 16 | 20 | 25 | 20.2 | 125 | -6° | -6° | |
| PTGNR2525M16 | | 16 | 25 | 32 | 22.2 | 150 | -6° | -6° | |
| PTGNR3225P16 | | 16 | 32 | 32 | 22.2 | 170 | -6° | -6° | |
| PTGNR4040S27 | | 27 | 40 | 50 | 34 | 250 | -6° | -6° | TN .. 2706 .. |
| PTGNL1616H11 | | 11 | 16 | 20 | 18 | 100 | -6° | -6° | TN .. 1103 .. |
| PTGNL1616H16 | | 16 | 16 | 20 | 20.2 | 100 | -6° | -6° | TN .. 1604 .. |
| PTGNL2020K16 | | 16 | 20 | 25 | 20.2 | 125 | -6° | -6° | |
| PTGNL2525M16 | | 16 | 25 | 32 | 22.2 | 150 | -6° | -6° | |
| PTGNL3225P16 | | 16 | 32 | 32 | 22.2 | 170 | -6° | -6° | |
| PTGNL4040S27 | | 27 | 40 | 50 | 34 | 250 | -6° | -6° | TN .. 2706 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 110304 / TN .. 160408 / TN .. 270612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | TN .. 1103 .. 16 | TN .. 1604 .. 16–32 | TN .. 2706 .. 40 |
|-------------------------------------|-----------------------|------------------------|-----------------------|
| Shim | | AP137-TN1616 | AP193-TN2716 |
| Lever | KN127 | KN101 | KN125 |
| Clamping screw Tightening torque | FS2182 (SW 2) 2 Nm | FS351 (SW 2.5) 2 Nm | FS2156 (SW 3) 5 Nm |
| Shim pin | | RS101 | RS103 |
| Tapered assembly pin | | MD101 | MD102 |
| Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) |

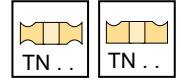
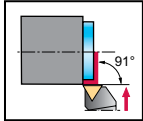
Accessories

| Type | TN .. 1103 ..–TN .. 2706 .. | TN .. 1604 .. |
|------|-----------------------------|---------------|
| Shim | | AP137-TN1608 |

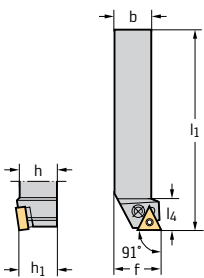
Shank tool – Lever clamping

PTFN

Walter Turn



Tool



Square shank

| Designation | | $h = h_1$ mm | b mm | f mm | l_4 mm | l_1 mm | γ | λ_s | Type |
|--------------|----|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| PTFNR1616H16 | 16 | 16 | 16 | 20 | 19.7 | 100 | -6° | -6° | TN .. 1604 .. |
| PTFNR2020K16 | 16 | 20 | 20 | 25 | 20.2 | 125 | -6° | -6° | |
| PTFNR2525M16 | 16 | 25 | 25 | 32 | 20.2 | 150 | -6° | -6° | |
| PTFNL1616H16 | 16 | 16 | 16 | 20 | 19.7 | 100 | -6° | -6° | TN .. 1604 .. |
| PTFNL2020K16 | 16 | 20 | 20 | 25 | 20.2 | 125 | -6° | -6° | |
| PTFNL2525M16 | 16 | 25 | 25 | 32 | 20.2 | 150 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | TN .. 1604 .. 16–25 |
|------|-------------------------------------|------------------------|
| | Shim | AP137-TN1616 |
| | Lever | KN101 |
| | Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm |
| | Shim pin | RS101 |
| | Tapered assembly pin | MD101 |
| | Allen key | ISO2936-2.5 (SW 2.5) |

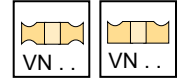
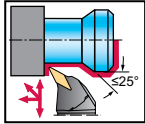
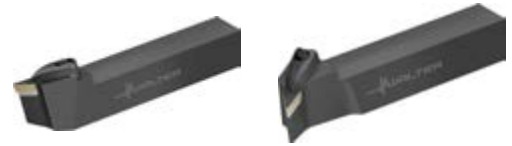
Accessories

| Type | TN .. 1604 .. |
|------|---------------|
| | AP137-TN1608 |

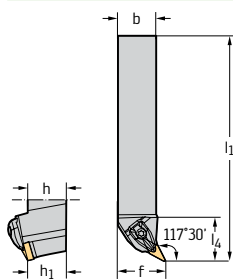
Shank tool – Rigid clamping

DVPN

Walter Turn



Tool



Square shank

| Designation | | $h = h_1$ mm | b mm | l_1 mm | l_4 mm | f mm | γ | λ_s | Type |
|--------------|--|-----------------|---------|-------------|-------------|---------|----------|-------------|---------------|
| DVPNR2525M16 | | 16 | 25 | 150 | 39.2 | 32 | -4° | -13° | VN .. 1604 .. |
| DVPNR3225P16 | | 16 | 32 | 170 | 39.2 | 32 | -4° | -13° | |
| DVPNL2525M16 | | 16 | 25 | 150 | 39.2 | 32 | -4° | -13° | VN .. 1604 .. |
| DVPNL3225P16 | | 16 | 32 | 170 | 39.2 | 32 | -4° | -13° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | VN .. 1604 .. 25-32 |
|--|--------------------------------------|--------------------------|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Clamp | PK244 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Torx key | FS1465 (T15IP) |

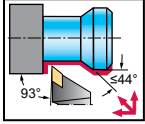
Accessories

| | Type | VN .. 1604 .. |
|--|--|---------------|
| | (standard assembly parts) Clamp set | PK244-SET |

Shank tool – Rigid clamping

DVJN

Walter Turn



Tool

| Designation | | $h = h_1$ mm | b mm | l_1 mm | l_4 mm | f mm | γ | λ_s | Type |
|--------------|--|-----------------|-----------|-------------|-------------|-----------|----------|-------------|---------------|
| DVJNR2020K16 | | 16 | 20 | 125 | 46.6 | 25 | -4° | -13° | VN .. 1604 .. |
| DVJNR2525M16 | | 16 | 25 | 150 | 46.6 | 32 | -4° | -13° | |
| DVJNR3225P16 | | 16 | 32 | 170 | 46.6 | 32 | -4° | -13° | |
| DVJNL2020K16 | | 16 | 20 | 125 | 46.6 | 25 | -4° | -13° | VN .. 1604 .. |
| DVJNL2525M16 | | 16 | 25 | 150 | 46.6 | 32 | -4° | -13° | |
| DVJNL3225P16 | | 16 | 32 | 170 | 46.6 | 32 | -4° | -13° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | $h = h_1$ [mm] | VN .. 1604 .. 20-32 |
|------|--------------------------------------|--------------------------|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Clamp | PK244 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Torx key | FS1465 (T15IP) |

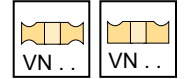
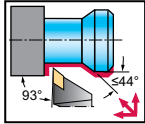
Accessories

| Type | VN .. 1604 .. |
|------|--|
| | (standard assembly parts) Clamp set |
| | PK244-SET |

Shank tool – Rigid clamping

DVJN inch

Walter Turn



| Tool | Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|---------------------|-------------|----|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| | | | | | | | | | | Type |
| <p>Square shank</p> | DVJNR123B | 16 | 0.750 | 0.750 | 4.500 | 1.830 | 1.000 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| | DVJNR163D | 16 | 1.000 | 1.000 | 6.000 | 1.830 | 1.250 | -4° | -13° | |
| | DVJNR203D | 16 | 1.250 | 1.250 | 6.000 | 1.830 | 1.500 | -4° | -13° | |
| | DVJNL123B | 16 | 0.750 | 0.750 | 4.500 | 1.830 | 1.000 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| | DVJNL163D | 16 | 1.000 | 1.000 | 6.000 | 1.830 | 1.250 | -4° | -13° | |
| | DVJNL203D | 16 | 1.250 | 1.250 | 6.000 | 1.830 | 1.500 | -4° | -13° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | VN .. 1604 .. VN .. 33 .. 0.75-1.25 |
|----------------|--------------------------------------|---|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 2.213 lbs |
| | Clamp | PK244 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Torx key | FS1465 (T15IP) |

| Accessories | | VN .. 1604 .. VN .. 33 .. |
|-------------|--|------------------------------|
| | (standard assembly parts) Clamp set | PK244-SET |

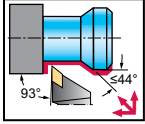
Shank tool – Rigid clamping

DVJN...-P

Walter Turn



– Precision cooling



Tool

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|----------------|--|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| DVJNR2020X16-P | | 16 | 20 | 125 | 48.5 | 25 | -4° | -13° | VN .. 1604 .. |
| DVJNR2525X16-P | | 16 | 25 | 140 | 48 | 32 | -4° | -13° | |
| DVJNL2020X16-P | | 16 | 20 | 125 | 48.5 | 25 | -4° | -13° | VN .. 1604 .. |
| DVJNL2525X16-P | | 16 | 25 | 140 | 48 | 32 | -4° | -13° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | VN .. 1604 .. 20–25 |
|------|--------------------------------------|--------------------------|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Right clamp | PK261R |
| | Left clamp | PK261L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) |

Accessories

| Type | VN .. 1604 .. |
|--|---------------|
| (standard assembly parts) Right clamp set | PK261R-SET |
| (standard assembly parts) Left clamp set | PK261L-SET |

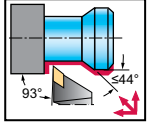
Shank tool – Rigid clamping

DVJN...-P inch

Walter Turn



– Precision cooling



Tool

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DVJNR123B-P | | 16 | 0.750 | 0.750 | 4.496 | 1.906 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| DVJNR163D-P | | 16 | 1.000 | 1.000 | 5.996 | 1.906 | -4° | -13° | |
| DVJNL123B-P | | 16 | 0.750 | 0.750 | 4.496 | 1.906 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| DVJNL163D-P | | 16 | 1.000 | 1.000 | 5.996 | 1.906 | -4° | -13° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [inch] | VN .. 1604 .. VN .. 33 .. 0.75–1 |
|--------------------------------------|---------------------------|--|
| Shim | | AP312-VN16 |
| Screw for shim Tightening torque | | FS1467 (T15IP) 2.213 lbs |
| Right clamp | | PK261R |
| Left clamp | | PK261L |
| Screw for clamp Tightening torque | | FS1473 (T15IP) 2.876 lbs |
| Pressure spring | | FS2188 |
| G 1/8" threaded plug | | FS2258 (SW 2) |
| M6 threaded plug | | FS2288 (SW 3) |
| Torx key | | FS1465 (T15IP) |

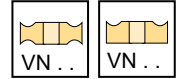
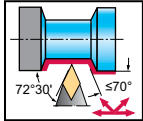
Accessories

| Type | VN .. 1604 .. VN .. 33 .. |
|--|------------------------------|
| (standard assembly parts) Right clamp set | PK261R-SET |
| (standard assembly parts) Left clamp set | PK261L-SET |

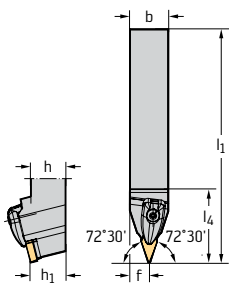
Shank tool – Rigid clamping

DVVN

Walter Turn



Tool



Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

Type

DVVNN2020K16

16

20

20

125

47.8

10.6

-4°

-13°

VN .. 1604 ..

DVVNN2525M16

16

25

25

150

47.8

13.1

-4°

-13°

DVVNN3225P16

16

32

25

170

47.8

13.1

-4°

-13°

Square shank

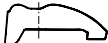
Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [mm]VN .. 1604 ..
20–32

Shim

AP312-VN16

Screw for shim
Tightening torqueFS1467 (T15IP)
3 Nm

Clamp

PK244

Screw for clamp
Tightening torqueFS1473 (T15IP)
3.9 Nm

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

VN .. 1604 ..

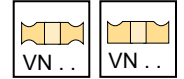
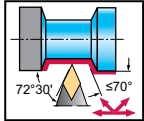
(standard assembly parts)
Clamp set

PK244-SET

Shank tool – Rigid clamping

DVVN inch

Walter Turn



| Tool | | | $h = h_1$ inch | b inch | l_1 inch | l_4 inch | f inch | γ | λ_s | Type |
|-----------|-------------|-------|-------------------|-----------|---------------|---------------|-----------|----------|-------------|------------------------------|
| | Designation | | | | | | | | | |
| | DVVNN123B | 16 | 0.750 | 0.750 | 4.500 | 1.880 | 0.398 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| | DVVNN163D | 16 | 1.000 | 1.000 | 6.000 | 1.880 | 0.524 | -4° | -13° | |
| DVVNN203D | 16 | 1.250 | 1.250 | 6.000 | 1.880 | 0.650 | -4° | -13° | | |

Square shank

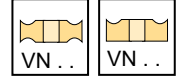
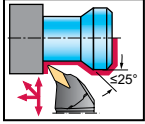
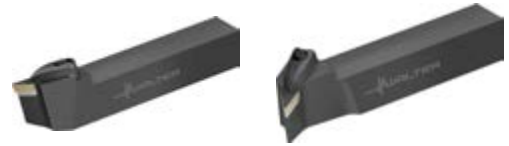
Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | VN .. 1604 .. VN .. 33 .. 0.75–1.25 |
|----------------|--|------------------|---|
| | Shim | h = h_1 [inch] | AP312-VN16 |
| | Screw for shim Tightening torque | | FS1467 (T15IP) 2.213 lbs |
| | Clamp | | PK244 |
| | Screw for clamp Tightening torque | | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | | FS1470 |
| | Pin | | RS117 |
| | Torx key | | FS1465 (T15IP) |
| Accessories | | Type | VN .. 1604 .. VN .. 33 .. |
| | (standard assembly parts) Clamp set | | PK244-SET |

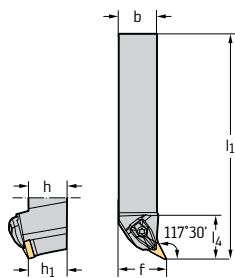
Shank tool – Rigid clamping

DVTN inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DVTNR123B | | 0.750 | 0.750 | 4.500 | 1.543 | 1.000 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| DVTNR163D | | 1.000 | 1.000 | 6.000 | 1.544 | 1.250 | -4° | -13° | |
| DVTNR203D | | 1.250 | 1.250 | 6.000 | 1.544 | 1.500 | -4° | -13° | |
| DVTNL123B | | 0.750 | 0.750 | 4.500 | 1.543 | 1.000 | -4° | -13° | VN .. 1604 .. VN .. 33 .. |
| DVTNL163D | | 1.000 | 1.000 | 6.000 | 1.544 | 1.250 | -4° | -13° | |
| DVTNL203D | | 1.250 | 1.250 | 6.000 | 1.544 | 1.500 | -4° | -13° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [inch] | VN .. 1604 .. VN .. 33 .. 0.75–1.25 |
|--|--------------------------------------|---|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 2.213 lbs |
| | Clamp | PK244 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Torx key | FS1465 (T15IP) |

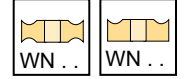
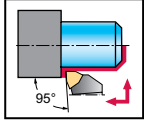
Accessories

| | Type | VN .. 1604 .. VN .. 33 .. |
|--|--|------------------------------|
| | (standard assembly parts) Clamp set | PK244-SET |

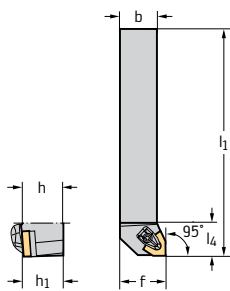
Shank tool – Rigid clamping

DWLN

Walter Turn



Tool



Square shank

| Designation | | $h = h_1$ mm | b mm | l_1 mm | l_4 mm | f mm | γ | λ_s | Type |
|-------------|--|-----------------|---------|-------------|-------------|---------|----------|-------------|---------------|
| DWLN1616H06 | | 6 | 16 | 100 | 26.4 | 20 | -6° | -6° | WN .. 0604 .. |
| DWLN2020K06 | | 6 | 20 | 125 | 27.1 | 25 | -6° | -6° | |
| DWLN2525M06 | | 6 | 25 | 150 | 27.1 | 32 | -6° | -6° | |
| DWLN2020K08 | | 8 | 20 | 125 | 34.3 | 25 | -6° | -6° | WN .. 0804 .. |
| DWLN2525M08 | | 8 | 25 | 150 | 35 | 32 | -6° | -6° | |
| DWLN3225P08 | | 8 | 32 | 170 | 35 | 32 | -6° | -6° | |
| DWLN2525M10 | | 10 | 25 | 150 | 40.3 | 32 | -6° | -6° | WN .. 1006 .. |
| DWLN3225P10 | | 10 | 32 | 170 | 40.3 | 32 | -6° | -6° | |
| DWLN3232P10 | | 10 | 32 | 170 | 41.8 | 40 | -6° | -6° | |
| DWLN1616H06 | | 6 | 16 | 100 | 26.4 | 20 | -6° | -6° | WN .. 0604 .. |
| DWLN2020K06 | | 6 | 20 | 125 | 27.1 | 25 | -6° | -6° | |
| DWLN2525M06 | | 6 | 25 | 150 | 27.1 | 32 | -6° | -6° | |
| DWLN2020K08 | | 8 | 20 | 125 | 34.3 | 25 | -6° | -6° | WN .. 0804 .. |
| DWLN2525M08 | | 8 | 25 | 150 | 35 | 32 | -6° | -6° | |
| DWLN3225P08 | | 8 | 32 | 170 | 35 | 32 | -6° | -6° | |
| DWLN2525M10 | | 10 | 25 | 150 | 40.3 | 32 | -6° | -6° | WN .. 1006 .. |
| DWLN3225P10 | | 10 | 32 | 170 | 40.3 | 32 | -6° | -6° | |
| DWLN3232P10 | | 10 | 32 | 170 | 41.8 | 40 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type $h = h_1$ [mm] | WN .. 0604 .. 16–25 | WN .. 0804 .. 20–32 | WN .. 1006 .. 25–32 |
|--------------------------------------|-------------------------|--------------------------|--------------------------|
| Shim | AP306-WN06 | AP307-WN08 | AP311-WN10 |
| Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| Clamp | PK240 | PK241 | PK242 |
| Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| Pressure spring | FS1469 | FS1470 | FS1471 |
| Pin | RS116 | RS117 | RS117 |
| Torx key | FS1466 (T9IP) | FS1465 (T15IP) | |
| Allen key | | | FS1464 (T20IP) |

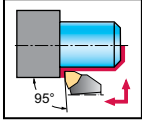
Accessories

| Type | WN .. 0604 .. | WN .. 0804 .. | WN .. 1006 .. |
|--|---------------|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| Insert with hole Carbide clamp set | | PK254-SET | |

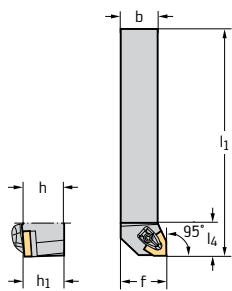
Shank tool – Rigid clamping

DWLN inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|------------------------|------------------------|-----------|-----|----------------|------------------------------|
| DWLN123C | 6 | 0.750 | 0.750 | 5.000 | 1.950 | 1.000 | -6° | -6° | WN .. 0604 .. WN .. 33 .. |
| DWLN163D | 6 | 1.000 | 1.000 | 6.000 | 1.950 | 1.250 | -6° | -6° | |
| DWLN124C | 8 | 0.750 | 0.750 | 5.000 | 1.378 | 1.000 | -6° | -6° | WN .. 0804 .. WN .. 43 .. |
| DWLN164D | 8 | 1.000 | 1.000 | 6.000 | 1.35 | 1.250 | -6° | -6° | |
| DWLN204D | 8 | 1.250 | 1.250 | 6.000 | 1.378 | 1.500 | -6° | -6° | |
| DWLN165D | 10 | 1.000 | 1.000 | 6.000 | 1.54 | 1.000 | -6° | -6° | WN .. 1006 .. WN .. 54 .. |
| DWLN123C | 6 | 0.750 | 0.750 | 5.000 | 1.950 | 1.000 | -6° | -6° | WN .. 0604 .. WN .. 33 .. |
| DWLN163D | 6 | 1.000 | 1.000 | 6.000 | 1.950 | 1.250 | -6° | -6° | |
| DWLN124C | 8 | 0.750 | 0.750 | 5.000 | 1.378 | 1.000 | -6° | -6° | WN .. 0804 .. WN .. 43 .. |
| DWLN164D | 8 | 1.000 | 1.000 | 6.000 | 1.35 | 1.250 | -6° | -6° | |
| DWLN204D | 8 | 1.250 | 1.250 | 6.000 | 1.378 | 1.500 | -6° | -6° | |
| DWLN165D | 10 | 1.000 | 1.000 | 6.000 | 1.54 | 1.000 | -6° | -6° | WN .. 1006 .. WN .. 54 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | WN .. 0604 .. WN .. 33 .. 0.75–1 | WN .. 0804 .. WN .. 43 .. 0.75–1.25 | WN .. 1006 .. WN .. 54 .. 1 |
|------|--------------------------------------|--|---|-----------------------------------|
| | Shim | AP306-WN06 | AP307-WN08 | AP311-WN10 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs |
| | Clamp | PK240 | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs |
| | Pressure spring | FS1469 | FS1470 | FS1471 |
| | Pin | RS116 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

Accessories

| Type | Type | WN .. 0604 .. WN .. 33 .. | WN .. 0804 .. WN .. 43 .. | WN .. 1006 .. WN .. 54 .. |
|------|--|------------------------------|------------------------------|------------------------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | | PK254-SET | |

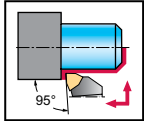
Shank tool – Rigid clamping

DWLN...-P

Walter Turn

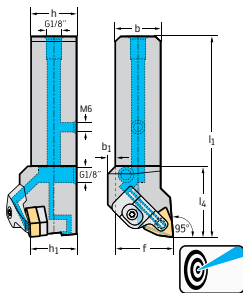


– Precision cooling



Tool

| Designation | | h = h ₁ mm | b mm | b ₁ mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|---------------|--|--------------------------|---------|----------------------|----------------------|----------------------|---------|-------|----------------|---------------|
| DWLN2020X08-P | | 8 | 20 | 0 | 120 | 43.5 | 25 | -6.5° | -5.5° | WN .. 0804 .. |
| DWLN2525X08-P | | 8 | 25 | 0 | 135 | 43.5 | 32 | -6.5° | -5.5° | |
| DWLN2020X08-P | | 8 | 20 | 0 | 120 | 43.5 | 25 | -6.5° | -5.5° | WN .. 0804 .. |
| DWLN2525X08-P | | 8 | 25 | 0 | 135 | 43.5 | 32 | -6.5° | -5.5° | |



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 080408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | WN .. 0804 .. 20–25 |
|------|--------------------------------------|--------------------------|
| | Shim | AP307-WN08 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm |
| | Right clamp | PK266R |
| | Left clamp | PK266L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) |

Accessories

| Type | WN .. 0804 .. | |
|------|--|------------|
| | (standard assembly parts) Right clamp set | PK266R-SET |
| | (standard assembly parts) Left clamp set | PK266L-SET |

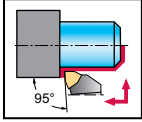
Shank tool – Rigid clamping

DWLN...-P inch

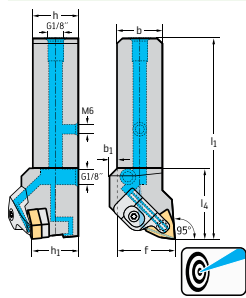
Walter Turn



– Precision cooling



Tool



| Designation | | $h = h_1$ inch | b inch | b_1 inch | l_1 inch | l_4 inch | f inch | γ | λ_s | Type | |
|-------------|--|-------------------|-----------|---------------|---------------|---------------|-----------|----------|-------------|-------|------------------------------|
| DWLN124B-P | | 8 | 0.750 | 0.750 | 0 | 4.500 | 1.713 | 1.000 | -5.5° | -6° | WN .. 0804 .. WN .. 43 .. |
| DWLN164D-P | | 8 | 1.000 | 1.000 | 0 | 6.000 | 1.713 | 1.250 | -6.5° | -5.5° | |
| DWLN124B-P | | 8 | 0.750 | 0.750 | 0 | 4.500 | 1.713 | 1.000 | -5.5° | -6° | WN .. 0804 .. WN .. 43 .. |
| DWLN164D-P | | 8 | 1.000 | 1.000 | 0 | 6.000 | 1.713 | 1.250 | -6.5° | -5.5° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 080408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [inch] | WN .. 0804 .. WN .. 43 .. 0.75–1 |
|--|--------------------------------------|--|
| | Shim | AP307-WN08 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 1.844 lbs |
| | Right clamp | PK266R |
| | Left clamp | PK266L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS2188 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) |

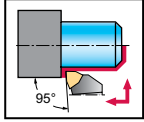
Accessories

| | Type | WN .. 0804 .. WN .. 43 .. |
|--|--|------------------------------|
| | (standard assembly parts) Right clamp set | PK266R-SET |
| | (standard assembly parts) Left clamp set | PK266L-SET |

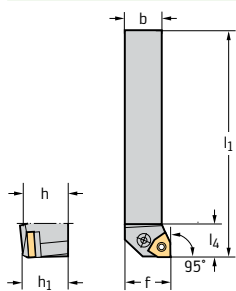
Shank tool – Lever clamping

PWLN

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₁ mm | γ | λ _s | Type |
|-------------|--|--------------------------|---------|---------|----------------------|----------------------|-----|----------------|---------------|
| PWLN1616H06 | | 6 | 16 | 20 | 18.5 | 100 | -6° | -6° | WN .. 0604 .. |
| PWLN2020K06 | | 6 | 20 | 25 | 18.5 | 125 | -6° | -6° | |
| PWLN2525M06 | | 6 | 25 | 32 | 18.5 | 150 | -6° | -6° | |
| PWLN2020K08 | | 8 | 20 | 25 | 22 | 125 | -6° | -6° | WN .. 0804 .. |
| PWLN2525M08 | | 8 | 25 | 32 | 22 | 150 | -6° | -6° | |
| PWLN3225P08 | | 8 | 32 | 32 | 22 | 170 | -6° | -6° | |
| PWLN2525M10 | | 10 | 25 | 32 | 22 | 150 | -6° | -6° | WN .. 1006 .. |
| PWLN3225P10 | | 10 | 32 | 32 | 22 | 170 | -6° | -6° | |
| PWLN1616H06 | | 6 | 16 | 20 | 18.5 | 100 | -6° | -6° | WN .. 0604 .. |
| PWLN2020K06 | | 6 | 20 | 25 | 18.5 | 125 | -6° | -6° | |
| PWLN2525M06 | | 6 | 25 | 32 | 18.5 | 150 | -6° | -6° | |
| PWLN2020K08 | | 8 | 20 | 25 | 22 | 125 | -6° | -6° | WN .. 0804 .. |
| PWLN2525M08 | | 8 | 25 | 32 | 22 | 150 | -6° | -6° | |
| PWLN3225P08 | | 8 | 32 | 32 | 22 | 170 | -6° | -6° | |
| PWLN2525M10 | | 10 | 25 | 32 | 22 | 150 | -6° | -6° | WN .. 1006 .. |
| PWLN3225P10 | | 10 | 32 | 32 | 22 | 170 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ (mm) | WN .. 0604 .. 16–25 | WN .. 0804 .. 20–32 | WN .. 1006 .. 25–32 |
|-------------------------------------|------------------------|------------------------|------------------------|
| Shim | AP172-WN0612 | AP170-WN0816 | AP174-WN1016 |
| Lever | KN101 | KN102 | KN104 |
| Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm |
| Shim pin | RS101 | RS102 | RS103 |
| Tapered assembly pin | MD101 | MD101 | MD102 |
| Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

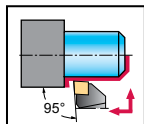
Accessories

| Type | WN .. 0604 ..–WN .. 1006 .. | WN .. 0804 .. |
|------|-----------------------------|---------------|
| Shim | | AP170-WN0808 |

Shank tool – Screw clamping

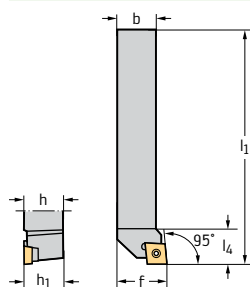
SCLC

Walter Turn



Tool

| Designation | | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|--------------|--|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| SCLCR1010E06 | | 6 | 10 | 12 | 70 | 11 | 0° | 0° | CC .. 0602 .. |
| SCLCR1212F06 | | 6 | 12 | 16 | 80 | 10 | 0° | 0° | |
| SCLCR1616H06 | | 6 | 16 | 20 | 100 | 12 | 0° | 0° | |
| SCLCR2020K06 | | 6 | 20 | 25 | 125 | 12 | 0° | 0° | |
| SCLCR1212F09 | | 9 | 12 | 16 | 80 | 15.6 | 0° | 0° | CC .. 09T3 .. |
| SCLCR1616H09 | | 9 | 16 | 20 | 100 | 16.8 | 0° | 0° | |
| SCLCR2020K09 | | 9 | 20 | 25 | 125 | 17.8 | 0° | 0° | |
| SCLCR2525M09 | | 9 | 25 | 32 | 150 | 17 | 0° | 0° | |
| SCLCR2020K12 | | 12 | 20 | 25 | 125 | 21.7 | 0° | 0° | CC .. 1204 .. |
| SCLCR2525M12 | | 12 | 25 | 32 | 150 | 23.7 | 0° | 0° | |
| SCLCL1010E06 | | 6 | 10 | 12 | 70 | 11 | 0° | 0° | CC .. 0602 .. |
| SCLCL1212F06 | | 6 | 12 | 16 | 80 | 10 | 0° | 0° | |
| SCLCL1616H06 | | 6 | 16 | 20 | 100 | 12 | 0° | 0° | |
| SCLCL2020K06 | | 6 | 20 | 25 | 125 | 12 | 0° | 0° | |
| SCLCL1212F09 | | 9 | 12 | 16 | 80 | 15.6 | 0° | 0° | CC .. 09T3 .. |
| SCLCL1616H09 | | 9 | 16 | 20 | 100 | 16.8 | 0° | 0° | |
| SCLCL2020K09 | | 9 | 20 | 25 | 125 | 17.8 | 0° | 0° | |
| SCLCL2525M09 | | 9 | 25 | 32 | 150 | 17 | 0° | 0° | |
| SCLCL2020K12 | | 12 | 20 | 25 | 125 | 21.7 | 0° | 0° | CC .. 1204 .. |
| SCLCL2525M12 | | 12 | 25 | 32 | 150 | 23.7 | 0° | 0° | |



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

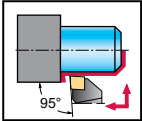
Assembly parts

| Type h = h ₁ [mm] | CC .. 0602 .. 10–20 | CC .. 09T3 .. 12 | CC .. 09T3 .. 16–25 | CC .. 1204 .. 20–25 |
|--|-------------------------|------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm |
| Shim | | | AP313-CC0908 | AP314-CC1212 |
| Screw for shim | | | FS2068 (SW 3.5) | FS2069 (SW 4) |
| Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1496 (T15IP) |

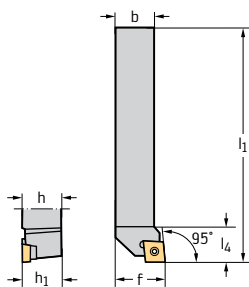
Shank tool – Screw clamping

SCLC inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|-----------|------------------------|------------------------|----|----------------|----------------------------------|
| SCLCR062 | | 6 | 0.375 | 0.375 | 0.500 | 2.500 | 0° | 0° | CC .. 0602 .. CC .. 2(1.5) .. |
| SCLCR082B | | 6 | 0.500 | 0.500 | 0.625 | 4.500 | 0° | 0° | |
| SCLCR083 | | 9 | 0.500 | 0.500 | 0.625 | 3.500 | 0° | 0° | CC .. 09T3 .. CC .. 3(2.5) .. |
| SCLCR103 | | 9 | 0.625 | 0.625 | 0.750 | 4.000 | 0° | 0° | |
| SCLCR123B | | 9 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | |
| SCLCR163D | | 9 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | |
| SCLCR164D | | 12 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | CC .. 1204 .. CC .. 43 .. |
| SCLCR204D | | 12 | 1.250 | 1.250 | 1.500 | 6.000 | 0° | 0° | |
| SCLCL062 | | 6 | 0.375 | 0.375 | 0.500 | 2.500 | 0° | 0° | CC .. 0602 .. CC .. 2(1.5) .. |
| SCLCL082B | | 6 | 0.500 | 0.500 | 0.625 | 4.500 | 0° | 0° | |
| SCLCL083 | | 9 | 0.500 | 0.500 | 0.625 | 3.500 | 0° | 0° | CC .. 09T3 .. CC .. 3(2.5) .. |
| SCLCL103 | | 9 | 0.625 | 0.625 | 0.750 | 4.000 | 0° | 0° | |
| SCLCL123B | | 9 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | |
| SCLCL163D | | 9 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | |
| SCLCL164D | | 12 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | CC .. 1204 .. CC .. 43 .. |
| SCLCL204D | | 12 | 1.250 | 1.250 | 1.500 | 6.000 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 / CC .. 09T304 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [inch] | CC .. 0602 .. CC .. 2(1.5) .. 0.375–0.5 | CC .. 09T3 .. CC .. 3(2.5) .. 0.5 | CC .. 09T3 .. CC .. 3(2.5) .. 0.625–1 | CC .. 1204 .. CC .. 43 .. 1–1.25 |
|--|--|---|---|---|--|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2063 (T15IP) 2.213 lbs | FS2060 (T15IP) 2.213 lbs | FS2065 (T15IP) 2.213 lbs |
| | Shim | | | AP313-CC0908 | AP314-CC1212 |
| | Screw for shim | | | FS2068 (SW 3.5) | FS2069 (SW 4) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1496 (T15IP) |

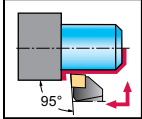
Shank tool – Screw clamping

SCLC...-P

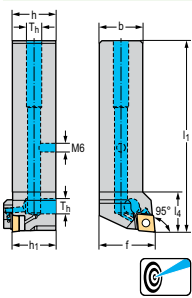
Walter Turn



– Precision cooling



Tool



| Designation | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | T _n | Type |
|----------------|--------------------------|---------|---------|----------------------|----------------------|----|----------------|----------------|---------------|
| SCLCR2020X09-P | 9 | 20 | 25 | 95 | 18.5 | 0° | 0° | G1/8" | CC .. 09T3 .. |
| SCLCR2525X09-P | 9 | 25 | 25 | 110 | 18.5 | 0° | 0° | G1/8" | |
| SCLCL2020X09-P | 9 | 20 | 25 | 95 | 18.5 | 0° | 0° | G1/8" | CC .. 09T3 .. |
| SCLCL2525X09-P | 9 | 25 | 25 | 110 | 18.5 | 0° | 0° | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 09T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | CC .. 09T3 .. 20–25 |
|--|--|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2060 (T15IP) 3 Nm |
| | Shim | AP313-CC0908 |
| | Screw for shim | FS2068 (SW 3.5) |
| | M6 threaded plug | FS2288 (SW 3) |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS1465 (T15IP) |

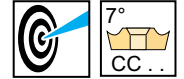
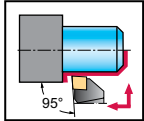
Shank tool – Screw clamping

SCLC...-P inch

Walter Turn



– Precision cooling



| Tool | | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | γ | λ _s | T _h | Type |
|------|-------------|---|----------------------------|-----------|-----------|------------------------|------------------------|----|----------------|----------------|----------------------------------|
| | SCLCR123B-P | 9 | 0.750 | 0.750 | 1.000 | 4.500 | 0.728 | 0° | 0° | G1/8" | CC .. 09T3 .. CC .. 3(2.5) .. |
| | SCLCR163D-P | 9 | 1.000 | 1.000 | 1.250 | 6.000 | 0.728 | 0° | 0° | G1/8" | |
| | SCLCL123B-P | 9 | 0.750 | 0.750 | 1.000 | 4.500 | 0.728 | 0° | 0° | G1/8" | CC .. 09T3 .. CC .. 3(2.5) .. |
| | SCLCL163D-P | 9 | 1.000 | 1.000 | 1.250 | 6.000 | 0.728 | 0° | 0° | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 09T308 / CC .. 09T304 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

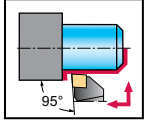
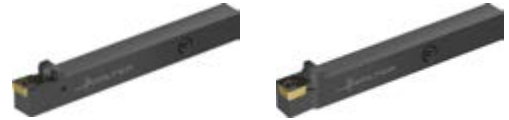
| Assembly parts | | Type h = h ₁ [inch] | CC .. 09T3 .. CC .. 3(2.5) .. 0.75–1 |
|----------------|--|-----------------------------------|--|
| | Clamping screw for indexable insert Tightening torque | | FS2060 (T15IP) 2.213 lbs |
| | Shim | | AP313-CC0908 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | M6 threaded plug | | FS2288 (SW 3) |
| | G 1/8" threaded plug | | FS2258 (SW 2) |
| | Torx key | | FS1465 (T15IP) |

Shank tool – Screw clamping








SCLC...-S-P

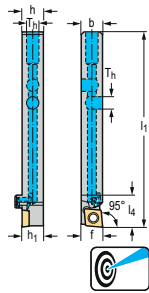
Walter Turn

- Precision cooling
- For Swiss Machining



Tool




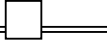

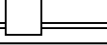
| Designation |  | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | T _h | Type |
|------------------|---|--------------------------|---------|---------|----------------------|----------------------|----|----------------|----------------|---------------|
| SCLCR1010H06-S-P |  | 6 | 10 | 10 | 100 | 16 | 0° | 0° | M6 | CC .. 0602 .. |
| SCLCR1212J09-S-P |  | 9 | 12 | 12 | 110 | 18 | 0° | 0° | M8X1 | CC .. 09T3 .. |
| SCLCR1616X09-S-P |  | 9 | 16 | 16 | 120 | 18 | 0° | 0° | G1/8" | |
| SCLCL1010H06-S-P |  | 6 | 10 | 10 | 100 | 16 | 0° | 0° | M6 | CC .. 0602 .. |
| SCLCL1212J09-S-P |  | 9 | 12 | 12 | 110 | 18 | 0° | 0° | M8X1 | CC .. 09T3 .. |
| SCLCL1616X09-S-P |  | 9 | 16 | 16 | 120 | 18 | 0° | 0° | G1/8" | |






Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | CC .. 0602 .. 10 | CC .. 09T3 .. 12 | CC .. 09T3 .. 16 |
|--|-------------------------|------------------------|------------------------|
|  Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2119 (T15IP) 3 Nm | FS2119 (T15IP) 3 Nm |
|  G 1/8" threaded plug | | | FS2258 (SW 2) |
|  M8X1 threaded plug | | FS2587 (SW 4) | |
|  Torx key | | FS1496 (T15IP) | FS1496 (T15IP) |
|  M6 threaded plug | FS2288 (SW 3) | | |
|  Torx key | FS1490 (T7IP) | | |

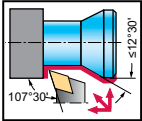
Accessories

| Type h = h ₁ [mm] | CC .. 0602 ..-CC .. 09T3 .. 10-16 | CC .. 09T3 .. 12 |
|---|--------------------------------------|---------------------|
|  M8x1 angle connection | | FS2596 |
|  M8x1 connection element | | FS2597 |
|  Copper gasket | | FS2598 |

Shank tool – Screw clamping

SDHC

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|---------------------|--------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|---------------|
| | | | | | | | | | | Type |
| <p>Square shank</p> | SDHCR1212F07 | 7 | 12 | 12 | 16 | 80 | 14.3 | 0° | 0° | DC .. 0702 .. |
| | SDHCR1616H11 | 11 | 16 | 16 | 20 | 100 | 17.9 | 0° | 0° | DC .. 11T3 .. |
| | SDHCR2020K11 | 11 | 20 | 20 | 25 | 125 | 17.9 | 0° | 0° | |
| | SDHCR2525M11 | 11 | 25 | 25 | 32 | 150 | 20 | 0° | 0° | |
| | SDHCL1212F07 | 7 | 12 | 12 | 16 | 80 | 14.3 | 0° | 0° | DC .. 0702 .. |
| | SDHCL1616H11 | 11 | 16 | 16 | 20 | 100 | 17.9 | 0° | 0° | DC .. 11T3 .. |
| | SDHCL2020K11 | 11 | 20 | 20 | 20 | 125 | 17.9 | 0° | 0° | |
| | SDHCL2525M11 | 11 | 25 | 25 | 32 | 150 | 19.7 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

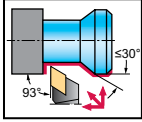
| Assembly parts | | DC .. 0702 .. 12 | DC .. 11T3 .. 16–25 |
|----------------|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T71P) 0.9 Nm | FS2060 (T151P) 3 Nm |
| | Shim | | AP315-DC1108 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T71P) | FS1465 (T151P) |

| Accessories | | DC .. 0702 .. | DC .. 11T3 .. |
|-------------|------|---------------|---------------|
| | Shim | | AP329-DC1112 |

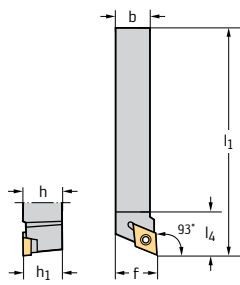
Shank tool – Screw clamping

SDJC

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|----|----------------|---------------|
| SDJCR1010E07 | | 7 | 10 | 12 | 70 | 15.7 | 0° | 0° | DC .. 0702 .. |
| SDJCR1212F07 | | 7 | 12 | 16 | 80 | 15.5 | 0° | 0° | |
| SDJCR1616H11 | | 11 | 16 | 20 | 100 | 20.3 | 0° | 0° | DC .. 11T3 .. |
| SDJCR2020K11 | | 11 | 20 | 25 | 125 | 21.9 | 0° | 0° | |
| SDJCR2525M11 | | 11 | 25 | 32 | 150 | 24.4 | 0° | 0° | |
| SDJCL1010E07 | | 7 | 10 | 12 | 70 | 15.7 | 0° | 0° | DC .. 0702 .. |
| SDJCL1212F07 | | 7 | 12 | 16 | 80 | 15.5 | 0° | 0° | |
| SDJCL1616H11 | | 11 | 16 | 20 | 100 | 20.3 | 0° | 0° | DC .. 11T3 .. |
| SDJCL2020K11 | | 11 | 20 | 25 | 125 | 21.9 | 0° | 0° | |
| SDJCL2525M11 | | 11 | 25 | 32 | 150 | 24.4 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | DC .. 0702 .. 10–12 | DC .. 11T3 .. 16–25 |
|--|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP315-DC1108 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

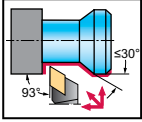
Accessories

| | Type | DC .. 0702 .. | DC .. 11T3 .. |
|--|------|---------------|---------------|
| | Shim | | AP329-DC1112 |

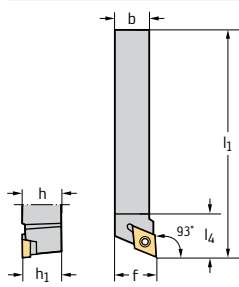
Shank tool – Screw clamping

SDJC inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | γ | λ _s | Type |
|-------------|--|----------------------------|-----------|-----------|------------------------|------------------------|----|----------------|----------------------------------|
| SDJCR062 | | 7 | 0.375 | 0.375 | 0.500 | 2.500 | 0° | 0° | DC .. 0702 .. DC .. 2(1.5) .. |
| SDJCR082 | | 7 | 0.500 | 0.500 | 0.625 | 3.500 | 0° | 0° | |
| SDJCR102 | | 7 | 0.625 | 0.625 | 0.750 | 4.000 | 0° | 0° | DC .. 11T3 .. DC .. 3(2.5) .. |
| SDJCR123B | | 11 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | |
| SDJCR163C | | 11 | 1.000 | 1.000 | 1.250 | 5.000 | 0° | 0° | |
| SDJCR163D | | 11 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | DC .. 0702 .. DC .. 2(1.5) .. |
| SDJCL062 | | 7 | 0.375 | 0.375 | 0.500 | 2.500 | 0° | 0° | |
| SDJCL082 | | 7 | 0.500 | 0.500 | 0.625 | 3.500 | 0° | 0° | |
| SDJCL102 | | 7 | 0.625 | 0.625 | 0.750 | 4.000 | 0° | 0° | |
| SDJCL123B | | 11 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | |
| SDJCL163C | | 11 | 1.000 | 1.000 | 1.250 | 5.000 | 0° | 0° | |
| SDJCL163D | | 11 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | DC .. 11T3 .. DC .. 3(2.5) .. |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [inch] | DC .. 0702 .. DC .. 2(1.5) .. 0.375–0.625 | DC .. 11T3 .. DC .. 3(2.5) .. 0.75–1 |
|--|--|---|--|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2060 (T15IP) 2.213 lbs |
| | Shim | | AP315-DC1108 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

Accessories

| | Type | DC .. 0702 .. DC .. 2(1.5) .. | DC .. 11T3 .. DC .. 3(2.5) .. |
|--|------|----------------------------------|----------------------------------|
| | Shim | | AP329-DC1112 |

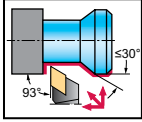
Shank tool – Screw clamping

SDJC...-P

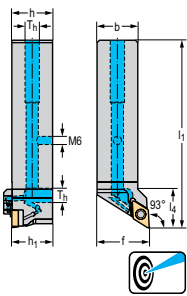
Walter Turn



– Precision cooling



Tool



Designation

 $h = h_1$

mm

b

mm

f

mm

 l_1

mm

 l_4

mm

 γ λ_s T_h

Type

SDJCR2020X11-P

11

20

20

25

100

23.5

0°

0°

G1/8"

DC .. 11T3 ..

SDJCR2525X11-P

11

25

25

32

115

23.5

0°

0°

G1/8"

SDJCL2020X11-P

11

20

20

25

100

23.5

0°

0°

G1/8"

DC .. 11T3 ..

SDJCL2525X11-P

11

25

25

32

115

23.5

0°

0°

G1/8"

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type

 $h = h_1$ [mm]

DC .. 11T3 ..

20–25

Clamping screw for indexable insert
Tightening torqueFS2060 (T15IP)
3 Nm

Shim

AP315-DC1108



Screw for shim

FS2068 (SW 3.5)



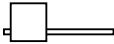
M6 threaded plug

FS2288 (SW 3)



G 1/8" threaded plug

FS2258 (SW 2)



Torx key

FS1465 (T15IP)

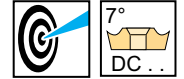
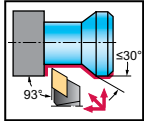
Shank tool – Screw clamping

SDJC...-P inch

Walter Turn



– Precision cooling



| Tool | | | $h = h_1$ inch | b inch | f inch | l_1 inch | l_2 inch | γ | λ_s | T_h | Type |
|------|-------------|----|-------------------|-------------|-------------|---------------|---------------|----------|-------------|-------|----------------------------------|
| | SDJCR123B-P | 11 | 0.750 | 0.750 | 1.000 | 4.500 | 0.925 | 0° | 0° | G1/8" | DC .. 11T3 .. DC .. 3(2.5) .. |
| | SDJCR163D-P | 11 | 1.000 | 1.000 | 1.250 | 6.000 | 0.925 | 0° | 0° | G1/8" | |
| | SDJCL123B-P | 11 | 0.750 | 0.750 | 1.000 | 4.500 | 0.925 | 0° | 0° | G1/8" | DC .. 11T3 .. DC .. 3(2.5) .. |
| | SDJCL163D-P | 11 | 1.000 | 1.000 | 1.250 | 6.000 | 0.925 | 0° | 0° | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

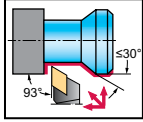
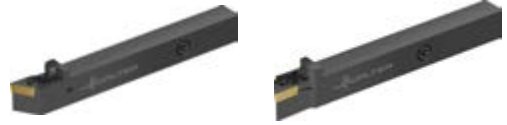
| Assembly parts | Type $h = h_1$ [inch] | DC .. 11T3 .. DC .. 3(2.5) .. 0.75–1 |
|----------------|--|--|
| | Clamping screw for indexable insert Tightening torque | FS2060 (T15IP) 2.213 lbs |
| | Shim | AP315-DC1108 |
| | Screw for shim | FS2068 (SW 3.5) |
| | M6 threaded plug | FS2288 (SW 3) |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS1465 (T15IP) |

Shank tool – Screw clamping

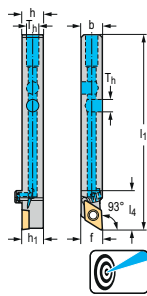
SDJC...-S-P

Walter Turn

- Precision cooling
- For Swiss Machining



Tool



| Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | T _h | Type |
|------------------|--|--------------------------|---------|---------|----------------------|----------------------|----|----------------|----------------|---------------|
| SDJCR1010H07-S-P | | 7 | 10 | 10 | 100 | 17 | 0° | 0° | M6 | DC .. 0702 .. |
| SDJCR1212J07-S-P | | 7 | 12 | 12 | 110 | 17 | 0° | 0° | M8X1 | |
| SDJCR1212J11-S-P | | 11 | 12 | 12 | 110 | 22 | 0° | 0° | M8X1 | DC .. 11T3 .. |
| SDJCR1616X11-S-P | | 11 | 16 | 16 | 120 | 22 | 0° | 0° | G1/8" | |
| SDJCL1010H07-S-P | | 7 | 10 | 10 | 100 | 17 | 0° | 0° | M6 | DC .. 0702 .. |
| SDJCL1212J07-S-P | | 7 | 12 | 12 | 110 | 17 | 0° | 0° | M8X1 | |
| SDJCL1212J11-S-P | | 11 | 12 | 12 | 110 | 22 | 0° | 0° | M8X1 | DC .. 11T3 .. |
| SDJCL1616X11-S-P | | 11 | 16 | 16 | 120 | 22 | 0° | 0° | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | DC .. 0702 .. 10 | DC .. 0702 .. 12 | DC .. 11T3 .. 12 | DC .. 11T3 .. 16 |
|--|-------------------------|-------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm | FS2119 (T15IP) 3 Nm | FS2119 (T15IP) 3 Nm |
| G 1/8" threaded plug | | | | FS2258 (SW 2) |
| Torx key | | | FS1496 (T15IP) | FS1496 (T15IP) |
| M6 threaded plug | FS2288 (SW 3) | | | |
| M8X1 threaded plug | | FS2587 (SW 4) | FS2587 (SW 4) | |
| Torx key | FS1490 (T7IP) | FS1490 (T7IP) | | |

Accessories

| Type h = h ₁ [mm] | DC .. 0702 ..–DC .. 11T3 .. 10–16 | DC .. 11T3 .. 12 |
|---------------------------------|--------------------------------------|---------------------|
| M8x1 angle connection | | FS2596 |
| M8x1 connection element | | FS2597 |
| Copper gasket | | FS2598 |

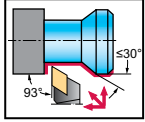
Shank tool – Rigid clamping

DDJC...-P

Walter Turn



– Precision cooling



Tool

| Designation | | $h = h_1$ mm | b mm | b_1 mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type | |
|----------------|--|-----------------|-----------|-------------|-----------|-------------|-------------|----------|-------------|------|---------------|
| DDJCR2020X11-P | | 11 | 20 | 20 | 6 | 25 | 125 | 48.5 | -3° | -7° | DC .. 11T3 .. |
| DDJCR2525X11-P | | 11 | 25 | 25 | 0 | 32 | 140 | 48.5 | -3° | -7° | |
| DDJCL2020X11-P | | 11 | 20 | 20 | 6 | 25 | 125 | 48.5 | -3° | -7° | DC .. 11T3 .. |
| DDJCL2525X11-P | | 11 | 25 | 25 | 0 | 32 | 140 | 48.5 | -3° | -7° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type | DC .. 11T3 .. |
|--|--------------------------------------|--------------------------|
| | Shim $h = h_1$ [mm] | 20–25 |
| | Screw for shim | AP315-DC1108 |
| | Right clamp | FS2068 (SW 3.5) |
| | Left clamp | PK261R |
| | Screw for clamp Tightening torque | PK261L |
| | Pressure spring | FS1473 (T15IP) 3.9 Nm |
| | G 1/8" threaded plug | FS2188 |
| | M6 threaded plug | FS2258 (SW 2) |
| | Torx key | FS2288 (SW 3) |
| | | FS1465 (T15IP) |

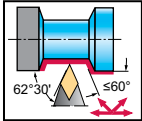
Accessories

| | Type | DC .. 11T3 .. |
|--|--|---------------|
| | (standard assembly parts) Right clamp set | PK261R-SET |
| | (standard assembly parts) Left clamp set | PK261L-SET |







Shank tool – Screw clamping

SDNC

Walter Turn






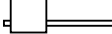
Tool

| Designation |  | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|--------------|---|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| SDNCN1010E07 |  | 7 | 10 | 5.2 | 70 | 14.5 | 0° | 0° | DC .. 0702 .. |
| SDNCN1212F07 |  | 7 | 12 | 6.2 | 80 | 14.5 | 0° | 0° | DC .. 0702 .. |
| SDNCN1616H11 |  | 11 | 16 | 8.5 | 100 | 21.9 | 0° | 0° | DC .. 11T3 .. |
| SDNCN2020K11 |  | 11 | 20 | 10.5 | 125 | 21.9 | 0° | 0° | DC .. 11T3 .. |
| SDNCN2525M11 |  | 11 | 25 | 13 | 150 | 22.2 | 0° | 0° | DC .. 11T3 .. |

Square shank

Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | DC .. 0702 .. 10–12 | DC .. 11T3 .. 16–25 |
|--|-------------------------|-------------------------|------------------------|
|  Clamping screw for indexable insert Tightening torque | | FS2061 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
|  Shim | | | AP315-DC1108 |
|  Screw for shim | | | FS2068 (SW 3.5) |
|  Torx key | | FS1490 (T7IP) | FS1465 (T15IP) |

Accessories

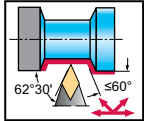
| Type | DC .. 0702 .. | DC .. 11T3 .. |
|--|---------------|---------------|
|  Shim | | AP329-DC1112 |

Shank tool – Screw clamping

SDNC...-P

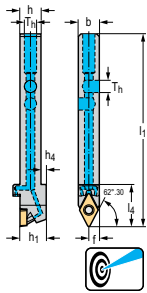
Walter Turn

- Precision cooling
- For Swiss Machining



Tool

| Designation | | | | | | | | | | | | |
|----------------|-----------------|-------------|-----------|-----------|-------------|-------------|----------|-------------|-------|-------|---------------|--|
| | $h = h_1$ mm | h_4 mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | T_h | Type | | |
| SDNCN1212J07-P | 7 | 12 | 4 | 12 | 6 | 110 | 18 | 0° | 0° | M8X1 | DC .. 0702 .. | |
| SDNCN1212J11-P | 11 | 12 | 4 | 12 | 6 | 110 | 24 | 0° | 0° | M8X1 | DC .. 11T3 .. | |
| SDNCN1616X11-P | 11 | 16 | 4 | 16 | 8 | 120 | 24 | 0° | 0° | G1/8" | | |



Square shank

Measured with master insert: DC .. 070204 / DC .. 11T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

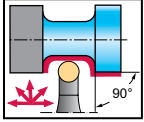
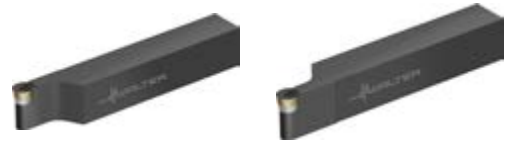
Assembly parts

| Type $h = h_1$ (mm) | DC .. 0702 .. 12 | DC .. 11T3 .. 12 | DC .. 11T3 .. 16 |
|--|-------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2119 (T15IP) 3 Nm | FS2119 (T15IP) 3 Nm |
| G 1/8" threaded plug | | | FS2258 (SW 2) |
| M8X1 threaded plug | FS2587 (SW 4) | FS2587 (SW 4) | |
| Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

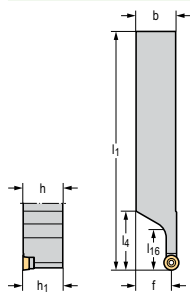
Shank tool – Screw clamping

SRAC inch

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ inch | b inch | f inch | h ₁ inch | l ₄ inch | h ₁₆ inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|-----------|------------------------|------------------------|-------------------------|----|----------------|----------------------------------|
| SRACR162D | 6 | 1.000 | 1.000 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | RC .. 0603 .. RC .. 22 .. |
| SRACR163D | 9 | 1.000 | 1.000 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | RC .. 09T3 .. RC .. 3(2.5) .. |
| SRACR164D | 12 | 1.000 | 1.000 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |
| SRACR204D | 12 | 1.250 | 1.250 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | |
| SRACL162D | 6 | 1.000 | 1.000 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | RC .. 0603 .. RC .. 22 .. |
| SRACL163D | 9 | 1.000 | 1.000 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | RC .. 09T3 .. RC .. 3(2.5) .. |
| SRACL164D | 12 | 1.000 | 1.000 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |
| SRACL204D | 12 | 1.250 | 1.250 | 1.075 | 6.000 | 1.548 | 1.000 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 060300 / RC .. 09T300 / RC .. 120400 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

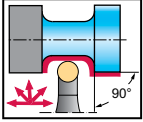
Assembly parts

| Type h = h ₁ [inch] | RC .. 0603 .. RC .. 22 .. 1 | RC .. 09T3 .. RC .. 3(2.5) .. 1 | RC .. 1204 .. RC .. 43 .. 1-1.25 |
|--|-----------------------------------|---------------------------------------|--|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2116 (T9IP) 1.106 lbs | FS2117 (T15IP) 2.213 lbs |
| Shim | | AP190-RC09T3 | AP189-RC1204 |
| Torx key | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |


Shank tool – Screw clamping

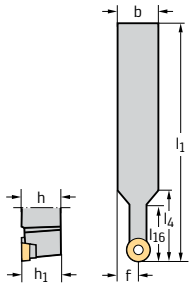
SRDC

Walter Turn



Tool




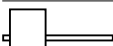
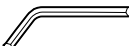
| Designation |  | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|--------------|---|--------------------------|---------|---------|----------------------|----------------------|-----------------------|----|----------------|------|------------------|
| | | | | | | | | | | | h |
| SRDCN1212F06 | | 6 | 12 | 12 | 6 | 80 | 17 | 12 | 0° | 0° | RC .. T0602M0 .. |
| SRDCN2020K06 | | 6 | 20 | 20 | 10 | 125 | 32 | 24 | 0° | 0° | |
| SRDCN2525M06 | | 6 | 25 | 25 | 12.5 | 150 | 54 | 25 | 0° | 0° | |
| SRDCN1616H08 | | 8 | 16 | 16 | 8 | 100 | 21.5 | 16 | 0° | 0° | RC .. T0803M0 .. |
| SRDCN2020K08 | | 8 | 20 | 20 | 10 | 125 | 32 | 24 | 0° | 0° | |
| SRDCN2525M08 | | 8 | 25 | 25 | 12.5 | 150 | 33 | 25 | 0° | 0° | |
| SRDCN2020K10 | | 10 | 20 | 20 | 10 | 125 | 31 | 25 | 0° | 0° | RC .. T10T3M0 .. |
| SRDCN2525M10 | | 10 | 25 | 25 | 12.5 | 150 | 32 | 25 | 0° | 0° | |
| SRDCN2020K12 | | 12 | 20 | 20 | 10 | 125 | 31 | 25 | 0° | 0° | RC .. T1204M0 .. |
| SRDCN2525M12 | | 12 | 25 | 25 | 12.5 | 150 | 35 | 28 | 0° | 0° | |
| SRDCN3225P12 | | 12 | 32 | 25 | 12.5 | 170 | 35 | 28 | 0° | 0° | |
| SRDCN3225P16 | | 16 | 32 | 25 | 12.5 | 170 | 40 | 35 | 0° | 0° | RC .. T1606M0 .. |



Square shank

Measured with master insert: RC .. 0602M0 / RC .. 0803M0 / RC .. 10T3M0 / RC .. 1204M0 / RC .. 1606M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

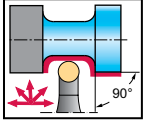
Assembly parts

| Type h = h ₁ [mm] | RC .. T0602M0 .. 12–25 | RC .. T0803M0 .. 16–25 | RC .. T10T3M0 .. 20–25 | RC .. T1204M0 .. 20–32 | RC .. T1606M0 .. 32 |
|--|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
|  Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS1462 (T9IP) 1.5 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2090 (T20IP) 6.4 Nm |
|  Shim | | | AP324-RC10T3 | AP325-RC1204 | AP326-RC1606 |
|  Screw for shim | | | FS2068 (SW 3.5) | FS2068 (SW 3.5) | FS2091 (SW 5) |
|  Torx key | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | |
|  Allen key | | | | | FS1464 (T20IP) |

Shank tool – Screw clamping

SRDC inch

Walter Turn



Tool

| Designation | | $h = h_1$ inch | b inch | f inch | h_1 inch | l_4 inch | h_{16} inch | γ | λ_s | Type |
|-------------|----|-------------------|-----------|-----------|---------------|---------------|------------------|----------|-------------|----------------------------------|
| SRDCN082 | 6 | 0.500 | 0.500 | 0.246 | 3.500 | 0.500 | 0.701 | 0° | 0° | RC .. 0603 .. RC .. 22 .. |
| SRDCN103 | 9 | 0.625 | 0.625 | 0.312 | 4.000 | 0.625 | 0.774 | 0° | 0° | RC .. 09T3 .. RC .. 3(2.5) .. |
| SRDCN123B | 9 | 0.750 | 0.750 | 0.375 | 4.500 | 0.935 | 0.750 | 0° | 0° | |
| SRDCN163D | 9 | 1.000 | 1.000 | 0.500 | 6.000 | 1.257 | 1.000 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |
| SRDCN164D | 12 | 1.000 | 1.000 | 0.500 | 6.000 | 1.257 | 1.000 | 0° | 0° | |
| SRDCN204D | 12 | 1.250 | 1.250 | 0.625 | 6.000 | 1.287 | 1.000 | 0° | 0° | |

Square shank

Measured with master insert: RC .. 060300 / RC .. 09T300 / RC .. 120400 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

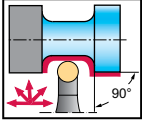
Assembly parts

| Type $h = h_1$ [inch] | RC .. 0603 .. RC .. 22 .. 0.5 | RC .. 09T3 .. RC .. 3(2.5) .. 0.625-1 | RC .. 1204 .. RC .. 43 .. 1-1.25 |
|--|-------------------------------------|---|--|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2116 (T9IP) 1.106 lbs | FS2117 (T15IP) 2.213 lbs |
| Shim | | AP190-RC09T3 | AP189-RC1204 |
| Torx key | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |

Shank tool – Lever clamping

PRDC

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | l ₆ mm | γ | λ _s | Type |
|------|--------------|----|--------------------------|---------|---------|----------------------|----------------------|----------------------|----|----------------|------------------|
| | | | | | | | | | | | |
| | PRDCN2020K10 | 10 | 20 | 20 | 10 | 125 | 30 | 25 | 0° | 0° | RC .. T10T3M0 .. |
| | PRDCN2525M10 | 10 | 25 | 25 | 12.5 | 150 | 32 | 25 | 0° | 0° | RC .. T1204M0 .. |
| | PRDCN2525M12 | 12 | 25 | 25 | 12.5 | 150 | 33 | 28 | 0° | 0° | RC .. T1605M0 .. |
| | PRDCN3225P12 | 12 | 32 | 25 | 12.5 | 170 | 33 | 28 | 0° | 0° | RC .. T2006M0 .. |
| | PRDCN3225P16 | 16 | 32 | 25 | 12.5 | 170 | 40 | 35 | 0° | 0° | RC .. T2507M0 .. |
| | PRDCN3232P20 | 20 | 32 | 32 | 16 | 170 | 45 | 40 | 0° | 0° | RC .. 3209 .. |
| | PRDCN4040S25 | 25 | 40 | 40 | 20 | 250 | 55 | 50 | 0° | 0° | |
| | PRDCN5050U32 | 32 | 50 | 50 | 25 | 350 | 60 | 55 | 0° | 0° | |

Square shank

Measured with master insert: RC .. 10T3M0 / RC .. 1204M0 / RC .. 1605M0 / RC .. 2006M0 / RC .. 2507M0 / RC .. 3209M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

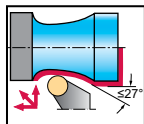
| Assembly parts | | Type h = h ₁ (mm) | RC .. T10T3M0 .. 20–25 | RC .. T1204M0 .. 25–32 | RC .. T1605M0 .. 32 | RC .. T2006M0 .. 32 | RC .. T2507M0 .. 40 | RC .. 3209 .. 50 |
|----------------|-------------------------------------|---------------------------------|---------------------------|---------------------------|--------------------------|------------------------|------------------------|-----------------------|
| | Shim | | AP407-RC10T3 | AP402-RC1204 | AP403-RC1606 | AP404-RC2006 | AP405-RC2507 | AP406-RC3209 |
| | Lever | | KN122 | KN123 | KN111 | KN112 | KN113 | KN124 |
| | Clamping screw Tightening torque | | FS2155 (SW 2) 0.6 Nm | FS351 (SW 2.5) 2 Nm | FS344 (SW 2.5) 2.5 Nm | FS2156 (SW 3) 5 Nm | FS2145 (SW 4) 10 Nm | FS357 (SW 5) 14 Nm |
| | Shim pin | | RS101 | RS120 | RS118 | RS103 | RS104 | RS105 |
| | Tapered assembly pin | | MD101 | MD101 | MD101 | MD102 | MD102 | MD103 |
| | Allen key | | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

| Accessories | | Type | RC .. T10T3M0 .. | RC .. T1204M0 ..–RC .. 3209 .. | RC .. T1605M0 .. |
|-------------|------------------------|------|------------------|--------------------------------|------------------|
| | Shim for RC .. 1003 .. | | AP401-RC1003 | | |
| | Shim for RC .. 1605 .. | | | | AP403-RC1605 |

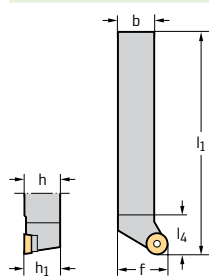
Shank tool – Screw clamping

SRSC

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|--------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|------------------|
| SRSCR2020K06 | 6 | 20 | 20 | 25 | 125 | 20 | 0° | 0° | RC .. T0602M0 .. |
| SRSCR2525M06 | 6 | 25 | 25 | 32 | 150 | 20 | 0° | 0° | |
| SRSCR2020K08 | 8 | 20 | 20 | 25 | 125 | 20 | 0° | 0° | RC .. T0803M0 .. |
| SRSCR2525M08 | 8 | 25 | 25 | 32 | 150 | 20 | 0° | 0° | |
| SRSCR2020K10 | 10 | 20 | 20 | 25 | 125 | 20 | 0° | 0° | RC .. T10T3M0 .. |
| SRSCR2525M10 | 10 | 25 | 25 | 32 | 150 | 28 | 0° | 0° | |
| SRSCR2020K12 | 12 | 20 | 20 | 25 | 125 | 22 | 0° | 0° | RC .. T1204M0 .. |
| SRSCR2525M12 | 12 | 25 | 25 | 32 | 150 | 28 | 0° | 0° | |
| SRSCR3225P12 | 12 | 32 | 25 | 32 | 170 | 32 | 0° | 0° | |
| SRSCR3225P16 | 16 | 32 | 25 | 32 | 170 | 32 | 0° | 0° | RC .. T1606M0 .. |
| SRSCL2020K06 | 6 | 20 | 20 | 25 | 125 | 20 | 0° | 0° | RC .. T0602M0 .. |
| SRSCL2525M06 | 6 | 25 | 25 | 32 | 150 | 20 | 0° | 0° | |
| SRSCL2020K08 | 8 | 20 | 20 | 25 | 125 | 20 | 0° | 0° | RC .. T0803M0 .. |
| SRSCL2525M08 | 8 | 25 | 25 | 32 | 150 | 20 | 0° | 0° | |
| SRSCL2020K10 | 10 | 20 | 20 | 25 | 125 | 20 | 0° | 0° | RC .. T10T3M0 .. |
| SRSCL2525M10 | 10 | 25 | 25 | 32 | 150 | 28 | 0° | 0° | |
| SRSCL2020K12 | 12 | 20 | 20 | 25 | 125 | 22 | 0° | 0° | RC .. T1204M0 .. |
| SRSCL2525M12 | 12 | 25 | 25 | 32 | 150 | 28 | 0° | 0° | |
| SRSCL3225P12 | 12 | 32 | 25 | 32 | 170 | 32 | 0° | 0° | |
| SRSCL3225P16 | 16 | 32 | 25 | 32 | 170 | 32 | 0° | 0° | RC .. T1606M0 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 0602M0 / RC .. 0803M0 / RC .. 10T3M0 / RC .. 1204M0 / RC .. 1606M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

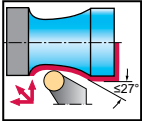
Assembly parts

| Type h = h ₁ [mm] | RC .. T0602M0 .. 20–25 | RC .. T0803M0 .. 20–25 | RC .. T10T3M0 .. 20–25 | RC .. T1204M0 .. 20–32 | RC .. T1606M0 .. 32 |
|--|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS1462 (T9IP) 1.5 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2090 (T20IP) 6.4 Nm |
| Shim | | | AP324-RC10T3 | AP325-RC1204 | AP326-RC1606 |
| Screw for shim | | | FS2068 (SW 3.5) | FS2068 (SW 3.5) | FS2091 (SW 5) |
| Torx key | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | |
| Allen key | | | | | FS1464 (T20IP) |

Shank tool – Screw clamping

SRSC inch

Walter Turn



| Tool | | | $h = h_1$ inch | b inch | f inch | l_1 inch | l_4 inch | γ | λ_s | Type |
|------|------------|----|-------------------|-----------|-----------|---------------|---------------|----------|-------------|----------------------------------|
| | SRSCR162D | 6 | 1.000 | 1.000 | 1.250 | 6.000 | 1.113 | 0° | 0° | RC .. 0603 .. RC .. 22 .. |
| | SRSCR163D | 9 | 1.000 | 1.000 | 1.250 | 6.000 | 1.331 | 0° | 0° | RC .. 09T3 .. RC .. 3(2.5) .. |
| | SRSCR164D | 12 | 1.000 | 1.000 | 1.250 | 6.000 | 1.446 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |
| | SRSCCL162D | 6 | 1.000 | 1.000 | 1.250 | 6.000 | 1.113 | 0° | 0° | RC .. 0603 .. RC .. 22 .. |
| | SRSCCL163D | 9 | 1.000 | 1.000 | 1.250 | 6.000 | 1.331 | 0° | 0° | RC .. 09T3 .. RC .. 3(2.5) .. |
| | SRSCCL164D | 12 | 1.000 | 1.000 | 1.250 | 6.000 | 1.446 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |

Square shank

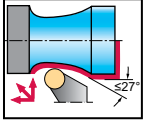
Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 060300 / RC .. 09T300 / RC .. 120400 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type $h = h_1$ (inch) | RC .. 0603 .. RC .. 22 .. 1 | RC .. 09T3 .. RC .. 3(2.5) .. 1 | RC .. 1204 .. RC .. 43 .. 1 |
|----------------|--|--------------------------|-----------------------------------|---------------------------------------|-----------------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS2061 (T7IP) 0.664 lbs | FS2116 (T9IP) 1.106 lbs | FS2117 (T15IP) 2.213 lbs |
| | Shim | | | AP190-RC09T3 | AP189-RC1204 |
| | Torx key | | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |

Shank tool – Screw clamping

SRGC inch

Walter Turn



Tool

| Designation | | $h = h_1$ inch | b inch | f inch | l_1 inch | l_4 inch | γ | λ_s | Type |
|-------------|----|-------------------|-------------|-------------|---------------|---------------|----------|-------------|------------------------------|
| SRGCR164C | 12 | 1.000 | 1.000 | 1.250 | 5.000 | 1.331 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |
| SRGCL164C | 12 | 1.000 | 1.000 | 1.250 | 5.000 | 1.331 | 0° | 0° | RC .. 1204 .. RC .. 43 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 120400 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

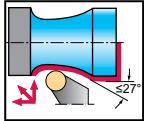
Assembly parts

| | Type $h = h_1$ [inch] | RC .. 1204 .. RC .. 43 .. 1 |
|--|--|-----------------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2117 (T15IP) 2.213 lbs |
| | Shim | AP189-RC1204 |
| | Torx key | FS1465 (T15IP) |

Shank tool – Lever clamping

PRGC

Walter Turn



| Tool | | | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|---------------------|--------------|----|-----------------|---------|---------|-------------|-------------|----------|-------------|-----------------|
| <p>Square shank</p> | Designation | | | | | | | | | |
| | PRGCR2525M10 | 10 | 25 | 25 | 32 | 150 | 27.2 | 0° | 0° | RC . T10T3M0 .. |
| | PRGCR2525M12 | 12 | 25 | 25 | 32 | 150 | 27.2 | 0° | 0° | RC . T1204M0 .. |
| | PRGCR3225P12 | 12 | 32 | 25 | 32 | 170 | 32 | 0° | 0° | |
| | PRGCR3225P16 | 16 | 32 | 25 | 32 | 170 | 33.2 | 0° | 0° | RC . T1605M0 .. |
| | PRGCR3232P20 | 20 | 32 | 32 | 40 | 170 | 38 | 0° | 0° | RC . T2006M0 .. |
| | PRGCR4040S25 | 25 | 40 | 40 | 50 | 250 | 50.5 | 0° | 0° | RC . T2507M0 .. |
| | PRGCL2020K10 | 10 | 20 | 20 | 25 | 125 | 20.8 | 0° | 0° | RC . T10T3M0 .. |
| | PRGCL2525M10 | 10 | 25 | 25 | 32 | 150 | 27.2 | 0° | 0° | |
| | PRGCL2525M12 | 12 | 25 | 25 | 32 | 150 | 27.2 | 0° | 0° | RC . T1204M0 .. |
| | PRGCL3225P12 | 12 | 32 | 25 | 32 | 170 | 32 | 0° | 0° | |
| | PRGCL3225P16 | 16 | 32 | 25 | 32 | 170 | 33.2 | 0° | 0° | RC . T1605M0 .. |
| | PRGCL3232P20 | 20 | 32 | 32 | 40 | 170 | 38 | 0° | 0° | RC . T2006M0 .. |
| | PRGCL4040S25 | 25 | 40 | 40 | 50 | 250 | 50.5 | 0° | 0° | RC . T2507M0 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 10T3M0 / RC .. 1204M0 / RC .. 1605M0 / RC .. 2006M0 / RC .. 2507M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

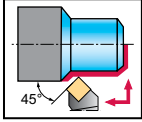
| Assembly parts | | Type $h = h_1$ [mm] | RC . T10T3M0 .. 20–25 | RC . T1204M0 .. 25–32 | RC . T1605M0 .. 32 | RC . T2006M0 .. 32 | RC . T2507M0 .. 40 |
|----------------|-------------------------------------|------------------------|--------------------------|--------------------------|--------------------------|-----------------------|------------------------|
| | Shim | | AP407-RC10T3 | AP402-RC1204 | AP403-RC1606 | AP404-RC2006 | AP405-RC2507 |
| | Lever | | KN122 | KN123 | KN111 | KN112 | KN113 |
| | Clamping screw Tightening torque | | FS2155 (SW 2) 0.6 Nm | FS351 (SW 2.5) 2 Nm | FS344 (SW 2.5) 2.5 Nm | FS2156 (SW 3) 5 Nm | FS2145 (SW 4) 10 Nm |
| | Shim pin | | RS101 | RS120 | RS118 | RS103 | RS104 |
| | Tapered assembly pin | | MD101 | MD101 | MD101 | MD102 | MD102 |
| | Allen key | | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) |

| Accessories | | Type | RC . T10T3M0 .. | RC . T1204M0 ..–RC . T2507M0 .. | RC . T1605M0 .. |
|-------------|------------------------|------|-----------------|---------------------------------|-----------------|
| | Shim for RC .. 1003 .. | | AP401-RC1003 | | |
| | Shim for RC .. 1605 .. | | | | AP403-RC1605 |

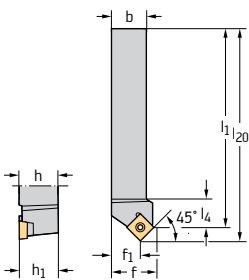
Shank tool – Screw clamping

SSDC

Walter Turn



Tool



| Designation | | h = h ₁ mm | b mm | f mm | h ₁ mm | l ₄ mm | l ₂₀ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|-----------------------|----|----------------|---------------|
| SSDCR1616H09 | | 9 | 16 | 10.9 | 100 | 9.1 | 100 | 0° | 0° | SC .. 09T3 .. |
| SSDCR2020K09 | | 9 | 20 | 15.9 | 125 | 12 | 125 | 0° | 0° | SC .. 1204 .. |
| SSDCR2020K12 | | 12 | 20 | 13.7 | 125 | 13.7 | 125 | 0° | 0° | |
| SSDCR2525M12 | | 12 | 25 | 18.7 | 150 | 13.7 | 150 | 0° | 0° | SC .. 09T3 .. |
| SSDCL1616H09 | | 9 | 16 | 10.9 | 100 | 9.1 | 100 | 0° | 0° | |
| SSDCL2020K09 | | 9 | 20 | 15.9 | 125 | 12 | 125 | 0° | 0° | SC .. 1204 .. |
| SSDCL2020K12 | | 12 | 20 | 13.7 | 125 | 13.7 | 125 | 0° | 0° | |
| SSDCL2525M12 | | 12 | 25 | 18.7 | 150 | 13.7 | 150 | 0° | 0° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SC .. 09T308 / SC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

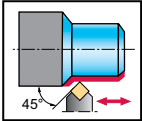
Assembly parts

| Type h = h ₁ [mm] | SC .. 09T3 .. 16–20 | SC .. 1204 .. 20–25 |
|--|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2060 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm |
| Shim | AP328-SC0908 | AP319-SC1212 |
| Screw for shim | FS2068 (SW 3.5) | FS2069 (SW 4) |
| Torx key | FS1465 (T15IP) | FS1496 (T15IP) |

Shank tool – Screw clamping

SSDCN inch

Walter Turn



| Tool | Designation | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | γ | λ _s | Type |
|---------------------|-------------|---|----------------------------|-----------|-----------|------------------------|------------------------|----|----------------|----------------------------------|
| | | | | | | | | | | h ₁ |
| <p>Square shank</p> | SSDCN062 | 6 | 0.375 | 0.375 | 0.191 | 3.000 | 0.512 | 0° | 0° | SC .. 0602 .. SC .. 2(1.5) .. |
| | SSDCN082B | 6 | 0.500 | 0.500 | 0.254 | 0.563 | 0.512 | 0° | 0° | |
| | SSDCN083 | 9 | 0.500 | 0.500 | 0.261 | 3.500 | 0.594 | 0° | 0° | SC .. 09T3 .. SC .. 3(2.5) .. |
| | SSDCN103 | 9 | 0.625 | 0.625 | 0.323 | 4.000 | 0.594 | 0° | 0° | |
| | SSDCN123B | 9 | 0.750 | 0.750 | 0.385 | 4.500 | 0.594 | 0° | 0° | |

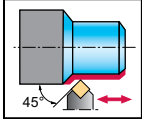
Measured with master insert: SC .. 09T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | SC .. 0602 .. SC .. 2(1.5) .. 0.375-0.5 | SC .. 09T3 .. SC .. 3(2.5) .. 0.5-0.75 |
|----------------|--|---|--|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2060 (T15IP) 2.213 lbs |
| | Shim | | AP328-SC0908 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

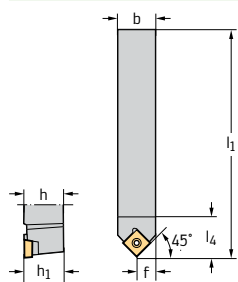
Shank tool – Screw clamping

SSDCN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SSDCN1212F09

9

12

12

6

80

15.1

0°

0°

SC .. 09T3 ..

SSDCN1616H09

9

16

16

8

100

15.1

0°

0°

SSDCN2020K12

12

20

20

10

125

22

0°

0°

SC .. 1204 ..

SSDCN2525M12

12

25

25

12.5

150

22

0°

0°

Measured with master insert: SC .. 09T308 / SC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [mm]SC .. 09T3 ..
12SC .. 09T3 ..
16SC .. 1204 ..
20-25Clamping screw for indexable insert
Tightening torqueFS2063 (T15IP)
3 NmFS2060 (T15IP)
3 NmFS2065 (T15IP)
3 Nm

Shim

AP328-SC0908

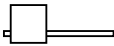
AP319-SC1212



Screw for shim

FS2068 (SW 3.5)

FS2069 (SW 4)



Torx key

FS1465 (T15IP)

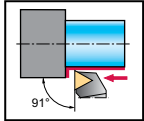
FS1465 (T15IP)

FS1496 (T15IP)

Shank tool – Screw clamping

STGC

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|---------------------|--------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|---------------|
| | | | | | | | | | | |
| <p>Square shank</p> | STGCR1212F11 | 11 | 12 | 12 | 16 | 80 | 14.1 | 0° | 0° | TC .. 1102 .. |
| | STGCR1616H16 | 16 | 16 | 16 | 20 | 100 | 20.1 | 0° | 0° | TC .. 16T3 .. |
| | STGCR2020K16 | 16 | 20 | 20 | 25 | 125 | 20.4 | 0° | 0° | |
| | STGCR2525M16 | 16 | 25 | 25 | 32 | 150 | 20.9 | 0° | 0° | |
| | STGCL1212F11 | 11 | 12 | 12 | 16 | 80 | 14.1 | 0° | 0° | TC .. 1102 .. |
| | STGCL1616H16 | 16 | 16 | 16 | 20 | 100 | 20.1 | 0° | 0° | TC .. 16T3 .. |
| | STGCL2020K16 | 16 | 20 | 20 | 25 | 125 | 20.4 | 0° | 0° | |
| | STGCL2525M16 | 16 | 25 | 25 | 32 | 150 | 20.9 | 0° | 0° | |

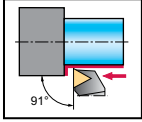
Dimensional drawing shows right-hand version. | Measured with master insert:TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type h = h ₁ [mm] | TC .. 1102 .. 12 | TC .. 16T3 .. 16-25 |
|----------------|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP317-TC1612 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

Shank tool – Screw clamping

STGC inch

Walter Turn



Tool

| Designation | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | γ | λ _s | Type |
|-------------|----|----------------------------|-----------|-----------|------------------------|------------------------|----|----------------|----------------------------------|
| | | | | | | | | | |
| STGCR062 | 11 | 0.375 | 0.375 | 0.500 | 2.500 | 0.543 | 0° | 0° | TC .. 1102 .. TC .. 2(1.5) .. |
| STGCR082B | 11 | 0.500 | 0.500 | 0.625 | 3.500 | 0.598 | 0° | 0° | |
| STGCR103 | 16 | 0.625 | 0.625 | 0.750 | 4.000 | 0.823 | 0° | 0° | TC .. 16T3 .. TC .. 3(2.5) .. |
| STGCR123B | 16 | 0.750 | 0.750 | 1.000 | 4.500 | 0.815 | 0° | 0° | |
| STGCR163D | 16 | 1.000 | 1.000 | 1.250 | 6.000 | 0.815 | 0° | 0° | |
| STGCL062 | 11 | 0.375 | 0.375 | 0.500 | 2.500 | 0.543 | 0° | 0° | TC .. 1102 .. TC .. 2(1.5) .. |
| STGCL082B | 11 | 0.500 | 0.500 | 0.625 | 3.500 | 0.598 | 0° | 0° | |
| STGCL103 | 16 | 0.625 | 0.625 | 0.750 | 4.000 | 0.823 | 0° | 0° | TC .. 16T3 .. TC .. 3(2.5) .. |
| STGCL123B | 16 | 0.750 | 0.750 | 1.000 | 4.500 | 0.815 | 0° | 0° | |
| STGCL163D | 16 | 1.000 | 1.000 | 1.250 | 6.000 | 0.815 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

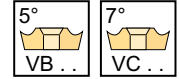
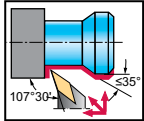
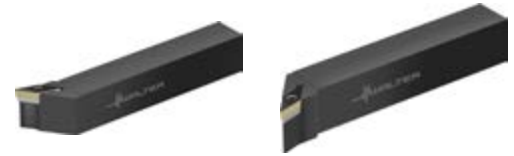
Assembly parts

| Assembly parts | Type h = h ₁ [inch] | TC .. 1102 .. TC .. 2(1.5) .. 0.375–0.5 | TC .. 16T3 .. TC .. 3(2.5) .. 0.625–1 |
|--|-----------------------------------|---|---|
| Clamping screw for indexable insert Tightening torque | | FS2061 (T7IP) 0.664 lbs | FS2060 (T15IP) 2.213 lbs |
| Shim | | | AP317-TC1612 |
| Screw for shim | | | FS2068 (SW 3.5) |
| Torx key | | FS1490 (T7IP) | FS1465 (T15IP) |

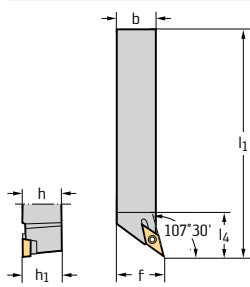
Shank tool – Screw clamping

SVHB

Walter Turn



Tool



Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|----|----------------|---------------|
| SVHBR1616H11 | | 11 | 16 | 20 | 100 | 18 | 0° | 0° | VB .. 1103 .. |
| SVHBR2020K11 | | 11 | 20 | 25 | 125 | 19 | 0° | 0° | |
| SVHBR2525M11 | | 11 | 25 | 32 | 150 | 27 | 0° | 0° | |
| SVHBR2020K16 | | 16 | 20 | 25 | 125 | 27.6 | 0° | 0° | VB .. 1604 .. |
| SVHBR2525M16 | | 16 | 25 | 32 | 150 | 27.6 | 0° | 0° | |
| SVHBR3225P16 | | 16 | 32 | 32 | 170 | 27.6 | 0° | 0° | |
| SVHBL1616H11 | | 11 | 16 | 20 | 100 | 18 | 0° | 0° | VB .. 1103 .. |
| SVHBL2020K11 | | 11 | 20 | 25 | 125 | 19 | 0° | 0° | |
| SVHBL2525M11 | | 11 | 25 | 32 | 150 | 27 | 0° | 0° | |
| SVHBL2020K16 | | 16 | 20 | 25 | 125 | 27.6 | 0° | 0° | VB .. 1604 .. |
| SVHBL2525M16 | | 16 | 25 | 32 | 150 | 27.6 | 0° | 0° | |
| SVHBL3225P16 | | 16 | 32 | 32 | 170 | 27.6 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | VB .. 1103 .. 16–25 | VB .. 1604 .. 20–32 |
|--|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

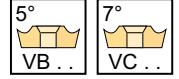
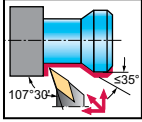
Accessories

| | Type | VB .. 1103 .. | VB .. 1604 .. |
|--|------|---------------|---------------|
| | Shim | | AP330-VB1612 |

Shank tool – Lever clamping

PVHB

Walter Turn



Tool

| Designation | | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|--------------|--|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| PVHBR1616H11 | | 11 | 16 | 20 | 100 | 25 | 0° | 0° | VB .. 1103 .. |
| PVHBR2020K11 | | 11 | 20 | 25 | 125 | 25 | 0° | 0° | |
| PVHBR2525M11 | | 11 | 25 | 32 | 150 | 32 | 0° | 0° | |
| PVHBR2020K16 | | 16 | 20 | 25 | 125 | 28 | 0° | 0° | VB .. 1604 .. |
| PVHBR2525M16 | | 16 | 25 | 32 | 150 | 28 | 0° | 0° | |
| PVHBR3225P16 | | 16 | 32 | 32 | 170 | 28 | 0° | 0° | |
| PVHBL1616H11 | | 11 | 16 | 20 | 100 | 25 | 0° | 0° | VB .. 1103 .. |
| PVHBL2020K11 | | 11 | 20 | 25 | 125 | 25 | 0° | 0° | |
| PVHBL2525M11 | | 11 | 25 | 32 | 150 | 32 | 0° | 0° | |
| PVHBL2020K16 | | 16 | 20 | 25 | 125 | 28 | 0° | 0° | VB .. 1604 .. |
| PVHBL2525M16 | | 16 | 25 | 32 | 150 | 28 | 0° | 0° | |
| PVHBL3225P16 | | 16 | 32 | 32 | 170 | 28 | 0° | 0° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | $h = h_1$ [mm] | VB .. 1103 .. 16–25 | VB .. 1604 .. 20–32 |
|------|-------------------------------------|------------------------|------------------------|
| | Shim | | AP153 |
| | Shim pin | | RS101 |
| | Lever | KN118 | KN110 |
| | Clamping screw Tightening torque | FS347 (SW 2) 0.6 Nm | FS351 (SW 2.5) 2 Nm |
| | Tapered assembly pin | | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) |

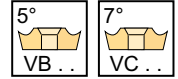
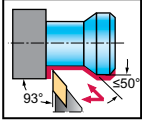
Accessories

| Type | VB .. 1103 .. | VB .. 1604 .. |
|------|---------------|---------------|
| | Shim | AP154 |

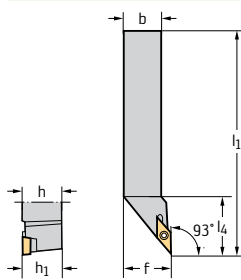
Shank tool – Screw clamping

SVJB

Walter Turn



Tool



Square shank

| Designation | | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|--------------|--|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| SVJBR1212F11 | | 11 | 12 | 16 | 80 | 20.6 | 0° | 0° | VB .. 1103 .. |
| SVJBR1616H11 | | 11 | 16 | 20 | 100 | 21.2 | 0° | 0° | |
| SVJBR2020K11 | | 11 | 20 | 25 | 125 | 21.2 | 0° | 0° | |
| SVJBR2525M11 | | 11 | 25 | 32 | 150 | 21.2 | 0° | 0° | |
| SVJBR1616H16 | | 16 | 16 | 20 | 100 | 27 | 0° | 0° | VB .. 1604 .. |
| SVJBR2020K16 | | 16 | 20 | 25 | 125 | 31.1 | 0° | 0° | |
| SVJBR2525M16 | | 16 | 25 | 32 | 150 | 31.5 | 0° | 0° | |
| SVJBR3225P16 | | 16 | 32 | 32 | 170 | 31.5 | 0° | 0° | |
| SVJBL1212F11 | | 11 | 12 | 16 | 80 | 20.6 | 0° | 0° | VB .. 1103 .. |
| SVJBL1616H11 | | 11 | 16 | 20 | 100 | 21.2 | 0° | 0° | |
| SVJBL2020K11 | | 11 | 20 | 25 | 125 | 21.2 | 0° | 0° | |
| SVJBL2525M11 | | 11 | 25 | 32 | 150 | 21.2 | 0° | 0° | |
| SVJBL1616H16 | | 16 | 16 | 20 | 100 | 27 | 0° | 0° | VB .. 1604 .. |
| SVJBL2020K16 | | 16 | 20 | 25 | 125 | 31.1 | 0° | 0° | |
| SVJBL2525M16 | | 16 | 25 | 32 | 150 | 31.5 | 0° | 0° | |
| SVJBL3225P16 | | 16 | 32 | 32 | 170 | 31.5 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type $h = h_1$ (mm) | VB .. 1103 .. 12–25 | VB .. 1103 .. 16 | VB .. 1604 .. 16 | VB .. 1604 .. 20–32 |
|--|-------------------------|-------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| Shim | | AP316-VB1608 | | AP316-VB1608 |
| Screw for shim | | FS2068 (SW 3.5) | | FS2068 (SW 3.5) |
| Torx key | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

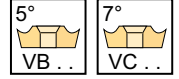
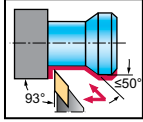
Accessories

| Type | VB .. 1103 ..–VB .. 1604 .. |
|-----------------|-----------------------------|
| Shim for radius | AP330-VB1612 |

Shank tool – Screw clamping

SVJB inch

Walter Turn



Tool

| Designation | | $h = h_1$ inch | b inch | f inch | l_1 inch | l_4 inch | γ | λ_s | Type |
|-------------|--|-------------------|-------------|-------------|---------------|---------------|----------|-------------|------------------------------|
| SVJBR082 | | 11 | 0.500 | 0.500 | 0.625 | 3.500 | 0° | 0° | VB .. 1103 .. VB .. 22 .. |
| SVJBR102 | | 11 | 0.625 | 0.625 | 0.750 | 4.000 | 0° | 0° | |
| SVJBR122B | | 11 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | |
| SVJBR123B | | 16 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | VB .. 1604 .. VB .. 33 .. |
| SVJBR163C | | 16 | 1.000 | 1.000 | 1.250 | 5.000 | 0° | 0° | |
| SVJBR163D | | 16 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | |
| SVJBL082 | | 11 | 0.500 | 0.500 | 0.625 | 3.500 | 0° | 0° | VB .. 1103 .. VB .. 22 .. |
| SVJBL102 | | 11 | 0.625 | 0.625 | 0.750 | 4.000 | 0° | 0° | |
| SVJBL122B | | 11 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | |
| SVJBL123B | | 16 | 0.750 | 0.750 | 1.000 | 4.500 | 0° | 0° | VB .. 1604 .. VB .. 33 .. |
| SVJBL163C | | 16 | 1.000 | 1.000 | 1.250 | 5.000 | 0° | 0° | |
| SVJBL163D | | 16 | 1.000 | 1.000 | 1.250 | 6.000 | 0° | 0° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type $h = h_1$ [inch] | VB .. 1103 .. VB .. 22 .. 0.5–0.75 | VB .. 1604 .. VB .. 33 .. 0.75–1 |
|--|--|--|--|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2060 (T15IP) 2.213 lbs |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

Accessories

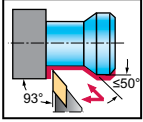
| Type | VB .. 1103 .. | VB .. 1604 .. |
|------|---------------|---------------|
| | Shim | AP330-VB1612 |

Shank tool – Screw clamping

SVJB...-P

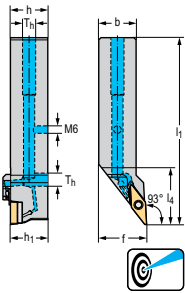
Walter Turn

– Precision cooling



Tool

| Designation | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | T _h | Type |
|----------------|--------------------------|---------|---------|----------------------|----------------------|----|----------------|----------------|---------------|
| SVJBR2020X16-P | 16 | 20 | 25 | 110 | 33.5 | 0° | 0° | G1/8" | VB .. 1604 .. |
| SVJBR2525X16-P | 16 | 25 | 32 | 125 | 33.5 | 0° | 0° | G1/8" | |
| SVJBL2020X16-P | 16 | 20 | 25 | 110 | 33.5 | 0° | 0° | G1/8" | VB .. 1604 .. |
| SVJBL2525X16-P | 16 | 25 | 32 | 125 | 33.5 | 0° | 0° | G1/8" | |



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 160408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

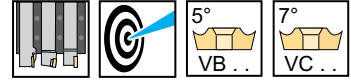
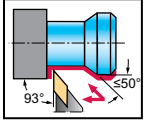
| | Type h = h ₁ [mm] | VB .. 1604 .. 20–25 |
|--|--|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2060 (T15IP) 3 Nm |
| | Shim | AP316-VB1608 |
| | Screw for shim | FS2068 (SW 3.5) |
| | M6 threaded plug | FS2288 (SW 3) |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS1465 (T15IP) |

Shank tool – Screw clamping

SVJB...-S-P

Walter Turn

- Precision cooling
- For Swiss Machining



Tool

| Designation | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | T _h | Type |
|------------------|--------------------------|---------|---------|----------------------|----------------------|----|----------------|----------------|---------------|
| SVJBR1010H11-S-P | 11 | 10 | 10 | 100 | 22 | 0° | 0° | M6 | VB .. 1103 .. |
| SVJBR1212J11-S-P | 11 | 12 | 12 | 110 | 22 | 0° | 0° | M8X1 | |
| SVJBR1616X11-S-P | 11 | 16 | 16 | 120 | 22 | 0° | 0° | G1/8" | |
| SVJBL1010H11-S-P | 11 | 10 | 10 | 100 | 22 | 0° | 0° | M6 | VB .. 1103 .. |
| SVJBL1212J11-S-P | 11 | 12 | 12 | 110 | 22 | 0° | 0° | M8X1 | |
| SVJBL1616X11-S-P | 11 | 16 | 16 | 120 | 22 | 0° | 0° | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type h = h ₁ [mm] | VB .. 1103 .. 10 | VB .. 1103 .. 12 | VB .. 1103 .. 16 |
|--|-------------------------|-------------------------|-------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm |
| G 1/8" threaded plug | | | FS2258 (SW 2) |
| M8X1 threaded plug | | FS2587 (SW 4) | |
| M6 threaded plug | FS2288 (SW 3) | | |
| Torx key | FS1490 (T7IP) | FS1490 (T7IP) | FS1490 (T7IP) |

Accessories

| Type h = h ₁ [mm] | VB .. 1103 .. 10-16 | VB .. 1103 .. 12 |
|---------------------------------|------------------------|---------------------|
| M8x1 angle connection | | FS2596 |
| M8x1 connection element | | FS2597 |
| Copper gasket | | FS2598 |

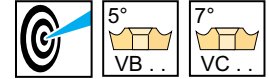
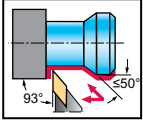
Shank tool – Rigid clamping

DVJB...-P

Walter Turn



– Precision cooling



Tool

| | Designation | | h = h ₁ mm | b mm | b ₁ mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type | |
|--|----------------|--|--------------------------|---------|----------------------|---------|----------------------|----------------------|------|----------------|---------------|---------------|
| | | | | | | | | | | | VB .. 1604 .. | |
| | DVJBR2020X16-P | | 16 | 20 | 20 | 4 | 25 | 125 | 48.5 | -2° | -7° | VB .. 1604 .. |
| | DVJBR2525X16-P | | 16 | 25 | 25 | 0 | 32 | 140 | 48.5 | -2° | -7° | VB .. 1604 .. |
| | DVJBL2020X16-P | | 16 | 20 | 20 | 4 | 25 | 125 | 48.5 | -2° | -7° | VB .. 1604 .. |
| | DVJBL2525X16-P | | 16 | 25 | 25 | 0 | 32 | 140 | 48.5 | -2° | -7° | VB .. 1604 .. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 160408 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | VB .. 1604 .. |
|-------------------------|--------------------------------------|--------------------------|
| h = h ₁ [mm] | | 20–25 |
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Right clamp | PK261R |
| | Left clamp | PK261L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) |

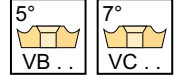
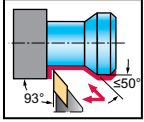
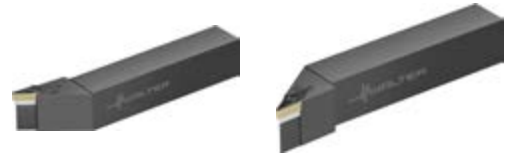
Accessories

| Type | Type | VB .. 1604 .. |
|------|--|---------------|
| | (standard assembly parts) Right clamp set | PK261R-SET |
| | (standard assembly parts) Left clamp set | PK261L-SET |

Shank tool – Lever clamping

PVJB

Walter Turn



Tool

| Designation | | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|--------------|--|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| PVJBR1616H11 | | 11 | 16 | 20 | 100 | 25 | 0° | 0° | VB .. 1103 .. |
| PVJBR2020K11 | | 11 | 20 | 25 | 125 | 25 | 0° | 0° | |
| PVJBR2525M11 | | 11 | 25 | 32 | 150 | 32 | 0° | 0° | |
| PVJBR1616H16 | | 16 | 16 | 20 | 100 | 32 | 0° | 0° | VB .. 1604 .. |
| PVJBR2020K16 | | 16 | 20 | 25 | 125 | 34 | 0° | 0° | |
| PVJBR2525M16 | | 16 | 25 | 32 | 150 | 38 | 0° | 0° | |
| PVJBR3225P16 | | 16 | 32 | 32 | 170 | 38 | 0° | 0° | |
| PVJBL1616H11 | | 11 | 16 | 20 | 100 | 25 | 0° | 0° | VB .. 1103 .. |
| PVJBL2020K11 | | 11 | 20 | 25 | 125 | 25 | 0° | 0° | |
| PVJBL2525M11 | | 11 | 25 | 32 | 150 | 32 | 0° | 0° | |
| PVJBL1616H16 | | 16 | 16 | 20 | 100 | 32 | 0° | 0° | VB .. 1604 .. |
| PVJBL2020K16 | | 16 | 20 | 25 | 125 | 34 | 0° | 0° | |
| PVJBL2525M16 | | 16 | 25 | 32 | 150 | 38 | 0° | 0° | |
| PVJBL3225P16 | | 16 | 32 | 32 | 170 | 38 | 0° | 0° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type $h = h_1$ [mm] | VB .. 1103 .. 16–25 | VB .. 1604 .. 16 | VB .. 1604 .. 20–32 |
|-------------------------------------|------------------------|--------------------------|------------------------|
| Shim | | AP153 | AP153 |
| Shim pin | | RS101 | RS101 |
| Lever | KN118 | KN110 | KN110 |
| Clamping screw Tightening torque | FS347 (SW 2) 0.6 Nm | FS332 (SW 2.5) 2.5 Nm | FS351 (SW 2.5) 2 Nm |
| Tapered assembly pin | | MD101 | MD101 |
| Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-2.5 (SW 2.5) |

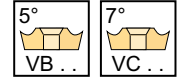
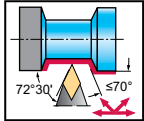
Accessories

| Type | VB .. 1103 .. | VB .. 1604 .. |
|------|---------------|---------------|
| Shim | | AP154 |

Shank tool – Screw clamping

SVVB

Walter Turn



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|------|--------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|---------------|
| | | | | | | | | | | VB .. 1103 .. |
| | SVVBN1212F11 | 11 | 12 | 12 | 6.3 | 80 | 21.1 | 0° | 0° | VB .. 1103 .. |
| | SVVBN1616H11 | 11 | 16 | 16 | 8.3 | 100 | 21.1 | 0° | 0° | VB .. 1103 .. |
| | SVVBN2020K11 | 11 | 20 | 20 | 10.3 | 125 | 21.1 | 0° | 0° | VB .. 1103 .. |
| | SVVBN2525M11 | 11 | 25 | 25 | 12.8 | 150 | 21.1 | 0° | 0° | VB .. 1103 .. |
| | SVVBN2020K16 | 16 | 20 | 20 | 10.6 | 125 | 31.5 | 0° | 0° | VB .. 1604 .. |
| | SVVBN2525M16 | 16 | 25 | 25 | 13.1 | 150 | 31.5 | 0° | 0° | VB .. 1604 .. |
| | SVVBN3225P16 | 16 | 32 | 25 | 13.1 | 170 | 31.5 | 0° | 0° | VB .. 1604 .. |

Square shank

Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

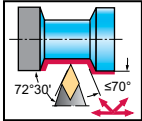
| Assembly parts | | VB .. 1103 .. 12–25 | VB .. 1604 .. 20–32 |
|----------------|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

| Accessories | | VB .. 1103 .. | VB .. 1604 .. |
|-------------|------|---------------|---------------|
| | Shim | | AP330-VB1612 |


Shank tool – Screw clamping

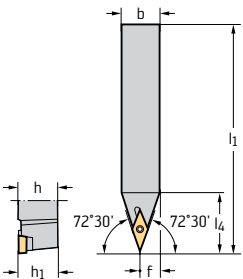
SVVB inch

Walter Turn



Tool





| Designation |  | $h = h_1$ inch | b inch | f inch | l_1 inch | l_4 inch | γ | λ_s | Type |
|-------------|---|-------------------|-----------|-----------|---------------|---------------|----------|-------------|---------------|
| SVVBN123B | 16 | 0.750 | 0.750 | 0.395 | 4.500 | 1.24 | 0° | 0° | VB .. 1604 .. |
| SVVBN163D | 16 | 1.000 | 1.000 | 0.52 | 6.000 | 1.24 | 0° | 0° | VB .. 33 .. |



Square shank

Measured with master insert: VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type $h = h_1$ [inch] | VB .. 1604 .. VB .. 33 .. 0.75–1 |
|---|--|--|
|  | Clamping screw for indexable insert Tightening torque | FS2060 (T15IP) 2.213 lbs |
|  | Shim | AP316-VB1608 |
|  | Screw for shim | FS2068 (SW 3.5) |
|  | Torx key | FS1465 (T15IP) |

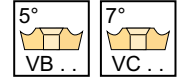
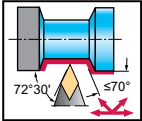
Accessories

| | Type | VB .. 1604 .. VB .. 33 .. |
|---|------|------------------------------|
|  | Shim | AP330-VB1612 |

Shank tool – Lever clamping

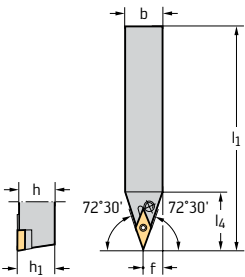
PVVB

Walter Turn



Tool

| Designation | | $h = h_1$ mm | b mm | f mm | l_1 mm | l_4 mm | γ | λ_s | Type |
|--------------|--|-----------------|---------|---------|-------------|-------------|----------|-------------|---------------|
| PVVBN2020K11 | | 11 | 20 | 10 | 125 | 25 | 0° | 0° | VB .. 1103 .. |
| PVVBN2525M11 | | 11 | 25 | 12.5 | 150 | 25 | 0° | 0° | |
| PVVBN2020K16 | | 16 | 20 | 10 | 125 | 34 | 0° | 0° | VB .. 1604 .. |
| PVVBN2525M16 | | 16 | 25 | 12.5 | 150 | 34 | 0° | 0° | |
| PVVBN3225P16 | | 16 | 32 | 12.5 | 170 | 34 | 0° | 0° | |



Square shank

Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | VB .. 1103 .. 20–25 | VB .. 1604 .. 20–32 |
|------|-------------------------------------|------------------------|------------------------|
| | Shim | | AP153 |
| | Lever | KN118 | KN110 |
| | Clamping screw Tightening torque | FS347 (SW 2) 0.6 Nm | FS351 (SW 2.5) 2 Nm |
| | Shim pin | | RS101 |
| | Tapered assembly pin | | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) |

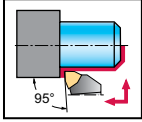
Accessories

| Type | VB .. 1103 .. | VB .. 1604 .. |
|------|---------------|---------------|
| | Shim | AP154 |

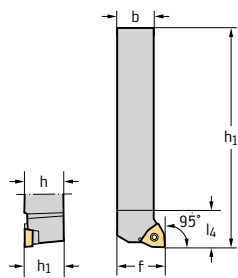
Shank tool – Screw clamping

SWLC

Walter Turn



Tool



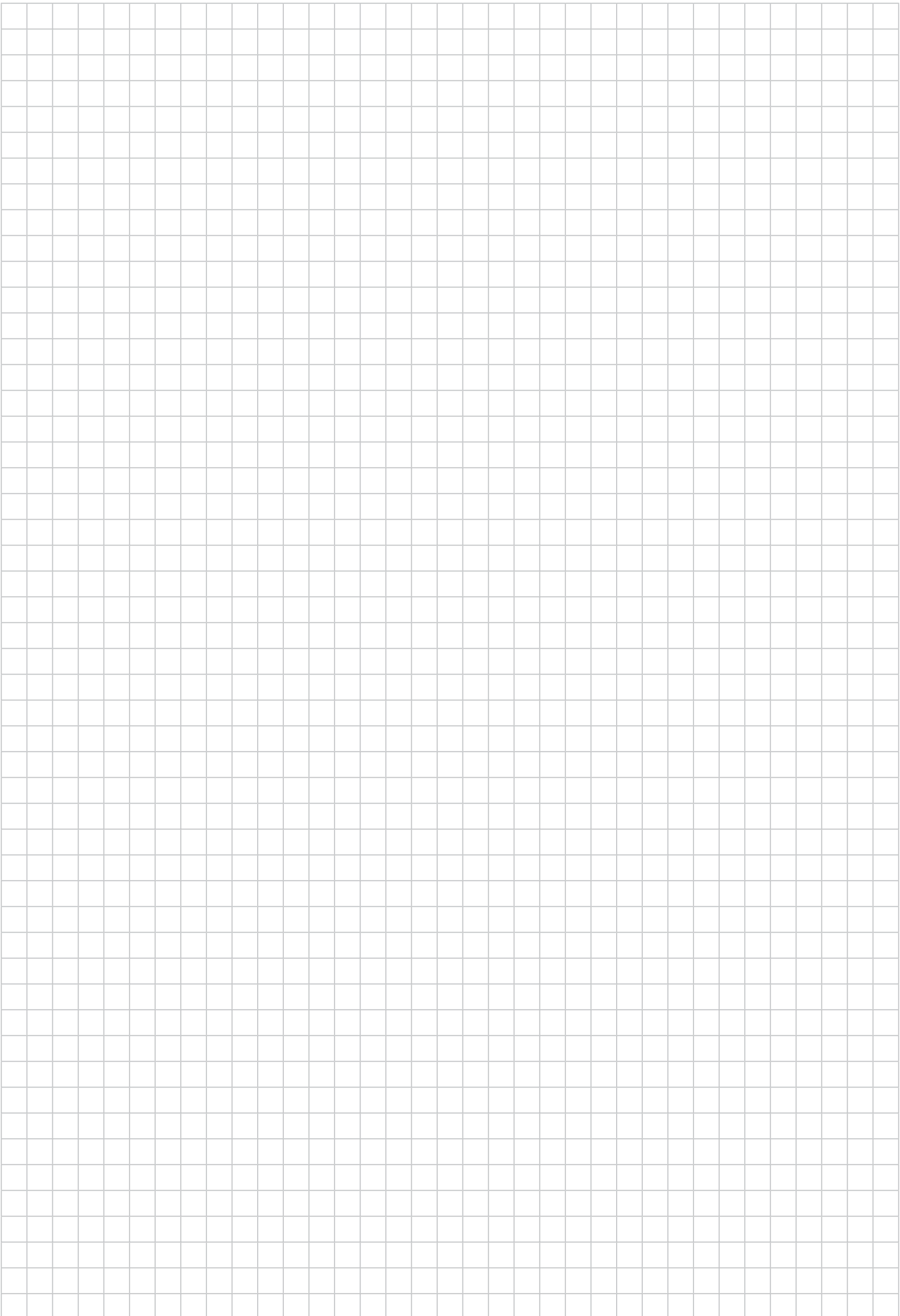
Square shank

| Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|--------------|--|--------------------------|---------|---------|----------------------|----------------------|----|----------------|---------------|
| SWLCR1212F04 | | 4 | 12 | 16 | 80 | 11 | 0° | 0° | WC .. 0402 .. |
| SWLCR1616H06 | | 6 | 16 | 20 | 100 | 15 | 0° | 0° | WC .. 06T3 .. |
| SWLCR2020K06 | | 6 | 20 | 25 | 125 | 15 | 0° | 0° | |
| SWLCR2525M06 | | 6 | 25 | 32 | 150 | 17 | 0° | 0° | |
| SWLCR2020K08 | | 8 | 20 | 25 | 125 | 20 | 0° | 0° | WC .. 0804 .. |
| SWLCR2525M08 | | 8 | 25 | 32 | 150 | 21 | 0° | 0° | |
| SWLCL1212F04 | | 4 | 12 | 16 | 80 | 11 | 0° | 0° | WC .. 0402 .. |
| SWLCL1616H06 | | 6 | 16 | 20 | 100 | 15 | 0° | 0° | WC .. 06T3 .. |
| SWLCL2020K06 | | 6 | 20 | 25 | 125 | 15 | 0° | 0° | |
| SWLCL2525M06 | | 6 | 25 | 32 | 150 | 17 | 0° | 0° | |
| SWLCL2020K08 | | 8 | 20 | 25 | 125 | 20 | 0° | 0° | WC .. 0804 .. |
| SWLCL2525M08 | | 8 | 25 | 32 | 150 | 21 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WC .. 040204 / WC .. 06T308 / WC .. 080408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type h = h ₁ [mm] | WC .. 0402 .. 12 | WC .. 06T3 .. 16–25 | WC .. 0804 .. 20–25 |
|--|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2067 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm |
| | Shim | | AP318-WC0608 | AP320-WC0812 |
| | Screw for shim | | FS2068 (SW 3.5) | FS2069 (SW 4) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1496 (T15IP) |



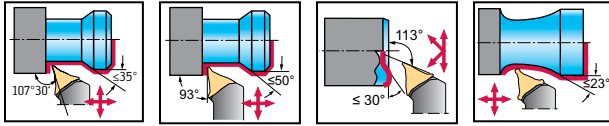
Shank tool – Copy turning system

W1011

Walter Turn



– With WL form-fit system



Tool

| Tool | | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|------|--|------------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|--------|
| | | W1011-1616R-WL25 | 25 | 16 | 16 | 20 | 100 | 33.5 | 0° | 0° | WL25.. |
| | | W1011-2020R-WL25 | 25 | 20 | 20 | 25 | 125 | 33.5 | 0° | 0° | |
| | | W1011-2525R-WL25 | 25 | 25 | 25 | 32 | 150 | 33.5 | 0° | 0° | |
| | | W1011-1616L-WL25 | 25 | 16 | 16 | 20 | 100 | 33.5 | 0° | 0° | WL25.. |
| | | W1011-2020L-WL25 | 25 | 20 | 20 | 25 | 125 | 33.5 | 0° | 0° | |
| | | W1011-2525L-WL25 | 25 | 25 | 25 | 32 | 150 | 33.5 | 0° | 0° | |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert:WL25-VC0708N-MM4 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type | WL25.. |
|--|--|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

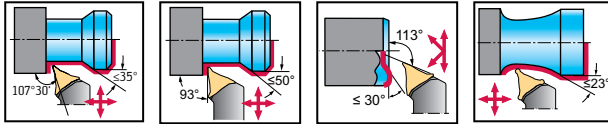
Shank tool – Copy turning system

W1011...-P mm

Walter Turn



- Precision cooling
- With WL form-fit system



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|---------------------|--------------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|--------|
| <p>Square shank</p> | W1011-2020R-WL17-P | 17 | 20 | 20 | 25 | 125 | 25 | 0° | 0° | WL17.. |
| | W1011-1616R-WL25-P | 25 | 16 | 16 | 20 | 115 | 30 | 0° | 0° | WL25.. |
| | W1011-2020R-WL25-P | 25 | 20 | 20 | 25 | 115 | 33.5 | 0° | 0° | |
| | W1011-2525R-WL25-P | 25 | 25 | 25 | 32 | 130 | 33.5 | 0° | 0° | |
| | W1011-3225R-WL25-P | 25 | 32 | 25 | 32 | 140 | 36.5 | 0° | 0° | |
| | W1011-2020L-WL17-P | 17 | 20 | 20 | 25 | 125 | 25 | 0° | 0° | WL17.. |
| | W1011-1616L-WL25-P | 25 | 16 | 16 | 20 | 115 | 30 | 0° | 0° | WL25.. |
| | W1011-2020L-WL25-P | 25 | 20 | 20 | 25 | 115 | 33.5 | 0° | 0° | |
| | W1011-2525L-WL25-P | 25 | 25 | 25 | 32 | 130 | 33.5 | 0° | 0° | |
| | W1011-3225L-WL25-P | 25 | 32 | 25 | 32 | 140 | 36.5 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 / WL17-VC050804N-FM4 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | WL17.. | WL25.. |
|----------------|--|-----------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1457 (T9IP) 2 Nm | FS1495 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Allen key | | FS1464 (T20IP) |
| | Torx key | FS1466 (T9IP) | |

WALTER SELECT

●● Primary application ● Other application

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

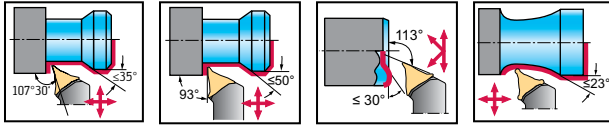
Shank tool – Copy turning system

W1011...-P inch

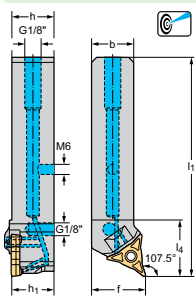
Walter Turn



- Precision cooling
- With WL form-fit system



Tool



Designation



$h = h_1$
inch

b
inch

f
inch

l_1
inch

l_4
inch

γ

λ_s

Type

W1011,12R-WL25-P

25

0.750

0.750

1.000

4.500

1.319

0°

0°

WL25..

W1011,16R-WL25-P

25

1.000

1.000

1.250

6.000

1.319

0°

0°

W1011,12L-WL25-P

25

0.750

0.750

1.000

4.500

1.319

0°

0°

WL25..

W1011,16L-WL25-P

25

1.000

1.000

1.250

6.000

1.319

0°

0°

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert:WL25-VC0708N-MM4 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type | WL25.. |
|--|--|-----------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 3.688 lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Allen key | FS1464 (T20IP) |

WALTER
SELECT

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

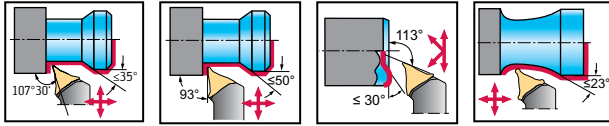
Shank tool – Copy turning system

W1011...-S-P

Walter Turn



- Precision cooling
- For Swiss Machining



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | T _h | Type |
|------|----------------------|--|--------------------------|---------|---------|----------------------|----------------------|----|----------------|----------------|--------|
| | | | | | | | | | | | WL17.. |
| | W1011-1212R-WL17-S-P | | 17 | 12 | 12 | 110 | 22 | 0° | 0° | M8X1 | WL17.. |
| | W1011-1616R-WL17-S-P | | 17 | 16 | 16 | 110 | 22 | 0° | 0° | G1/8" | WL17.. |
| | W1011-1212L-WL17-S-P | | 17 | 12 | 12 | 110 | 22 | 0° | 0° | M8X1 | WL17.. |
| | W1011-1616L-WL17-S-P | | 17 | 16 | 16 | 110 | 22 | 0° | 0° | G1/8" | WL17.. |

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert:WL17-VC050804R-FM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | |
|----------------|-----------------------|------|
| Type | WL17.. | Type |
| | FS1457 (T9IP) 2 Nm | |
| | FS2258 (SW 2) | |
| | FS2587 (SW 4) | |
| | FS1466 (T9IP) | |

| Accessories | | |
|-------------|--------|------|
| Type | WL17.. | Type |
| | FS2596 | |
| | FS2597 | |
| | FS2598 | |

WALTER SELECT ●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

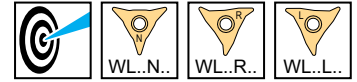
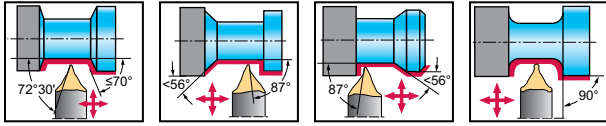
Shank tool – Copy turning system

W1010...-P

Walter Turn



- Precision cooling
- With WL form-fit system



Tool

| | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ_s | Type |
|--|--------------------|--|--------------------------|---------|---------|----------------------|----------------------|----------|-------------|--------|
| | W1010-1616N-WL17-P | | 17 | 16 | 8 | 120 | 22 | 0° | 0° | WL17.. |
| | W1010-2020N-WL25-P | | 25 | 20 | 10 | 115 | 33.5 | 0° | 0° | WL25.. |
| | W1010-2525N-WL25-P | | 25 | 25 | 13 | 130 | 33.5 | 0° | 0° | WL25.. |

Square shank

Measured with master insert: WL17-VC050804N-FM4 / WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type | WL17.. | WL25.. |
|--|--|-----------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1457 (T9IP) 2 Nm | FS1495 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | | FS2288 (SW 3) |
| | Torx key | FS1466 (T9IP) | |
| | Allen key | | FS1464 (T20IP) |

**WALTER
SELECT**

●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

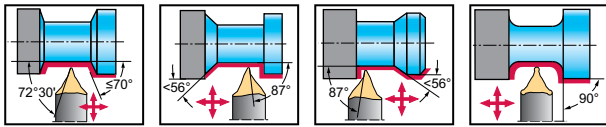
Shank tool – Copy turning system

W1010...-P inch

Walter Turn



- Precision cooling
- With WL form-fit system



| Tool | | Designation | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | γ | λ_s | Type |
|------|--|------------------|----|----------------------------|-----------|-----------|------------------------|------------------------|----------|-------------|--------|
| | | W1010,12N-WL25-P | 25 | 0.750 | 0.750 | 0.375 | 4.500 | 1.319 | 0° | 0° | WL25.. |
| | | W1010,16N-WL25-P | 25 | 1.000 | 1.000 | 0.500 | 6.000 | 1.319 | 0° | 0° | |

Square shank

Measured with master insert:WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | |
|----------------|--|-----------------------------|
| | Type | WL25.. |
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 3.688 lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Allen key | FS1464 (T20IP) |

WALTER SELECT

●● Primary application ● Other application

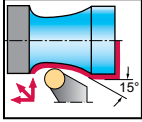
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Shank tool – Rigid clamping

CRSN

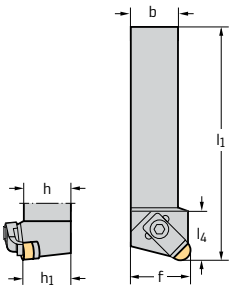
Walter Turn

- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|-----------------|--|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|---------------|
| CRSNR2525M12-ID | | 12 | 25 | 150 | 28 | 32 | -6° | -6° | RNGN1207 .. |
| CRSNR3225P12-ID | | 12 | 32 | 170 | 28 | 32 | -6° | -6° | RNGN1207 .. |
| CRSNR3232P15-ID | | 15 | 32 | 170 | 30 | 40 | -6° | -6° | RN .. 1507 .. |
| CRSNL2525M12-ID | | 12 | 25 | 150 | 28 | 32 | -6° | -6° | RNGN1207 .. |
| CRSNL3225P12-ID | | 12 | 32 | 170 | 28 | 32 | -6° | -6° | RNGN1207 .. |
| CRSNL3232P15-ID | | 15 | 32 | 170 | 30 | 40 | -6° | -6° | RN .. 1507 .. |



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RN .. 120700 / RN .. 150700 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | RN .. 1507 .. 32 | RNGN1207 .. 25-32 |
|------|-------------------------------------|-----------------------|----------------------|
| | Shim | AP419-RN1507 | |
| | Shim for RN .. 1207 .. | | AP418-RN1207 |
| | Screw for shim Tightening torque | FS2242 (SW 2) 2 Nm | FS2241 (T20) 5 Nm |
| | Clamp with screw | PK258-SET | PK258-SET |
| | Carbide clamping plate | FK380 | FK380 |
| | Allen key for clamp | ISO2936-4 (SW 4) | ISO2936-4 (SW 4) |
| | Torx key for shim | | FS256 (T20) |
| | Allen key for shim | ISO2936-2 (SW 2) | |

Accessories

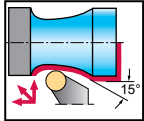
| Type | RN .. 1507 .. | RNGN1207 .. |
|------|------------------------|--------------|
| | Shim for RN .. 1204 .. | AP421-RN1204 |

Shank tool - Rigid clamping




CRSN...-P

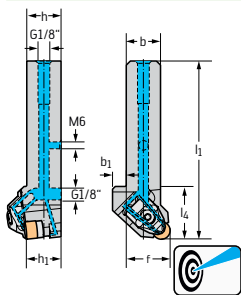
Walter Turn

- Precision cooling
- For ceramic indexable inserts



Tool

| Designation |  | h = h ₁ mm | b mm | b ₁ mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|----------------|---|--------------------------|---------|----------------------|----------------------|----------------------|---------|-----|----------------|-------------|
| CRSNR2525X12-P |  | 12 | 25 | 10 | 130 | 38.5 | 32 | -6° | -6° | RNGN1207 .. |
| CRSNL2525X12-P |  | 12 | 25 | 10 | 130 | 38.5 | 32 | -6° | -6° | RNGN1207 .. |




Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RN .. 120700 | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | RNGN1207 .. |
|---|--------------------------------------|--------------------------|
|  | Shim for RN .. 1207 .. | AP418-RN1207 |
|  | Screw for shim Tightening torque | FS2241 (T20) 5 Nm |
|  | Clamp | PK268 |
|  | Screw for clamp Tightening torque | FS1474 (T20IP) 6.4 Nm |
|  | Pressure spring | FS2298 |
|  | G 1/8" threaded plug | FS2258 (SW 2) |
|  | M6 threaded plug | FS2288 (SW 3) |
|  | Allen key | FS1464 (T20IP) |

Accessories

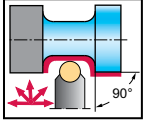
| Type | RNGN1207 .. |
|--|--------------|
|  (standard assembly parts) Clamp set | PK268-SET |
|  Shim for RN .. 1204 .. | AP421-RN1204 |

Shank tool – Rigid clamping

CRDN

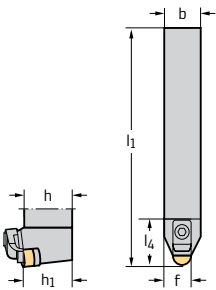
Walter Turn

- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool

| Designation | | h = h ₁ mm | b mm | l ₁ mm | l ₄ mm | f mm | γ | λ _s | Type |
|-----------------|----|--------------------------|---------|----------------------|----------------------|---------|-----|----------------|-------------|
| CRDNN2525M12-ID | 12 | 25 | 25 | 150 | 32 | 18.8 | -8° | 0° | RNGN1207 .. |
| CRDNN3225P12-ID | 12 | 32 | 25 | 170 | 32 | 18.8 | -8° | 0° | |



Square shank

Measured with master insert: RN .. 120700 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | h = h ₁ [mm] | RNGN1207 .. 25-32 |
|------|-------------------------------------|----------------------|
| | Shim for RN .. 1207 .. | AP418-RN1207 |
| | Screw for shim Tightening torque | FS2241 (T20) 5 Nm |
| | Clamp with screw | PK258-SET |
| | Carbide clamping plate | FK380 |
| | Allen key for clamp | ISO2936-4 (SW 4) |
| | Torx key | FS256 (T20) |

Accessories

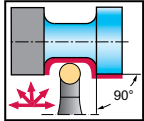
| Type | RNGN1207 .. |
|------|--|
| | Shim for RN .. 1204 .. AP421-RN1204 |

Shank tool – Rigid clamping

CRDC

Walter Turn

- For ceramic indexable inserts
- Claw clamping with carbide shoe



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | γ | λ _s | Type |
|------|----------------|----|--------------------------|---------|---------|----------------------|----------------------|----|----------------|--------------------------------|
| | | | | | | | | | | |
| | CRDCN3225P09-A | 9 | 32 | 25 | 17.2 | 170 | 31 | 0° | 0° | RC . X0907 .. RP . X0907 .. |
| | CRDCN3225P12-A | 12 | 32 | 25 | 18.8 | 170 | 40 | 0° | 0° | RC . X1207 .. RP . X1207 .. |

Square shank

Measured with master insert: RC .. 090700 / RC .. 120700 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

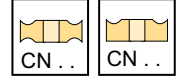
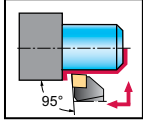
| Assembly parts | Type h = h ₁ (mm) | RC . X0907 .. | RC . X1207 .. |
|----------------|--------------------------------------|-----------------------|-----------------------|
| | | 32 | 32 |
| | Shim | AP416-RC0907 | AP417-RC1207 |
| | Clamping sleeve | RS121 | RS122 |
| | Clamp with screw | PK257-SET | PK257-SET |
| | Screw for clamp Tightening torque | FS2240 (SW 4) 8 Nm | FS2240 (SW 4) 8 Nm |
| | Allen key for clamp | ISO2936-4 (SW 4) | ISO2936-4 (SW 4) |

Turning tools – Rigid clamping

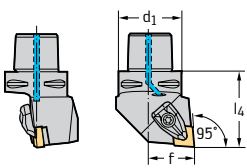
C...-DCLN

Walter Turn

– Walter Capto™



Tool







Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-DCLNR-27050-12 | 12 | C4 | 27 | 50 | 110 | 140 | -6° | -6° | CN .. 1204 .. |
| C5-DCLNR-35060-12 | 12 | C5 | 35 | 60 | 110 | 165 | -6° | -6° | |
| C6-DCLNR-45065-12 | 12 | C6 | 45 | 65 | 110 | 190 | -6° | -6° | |
| C8-DCLNR-55080-12 | 12 | C8 | 55 | 80 | 110 | 250 | -6° | -6° | |
| C4-DCLNR-27055-16 | 16 | C4 | 27 | 55 | 125 | 145 | -6° | -6° | CN .. 1606 .. |
| C5-DCLNR-35060-16 | 16 | C5 | 35 | 60 | 125 | 165 | -6° | -6° | |
| C6-DCLNR-45065-16 | 16 | C6 | 45 | 65 | 125 | 190 | -6° | -6° | |
| C8-DCLNR-55080-16 | 16 | C8 | 55 | 80 | 125 | 250 | -6° | -6° | |
| C5-DCLNR-35060-19 | 19 | C5 | 35 | 60 | 80 | 165 | -6° | -6° | CN .. 1906 .. |
| C6-DCLNR-45065-19 | 19 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |
| C8-DCLNR-55080-19 | 19 | C8 | 55 | 80 | 100 | 250 | -6° | -6° | |
| C4-DCLNL-27050-12 | 12 | C4 | 27 | 50 | 110 | 140 | -6° | -6° | CN .. 1204 .. |
| C5-DCLNL-35060-12 | 12 | C5 | 35 | 60 | 110 | 165 | -6° | -6° | |
| C6-DCLNL-45065-12 | 12 | C6 | 45 | 65 | 110 | 190 | -6° | -6° | |
| C8-DCLNL-55080-12 | 12 | C8 | 55 | 80 | 110 | 250 | -6° | -6° | |
| C4-DCLNL-27055-16 | 16 | C4 | 27 | 55 | 125 | 145 | -6° | -6° | CN .. 1606 .. |
| C5-DCLNL-35060-16 | 16 | C5 | 35 | 60 | 125 | 165 | -6° | -6° | |
| C6-DCLNL-45065-16 | 16 | C6 | 45 | 65 | 125 | 190 | -6° | -6° | |
| C8-DCLNL-55080-16 | 16 | C8 | 55 | 80 | 125 | 250 | -6° | -6° | |
| C5-DCLNL-35060-19 | 19 | C5 | 35 | 60 | 80 | 165 | -6° | -6° | CN .. 1906 .. |
| C6-DCLNL-45065-19 | 19 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |
| C8-DCLNL-55080-19 | 19 | C8 | 55 | 80 | 100 | 50 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d ₁ | CN .. 1204 .. C4–C8 | CN .. 1606 .. C4–C8 | CN .. 1906 .. C5–C8 |
|--|--------------------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP301-CN12 | AP302-CN16 | AP303-CN19 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 | PK243 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 |
| | Cooling nozzle | FS1475 | FS1475 | FS1475 |
| | Torx key | FS1465 (T15IP) | | |
| | Allen key | | FS1464 (T20IP) | FS1464 (T20IP) |

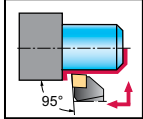
| Accessories | | | | |
|---|--|---------------|---------------|---------------|
| | Type | CN .. 1204 .. | CN .. 1606 .. | CN .. 1906 .. |
|  | (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET |
|  | Insert with hole Carbide clamp set | PK245-SET | PK246-SET | |
|  | Insert with hole Carbide clamp set | PK254-SET | | |
|  | Shim for CN .. 1207 .. | AP411-CN1207 | | |

Turning tools – Rigid clamping

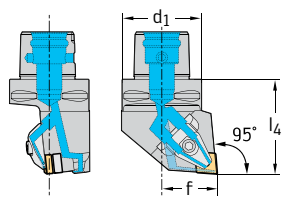
C...-DCLN...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|---------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-------|----------------|---------------|
| C4-DCLNR-27050-12-P | 12 | C4 | 27 | 50 | 500 | 500 | -6° | -6° | CN .. 1204 .. |
| C5-DCLNR-35060-12-P | 12 | C5 | 35 | 60 | 600 | 600 | -6° | -6° | |
| C6-DCLNR-45065-12-P | 12 | C6 | 45 | 65 | 600 | 600 | -6° | -6° | |
| C8-DCLNR-55080-12-P | 12 | C8 | 55 | 80 | 700 | 700 | -6° | -6° | |
| C5-DCLNR-35060-16-P | 16 | C5 | 35 | 60 | 600 | 600 | -5.5° | -6.4° | CN .. 1606 .. |
| C6-DCLNR-45065-16-P | 16 | C6 | 45 | 65 | 600 | 600 | -6° | -6° | |
| C8-DCLNR-55080-16-P | 16 | C8 | 55 | 80 | 700 | 700 | -5.5° | -6.4° | |
| C4-DCLNL-27050-12-P | 12 | C4 | 27 | 50 | 500 | 500 | -6° | -6° | CN .. 1204 .. |
| C5-DCLNL-35060-12-P | 12 | C5 | 35 | 60 | 600 | 600 | -6° | -6° | |
| C6-DCLNL-45065-12-P | 12 | C6 | 45 | 65 | 600 | 600 | -6° | -6° | |
| C8-DCLNL-55080-12-P | 12 | C8 | 55 | 80 | 700 | 700 | -6° | -6° | |
| C5-DCLNL-35060-16-P | 16 | C5 | 35 | 60 | 600 | 600 | -5.5° | -6.4° | CN .. 1606 .. |
| C6-DCLNL-45065-16-P | 16 | C6 | 45 | 65 | 600 | 600 | -6° | -6° | |
| C8-DCLNL-55080-16-P | 16 | C8 | 55 | 80 | 700 | 700 | -5.5° | -6.4° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | d ₁ | CN .. 1204 .. C4-C8 | CN .. 1606 .. C5-C8 |
|------|--------------------------------------|--------------------------|--------------------------|
| | Shim | AP301-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK255 | PK267 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS2188 | FS2298 |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

Accessories

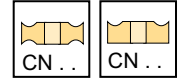
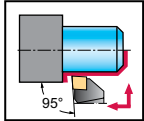
| Type | CN .. 1204 .. | CN .. 1606 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK255-SET | PK267-SET |

Turning tools – Lever clamping

C...-PCLN mm

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|---|-------------------|----|----------------|------|-------------------|---------------------|----------------------|-----|----------------|---------------|
| <p>Walter Capto™ in acc. with ISO 26623</p> | C3-PCLNR-22040-12 | 12 | C3 | 22 | 40 | 60 | 116 | -6° | -6° | CN .. 1204 .. |
| | C4-PCLNR-27050-12 | 12 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | |
| | C5-PCLNR-35060-12 | 12 | C5 | 35 | 60 | 65 | 165 | -6° | -6° | |
| | C6-PCLNR-45065-12 | 12 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |
| | C8-PCLNR-55080-12 | 12 | C8 | 55 | 80 | 100 | 250 | -6° | -6° | |
| | C4-PCLNR-27050-16 | 16 | C4 | 27 | 50 | 80 | 140 | -6° | -6° | CN .. 1606 .. |
| | C5-PCLNR-35060-16 | 16 | C5 | 35 | 60 | 80 | 165 | -6° | -6° | |
| | C6-PCLNR-45065-16 | 16 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |
| C8-PCLNR-55080-16 | 16 | C8 | 55 | 80 | 100 | 250 | -6° | -6° | | |
| C6-PCLNR-45065-19 | 19 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | CN .. 1906 .. | |
| C8-PCLNR-55080-19 | 19 | C8 | 55 | 80 | 100 | 250 | -6° | -6° | | |
| C8-PCLNR-55080-25 | 25 | C8 | 55 | 80 | 150 | 250 | -6° | -6° | CN .. 2509 .. | |
| C3-PCLNL-22040-12 | 12 | C3 | 22 | 40 | 60 | 116 | 116 | -6° | -6° | CN .. 1204 .. |
| C4-PCLNL-27050-12 | 12 | C4 | 27 | 50 | 60 | 140 | 140 | -6° | -6° | |
| C5-PCLNL-35060-12 | 12 | C5 | 35 | 60 | 65 | 165 | 165 | -6° | -6° | |
| C6-PCLNL-45065-12 | 12 | C6 | 45 | 65 | 81 | 190 | 190 | -6° | -6° | |
| C8-PCLNL-55080-12 | 12 | C8 | 55 | 80 | 100 | 250 | 250 | -6° | -6° | |
| C4-PCLNL-27050-16 | 16 | C4 | 27 | 50 | 80 | 140 | 140 | -6° | -6° | CN .. 1606 .. |
| C5-PCLNL-35060-16 | 16 | C5 | 35 | 60 | 80 | 165 | 165 | -6° | -6° | |
| C6-PCLNL-45065-16 | 16 | C6 | 45 | 65 | 81 | 190 | 190 | -6° | -6° | |
| C8-PCLNL-55080-16 | 16 | C8 | 55 | 80 | 100 | 250 | 250 | -6° | -6° | |
| C6-PCLNL-45065-19 | 19 | C6 | 45 | 65 | 1 | 190 | 190 | -6° | -6° | CN .. 1906 .. |
| C8-PCLNL-55080-19 | 19 | C8 | 55 | 80 | 100 | 250 | 250 | -6° | -6° | |
| C8-PCLNL-55080-25 | 25 | C8 | 55 | 80 | 150 | 250 | 250 | -6° | -6° | CN .. 2509 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 / CN .. 250924 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | CN .. 1204 .. C3-C4 | CN .. 1204 .. C5-C6 | CN .. 1204 .. C8 | CN .. 1606 .. C4 | CN .. 1606 .. C5-C6 | CN .. 1606 .. C8 | CN .. 1906 .. C6 | CN .. 1906 .. C8 | CN .. 2509 .. C8 |
|----------------|-------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| | Shim | AP134-CN1216 | AP134-CN1216 | AP134-CN1216 | AP135-CN1624 | AP135-CN1624 | AP135-CN1624 | AP136-CN1924 | AP136-CN1924 | AP192-CN2524 |
| | Lever | KN102 | KN102 | KN102 | KN104 | KN104 | KN104 | KN106 | KN106 | KN107 |
| | Clamping screw Tightening torque | FS352 (SW 3) 5 Nm | FS352 (SW 3) 5 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm | FS356 (SW 4) 10 Nm | FS357 (SW 5) 14 Nm |
| | Shim pin | RS102 | RS102 | RS102 | RS103 | RS103 | RS103 | RS104 | RS104 | RS105 |
| | Tapered assembly pin | MD101 | MD101 | MD101 | MD102 | MD102 | MD102 | MD102 | MD102 | MD103 |
| | Cooling nozzle | FS1477 | FS1476 | FS1479 | FS1477 | FS1476 | FS1479 | FS1476 | FS1479 | FS1479 |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

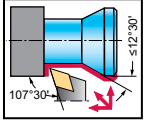
| Accessories | | CN .. 1204 .. | CN .. 1606 .. | CN .. 1906 .. | CN .. 2509 .. |
|-------------|------|---------------|---------------|---------------|---------------|
| | Shim | AP134-CN1208 | AP135-CN1616 | AP136-CN1912 | |

Turning tools – Rigid clamping

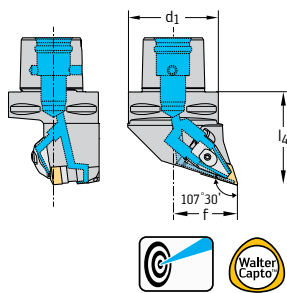
C...-DDHN...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



Designation

 d_1 f
mm l_4
mm D_{min}
mm D_{min2}
mm γ λ_s

Type

C6-DDHNR-45065-15-P

15

C6

45

65

500

700

-6°

7°

DN .. 1506 ..

C6-DDHNL-45065-15-P

15

C6

45

65

500

700

-6°

-7°

DN .. 1506 ..

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150608 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | DN .. 1506 .. C6 |
|--|--------------------------------------|--------------------------|
| | Shim | AP304-DN15 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK256 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | Torx key | FS1465 (T15IP) |

Accessories

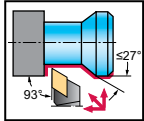
| | Type | DN .. 1506 .. |
|--|--|---------------|
| | (standard assembly parts) Clamp set | PK256-SET |
| | Shim for DN .. 1504 .. | AP304-DN1504 |

Turning tools – Rigid clamping

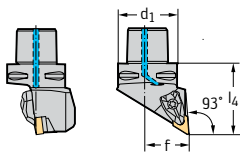
C...-DDJN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type | |
|-------------------|--|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|------|---------------|
| C4-DDJNR-27050-11 | | 11 | C4 | 27 | 50 | 60 | 140 | -6° | -7° | DN .. 1104 .. |
| C5-DDJNR-35060-11 | | 11 | C5 | 35 | 60 | 65 | 165 | -6° | -7° | |
| C6-DDJNR-45065-11 | | 11 | C6 | 45 | 65 | 81 | 190 | -6° | -7° | |
| C4-DDJNR-27055-15 | | 15 | C4 | 27 | 55 | 110 | 145 | -6° | -7° | DN .. 1506 .. |
| C5-DDJNR-35060-15 | | 15 | C5 | 35 | 60 | 110 | 165 | -6° | -7° | |
| C6-DDJNR-45065-15 | | 15 | C6 | 45 | 65 | 110 | 190 | -6° | -7° | |
| C8-DDJNR-55080-15 | | 15 | C8 | 55 | 80 | 110 | 250 | -6° | -7° | |
| C4-DDJNL-27050-11 | | 11 | C4 | 27 | 50 | 60 | 140 | -6° | -7° | DN .. 1104 .. |
| C5-DDJNL-35060-11 | | 11 | C5 | 35 | 60 | 65 | 165 | -6° | -7° | |
| C6-DDJNL-45065-11 | | 11 | C6 | 45 | 65 | 81 | 190 | -6° | -7° | |
| C4-DDJNL-27055-15 | | 15 | C4 | 27 | 55 | 110 | 145 | -6° | -7° | DN .. 1506 .. |
| C5-DDJNL-35060-15 | | 15 | C5 | 35 | 60 | 110 | 165 | -6° | -7° | |
| C6-DDJNL-45065-15 | | 15 | C6 | 45 | 65 | 110 | 190 | -6° | -7° | |
| C8-DDJNL-55080-15 | | 15 | C8 | 55 | 80 | 110 | 250 | -6° | -7° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | DN .. 1104 .. C4 | DN .. 1104 .. C5-C6 | DN .. 1506 .. C4 | DN .. 1506 .. C5 | DN .. 1506 .. C6 | DN .. 1506 .. C8 |
|------------------------|--------------------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP305-DN11 | AP305-DN11 | AP304-DN15 | AP304-DN15 | AP304-DN15 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK240 | PK240 | PK241 | PK241 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1469 | FS1469 | FS1470 | FS1470 | FS1470 |
| | Pin | RS116 | RS116 | RS117 | RS117 | RS117 |
| | Cooling nozzle | FS1477 | FS1476 | FS1477 | FS1475 | FS1476 |
| | Torx key | FS1466 (T9IP) | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

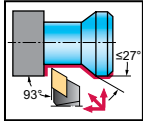
| Type | DN .. 1104 .. | DN .. 1506 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert without hole Carbide clamp set | | PK245-SET |
| Insert without hole Carbide clamp set | | PK254-SET |
| Shim for DN .. 1504 .. | | AP304-DN1504 |
| Shim for DN .. 1507 .. | | AP412-DN1507 |

Turning tools – Rigid clamping

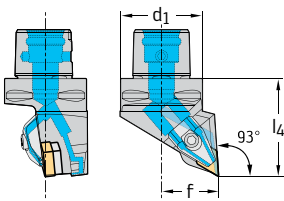
C...-DDJN...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



Designation

d₁f
mml₄
mmD_{min}
mmD_{min2}
mm

γ

λ_s

Type

C4-DDJNR-27055-11-P

11

C4

27

55

500

500

-6°

-7°

DN .. 1104 ..

C4-DDJNR-27055-15-P

15

C4

27

55

500

500

-6°

-7°

DN .. 1506 ..

C5-DDJNR-35060-15-P

15

C5

35

60

500

600

-6°

-7°

C6-DDJNR-45065-15-P

15

C6

45

65

500

600

-6°

-7°

C8-DDJNR-55080-15-P

15

C8

55

80

1.100

700

-6°

-7°

C4-DDJNL-27055-11-P

11

C4

27

55

500

500

-6°

-7°

DN .. 1104 ..

C4-DDJNL-27055-15-P

15

C4

27

55

500

500

-6°

-7°

DN .. 1506 ..

C5-DDJNL-35060-15-P

15

C5

35

60

500

600

-6°

-7°

C6-DDJNL-45065-15-P

15

C6

45

65

500

600

-6°

-7°

C8-DDJNL-55080-15-P

15

C8

55

80

1.100

700

-6°

-7°

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d ₁ | DN .. 1104 .. C4 | DN .. 1506 .. C4-C8 |
|--|--------------------------------------|--------------------------|--------------------------|
| | Shim | AP305-DN11 | AP304-DN15 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK255 | PK256 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 | FS2188 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

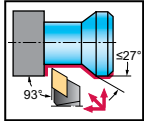
| | Type | DN .. 1104 .. | DN .. 1506 .. |
|--|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK255-SET | PK256-SET |
| | Shim for DN .. 1504 .. | | AP304-DN1504 |

Turning tools – Lever clamping

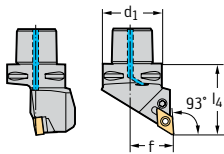
C...-PDJN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type | |
|-------------------|--|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|------|---------------|
| C3-PDJNR-22045-11 | | 11 | C3 | 22 | 45 | 80 | 116 | -6° | -7° | DN .. 1104 .. |
| C4-PDJNR-27050-11 | | 11 | C4 | 27 | 50 | 80 | 140 | -6° | -7° | |
| C5-PDJNR-35060-11 | | 11 | C5 | 35 | 60 | 80 | 165 | -6° | -7° | |
| C4-PDJNR-27050-15 | | 15 | C4 | 27 | 50 | 80 | 140 | -6° | -7° | DN .. 1506 .. |
| C5-PDJNR-35060-15 | | 15 | C5 | 35 | 60 | 80 | 165 | -6° | -7° | |
| C6-PDJNR-45065-15 | | 15 | C6 | 45 | 65 | 80 | 190 | -6° | -7° | |
| C3-PDJNL-22045-11 | | 11 | C3 | 22 | 45 | 80 | 116 | -6° | -7° | DN .. 1104 .. |
| C4-PDJNL-27050-11 | | 11 | C4 | 27 | 50 | 80 | 140 | -6° | -7° | |
| C5-PDJNL-35060-11 | | 11 | C5 | 35 | 60 | 80 | 165 | -6° | -7° | |
| C4-PDJNL-27050-15 | | 15 | C4 | 27 | 50 | 80 | 140 | -6° | -7° | DN .. 1506 .. |
| C5-PDJNL-35060-15 | | 15 | C5 | 35 | 60 | 80 | 165 | -6° | -7° | |
| C6-PDJNL-45065-15 | | 15 | C6 | 45 | 65 | 80 | 190 | -6° | -7° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | DN .. 1104 .. C3-C4 | DN .. 1104 .. C5 | DN .. 1506 .. C4 | DN .. 1506 .. C5-C6 | |
|------------------------|-------------------------------------|------------------------|------------------------|------------------------|----------------------|
| | Shim | AP171-DN1112 | AP171-DN1112 | AP145-DN1516 | AP145-DN1516 |
| | Lever | KN119 | KN119 | KN103 | KN103 |
| | Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm | FS351 (SW 2.5) 2 Nm | FS355 (SW 3) 5 Nm | FS355 (SW 3) 5 Nm |
| | Shim pin | RS101 | RS101 | RS102 | RS102 |
| | Tapered assembly pin | MD101 | MD101 | MD101 | MD101 |
| | Cooling nozzle | FS1477 | FS1476 | FS1477 | FS1476 |
| | Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

Accessories

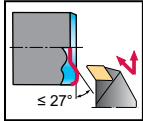
| Type | DN .. 1104 .. | DN .. 1506 .. | |
|------|------------------------|---------------|--------------|
| | Shim | AP171-DN1108 | AP145-DN1508 |
| | Shim for DN .. 1504 .. | | AP357-DN1508 |
| | Shim for DN .. 1504 .. | | AP357-DN1516 |

Turning tools – Rigid clamping

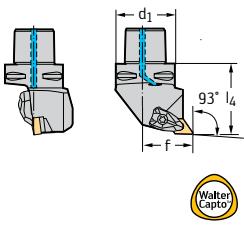
C...-DDUN

Walter Turn

– Walter Capto™



Tool



Designation

 d_1

f mm

 l_4 mm D_{min} mm D_{min2} mm γ λ_s

Type

| | | | | | | | | | |
|-------------------|----|----|----|----|-----|-----|-----|-----|---------------|
| C4-DDUNR-27050-15 | 15 | C4 | 27 | 50 | 110 | 140 | -6° | -7° | DN .. 1506 .. |
| C5-DDUNR-35060-15 | 15 | C5 | 35 | 60 | 110 | 165 | -6° | -7° | |
| C6-DDUNR-45065-15 | 15 | C6 | 45 | 65 | 110 | 190 | -6° | -7° | |
| C8-DDUNR-55080-15 | 15 | C8 | 55 | 80 | 110 | 250 | -6° | -7° | DN .. 1506 .. |
| C4-DDUNL-27050-15 | 15 | C4 | 27 | 50 | 110 | 140 | -6° | -7° | |
| C5-DDUNL-35060-15 | 15 | C5 | 35 | 60 | 110 | 165 | -6° | -7° | |
| C6-DDUNL-45065-15 | 15 | C6 | 45 | 65 | 110 | 190 | -6° | -7° | |
| C8-DDUNL-55080-15 | 15 | C8 | 55 | 80 | 110 | 250 | -6° | -7° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | DN .. 1506 .. C4 | DN .. 1506 .. C5-C6 | DN .. 1506 .. C8 |
|--|--------------------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP304-DN15 | AP304-DN15 | AP304-DN15 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK241 | PK241 | PK241 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1471 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 |
| | Cooling nozzle | FS1477 | FS1476 | FS1479 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

| | Type | DN .. 1506 .. |
|--|--|---------------|
| | (standard assembly parts) Clamp set | PK241-SET |
| | Insert without hole Carbide clamp set | PK245-SET |
| | Insert without hole Carbide clamp set | PK254-SET |
| | Shim for DN .. 1504 .. | AP304-DN1504 |
| | Shim for DN .. 1507 .. | AP412-DN1507 |

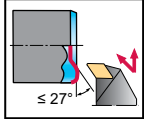
Turning tools – Rigid clamping

C...-DDUN...-P

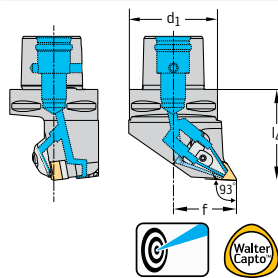
mm

Walter Turn


- Precision cooling
- Walter Capto™



Tool





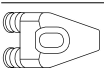
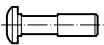


Designation

| Designation |  | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|---------------------|---|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| C6-DDUNR-45065-15-P | 15 | C6 | 45 | 65 | 500 | 600 | -6.5° | -6° | DN .. 1506 .. |
| C6-DDUNL-45065-15-P | 15 | C6 | 45 | 65 | 500 | 600 | -6.5° | -6° | DN .. 1506 .. |



Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150608 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | DN .. 1506 .. C6 |
|---|--------------------------------------|--------------------------|
|  | Shim | AP304-DN15 |
|  | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm |
|  | Clamp | PK256 |
|  | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
|  | Pressure spring | FS2188 |
|  | Torx key | FS1465 (T15IP) |

Accessories

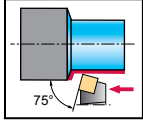
| | Type | DN .. 1506 .. |
|---|--|---------------|
|  | (standard assembly parts) Clamp set | PK256-SET |
|  | Shim for DN .. 1504 .. | AP304-DN1504 |

Turning tools – Rigid clamping

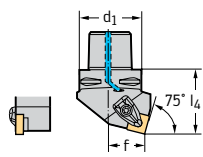
C...-DSRN

Walter Turn

– Walter Capto™



Tool








Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|--|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-DSRNR-22050-12 | | 12 | C4 | 22 | 50 | 140 | -6° | -6° | SN .. 1204 .. |
| C5-DSRNR-27060-12 | | 12 | C5 | 27 | 60 | 165 | -6° | -6° | |
| C6-DSRNR-35065-12 | | 12 | C6 | 35 | 65 | 190 | -6° | -6° | |
| C5-DSRNR-27060-15 | | 15 | C5 | 27 | 60 | 165 | -6° | -6° | SN .. 1506 .. |
| C6-DSRNR-35065-15 | | 15 | C6 | 35 | 65 | 190 | -6° | -6° | |
| C6-DSRNR-35065-19 | | 19 | C6 | 35 | 65 | 190 | -6° | -6° | SN .. 1906 .. |
| C8-DSRNR-45080-19 | | 19 | C8 | 45 | 80 | 250 | -6° | -6° | |
| C8-DSRNR-45080-25 | | 25 | C8 | 45 | 80 | 250 | -6° | -6° | SN .. 2507 .. |
| C4-DSRNL-22050-12 | | 12 | C4 | 22 | 50 | 140 | -6° | -6° | SN .. 1204 .. |
| C5-DSRNL-27060-12 | | 12 | C5 | 27 | 60 | 165 | -6° | -6° | |
| C6-DSRNL-35065-12 | | 12 | C6 | 35 | 65 | 190 | -6° | -6° | |
| C5-DSRNL-27060-15 | | 15 | C5 | 27 | 60 | 165 | -6° | -6° | SN .. 1506 .. |
| C6-DSRNL-35065-15 | | 15 | C6 | 35 | 65 | 190 | -6° | -6° | |
| C6-DSRNL-35065-19 | | 19 | C6 | 35 | 65 | 190 | -6° | -6° | SN .. 1906 .. |
| C8-DSRNL-45080-19 | | 19 | C8 | 45 | 80 | 250 | -6° | -6° | |
| C8-DSRNL-45080-25 | | 25 | C8 | 45 | 80 | 250 | -6° | -6° | SN .. 2507 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 190612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | SN .. 1204 .. C4–C6 | SN .. 1506 .. C5–C6 | SN .. 1906 .. C6–C8 | SN .. 2507 .. C8 | |
|------------------------|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP308-SN12 | AP309-SN15 | AP310-SN19 | AP351-SN25 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm | FS1589 (T25IP) 9.5 Nm |
| | Clamp | PK241 | PK242 | PK243 | PK301 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm | FS1591 (T25IP) 9.5 Nm |
| | Pressure spring | FS1470 | FS1471 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 | RS117 |
| | Cooling nozzle | FS1475 | FS1475 | FS1475 | FS1475 |
| | Torx key | FS1465 (T15IP) | | | |
| | Allen key | | FS1464 (T20IP) | FS1464 (T20IP) | FS1592 (T25IP) |

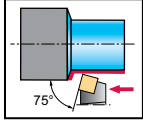
| Accessories | | | | | |
|---|--|---------------|---------------|---------------|---------------|
| | Type | SN .. 1204 .. | SN .. 1506 .. | SN .. 1906 .. | SN .. 2507 .. |
|  | (standard assembly parts) Clamp set | PK241-SET | PK242-SET | PK243-SET | PK301-SET |
|  | Insert with hole Carbide clamp set | PK245-SET | PK246-SET | | |
|  | Insert with hole Carbide clamp set | PK254-SET | | | |
|  | Shim for SN .. 1207 .. | AP413-SN1207 | | | |
|  | Shim for SN .. 2509 .. | | | | AP351-SN2509 |

Turning tools – Lever clamping

C...-PSRN

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|------|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| | C6-PSRNR-35065-19 | 19 | C6 | 35 | 65 | | | -6° | -6° | SN .. 1906 .. |
| | C8-PSRNR-45080-19 | 19 | C8 | 45 | 80 | | | -6° | -6° | SN .. 2507 .. |
| | C8-PSRNR-45080-25 | 25 | C8 | 45 | 80 | | | -6° | -6° | |
| | C6-PSRNL-35065-19 | 19 | C6 | 35 | 65 | | | -6° | -6° | SN .. 1906 .. |
| | C8-PSRNL-45080-19 | 19 | C8 | 45 | 80 | | | -6° | -6° | SN .. 2507 .. |
| | C8-PSRNL-45080-25 | 25 | C8 | 45 | 80 | | | -6° | -6° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 190612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | SN .. 1906 .. C6 | SN .. 1906 .. C8 | SN .. 2507 .. C8 |
|----------------|-------------------------------------|-----------------------|-----------------------|-----------------------|
| | Shim | AP143-SN1924 | AP143-SN1924 | AP144-SN2524 |
| | Lever | KN106 | KN106 | KN107 |
| | Clamping screw Tightening torque | FS356 (SW 4) 10 Nm | FS356 (SW 4) 10 Nm | FS357 (SW 5) 14 Nm |
| | Shim pin | RS104 | RS104 | RS105 |
| | Tapered assembly pin | MD102 | MD102 | MD103 |
| | Allen key | ISO2936-4 (SW 4) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |
| | Cooling nozzle | FS1476 | FS1479 | FS1479 |

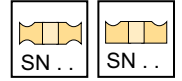
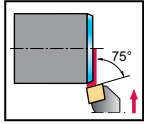
| Accessories | | SN .. 1906 .. | SN .. 2507 .. |
|-------------|------|---------------|----------------|
| | Shim | AP143-SN1912 | AP191-SN250924 |

Turning tools – Rigid clamping

C...-DSKN

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|--|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| Walter Capto™ in acc. with ISO 26623 | C4-DSKNR-27050-12 | 12 | C4 | 27 | 50 | 110 | | -6° | -6° | SN .. 1204 .. |
| | C5-DSKNR-35060-12 | 12 | C5 | 35 | 60 | 110 | | -6° | -6° | |
| | C6-DSKNR-45065-12 | 12 | C6 | 45 | 65 | 110 | | -6° | -6° | |
| | C6-DSKNR-45065-19 | 19 | C6 | 45 | 65 | 125 | | -6° | -6° | SN .. 1906 .. |
| | C8-DSKNR-55080-19 | 19 | C8 | 55 | 80 | 125 | | -6° | -6° | |
| | C4-DSKNL-27050-12 | 12 | C4 | 27 | 50 | 110 | | -6° | -6° | SN .. 1204 .. |
| | C5-DSKNL-35060-12 | 12 | C5 | 35 | 60 | 110 | | -6° | -6° | |
| | C6-DSKNL-45065-12 | 12 | C6 | 45 | 65 | 110 | | -6° | -6° | |
| C6-DSKNL-45065-19 | 19 | C6 | 45 | 65 | 125 | | -6° | -6° | SN .. 1906 .. | |
| C8-DSKNL-55080-19 | 19 | C8 | 55 | 80 | 125 | | -6° | -6° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type d ₁ | SN .. 1204 .. C4 | SN .. 1204 .. C5–C6 | SN .. 1906 .. C6 | SN .. 1906 .. C8 |
|----------------|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP308-SN12 | AP308-SN12 | AP310-SN19 | AP310-SN19 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK241 | PK243 | PK243 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1470 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 | RS117 |
| | Cooling nozzle | FS1477 | FS1476 | FS1476 | FS1479 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | | |
| | Allen key | | | FS1464 (T20IP) | FS1464 (T20IP) |

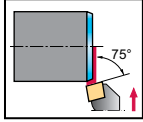
| Accessories | Type | SN .. 1204 .. | SN .. 1906 .. |
|-------------|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK243-SET |
| | Insert without hole Carbide clamp set | PK245-SET | |
| | Insert without hole Carbide clamp set | PK254-SET | |
| | Shim for SN .. 1207 .. | AP413-SN1207 | |

Turning tools – Lever clamping

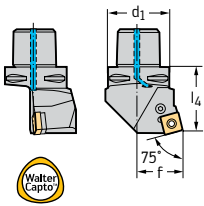
C...-PSKN

Walter Turn

– Walter Capto™



Tool



| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type | |
|-------------------|--|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|------|---------------|
| C6-PSKNR-45065-15 | | 15 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | SN .. 1506 .. |
| C6-PSKNR-45065-19 | | 19 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | SN .. 1906 .. |
| C8-PSKNR-55080-19 | | 19 | C8 | 55 | 80 | 100 | 250 | -6° | -6° | |
| C6-PSKNL-45065-15 | | 15 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | SN .. 1506 .. |
| C6-PSKNL-45065-19 | | 19 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | SN .. 1906 .. |
| C8-PSKNL-55080-19 | | 19 | C8 | 55 | 80 | 100 | 250 | -6° | -6° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 150612 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | d ₁ | SN .. 1506 .. C6 | SN .. 1906 .. C6 | SN .. 1906 .. C8 |
|------|-------------------------------------|----------------------|-----------------------|-----------------------|
| | Shim | AP142-SN1524 | AP143-SN1924 | AP143-SN1924 |
| | Lever | KN104 | KN106 | KN106 |
| | Clamping screw Tightening torque | FS354 (SW 3) 5 Nm | FS356 (SW 4) 10 Nm | FS356 (SW 4) 10 Nm |
| | Shim pin | RS103 | RS104 | RS104 |
| | Tapered assembly pin | MD102 | MD102 | MD102 |
| | Cooling nozzle | FS1476 | FS1476 | FS1479 |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-4 (SW 4) |

Accessories

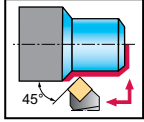
| Type | SN .. 1506 .. | SN .. 1906 .. | |
|------|---------------|---------------|--------------|
| | Shim | AP142-SN1516 | AP143-SN1912 |

Turning tools – Rigid clamping

C...-DSSN

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | f ₁ mm | l ₄ mm | l ₂₀ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type | |
|--|-------------------|--|----------------|---------|----------------------|----------------------|-----------------------|------------------------|-------------------------|-----|----------------|------|---------------|
| | | | | | | | | | | | | | |
| Walter Capto™ in acc. with ISO 26623 | C4-DSSNR-27042-12 | | 12 | C4 | 27 | 19 | 42 | 50 | 110 | 140 | -8° | 0° | SN .. 1204 .. |
| | C5-DSSNR-35052-12 | | 12 | C5 | 35 | 27 | 52 | 60 | 110 | 165 | -8° | 0° | |
| | C6-DSSNR-45056-12 | | 12 | C6 | 45 | 37 | 56 | 64 | 110 | 190 | -8° | 0° | |
| | C4-DSSNR-27045-15 | | 15 | C4 | 27 | 17 | 45 | 55 | 125 | 145 | -8° | 0° | SN .. 1506 .. |
| | C5-DSSNR-35050-15 | | 15 | C5 | 35 | 25 | 50 | 60 | 125 | 165 | -8° | 0° | |
| | C6-DSSNR-45054-15 | | 15 | C6 | 45 | 35 | 54 | 60 | 125 | 190 | -8° | 0° | |
| | C6-DSSNR-45052-19 | | 19 | C6 | 45 | 33 | 52 | 64 | 125 | 190 | -8° | 0° | SN .. 1906 .. |
| | C4-DSSNL-27042-12 | | 12 | C4 | 27 | 19 | 42 | 50 | 110 | 140 | -8° | 0° | SN .. 1204 .. |
| | C5-DSSNL-35052-12 | | 12 | C5 | 35 | 27 | 52 | 60 | 110 | 165 | -8° | 0° | |
| | C6-DSSNL-45056-12 | | 12 | C6 | 45 | 37 | 56 | 64 | 110 | 190 | -8° | 0° | |
| | C4-DSSNL-27045-15 | | 15 | C4 | 27 | 17 | 45 | 55 | 125 | 145 | -8° | 0° | SN .. 1506 .. |
| | C5-DSSNL-35050-15 | | 15 | C5 | 35 | 25 | 50 | 60 | 125 | 165 | -8° | 0° | |
| | C6-DSSNL-45054-15 | | 15 | C6 | 45 | 35 | 54 | 60 | 125 | 190 | -8° | 0° | |
| | C6-DSSNL-45052-19 | | 19 | C6 | 45 | 33 | 52 | 64 | 125 | 190 | -8° | 0° | SN .. 1906 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 / SN .. 190612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type | SN .. 1204 .. | | SN .. 1506 .. | | SN .. 1906 .. | | | |
|----------------|--------------------------------------|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | | d ₁ | C4 | C5 | C6 | C4 | C5 | C6 | |
| | Shim | | AP308-SN12 | AP308-SN12 | AP308-SN12 | AP309-SN15 | AP309-SN15 | AP309-SN15 | AP310-SN19 |
| | Screw for shim Tightening torque | | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | | PK241 | PK241 | PK241 | PK242 | PK242 | PK242 | PK243 |
| | Screw for clamp Tightening torque | | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | | FS1470 | FS1470 | FS1470 | FS1471 | FS1471 | FS1471 | FS1471 |
| | Pin | | RS117 | RS117 | RS117 | RS117 | RS117 | RS117 | RS117 |
| | Cooling nozzle | | FS1477 | FS1476 | FS1475 | FS1477 | FS1476 | FS1475 | FS1476 |
| | Torx key | | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) | | | | |
| | Allen key | | | | | FS1464 (T20IP) | FS1464 (T20IP) | FS1464 (T20IP) | FS1464 (T20IP) |

| Accessories | Type | SN .. 1204 .. | | SN .. 1506 .. | | SN .. 1906 .. | |
|-------------|--|---------------|--------------|---------------|-----------|---------------|-----------|
| | | | | | | | |
| | (standard assembly parts) Clamp set | | PK241-SET | | PK242-SET | | PK243-SET |
| | Insert with hole Carbide clamp set | | PK245-SET | | PK246-SET | | |
| | Insert with hole Carbide clamp set | | PK254-SET | | | | |
| | Shim for SN .. 1207 .. | | AP413-SN1207 | | | | |

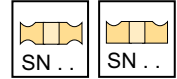
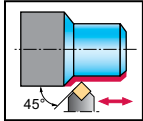
Turning tools – Rigid clamping

C...-DSDN

Walter Turn



– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|------|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| | C4-DSDNN-00050-12 | 12 | C4 | 0 | 50 | | 140 | -6° | -6° | SN .. 1204 .. |
| | C5-DSDNN-00060-12 | 12 | C5 | 0 | 60 | | 165 | -6° | -6° | |
| | C6-DSDNN-00065-12 | 12 | C6 | 0 | 65 | | 190 | -6° | -6° | |
| | C6-DSDNN-00070-19 | 19 | C6 | 1 | 70 | | 195 | -6° | -6° | SN .. 1906 .. |
| | C8-DSDNN-00080-25 | 25 | C8 | 1 | 80 | | 250 | -6° | -6° | SN .. 2507 .. |

Walter Capto™ in acc. with ISO 26623

Measured with master insert: SN .. 120408 / SN .. 190612 / SN .. 250724 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type d ₁ | SN .. 1204 .. C4 | SN .. 1204 .. C5–C6 | SN .. 1906 .. C6 | SN .. 2507 .. C8 |
|----------------|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP308-SN12 | AP308-SN12 | AP310-SN19 | AP351-SN25 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm | FS1589 (T25IP) 9.5 Nm |
| | Clamp | PK241 | PK241 | PK243 | PK301 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm | FS1591 (T25IP) 9.5 Nm |
| | Pressure spring | FS1470 | FS1470 | FS1471 | FS1471 |
| | Pin | RS117 | RS117 | RS117 | RS117 |
| | Cooling nozzle | FS1477 | FS1475 | FS1475 | FS1475 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | | |
| | Allen key | | | FS1464 (T20IP) | FS1592 (T25IP) |

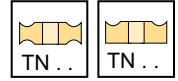
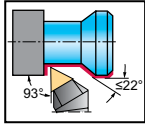
| Accessories | Type | SN .. 1204 .. | SN .. 1906 .. | SN .. 2507 .. |
|-------------|--|---------------|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK243-SET | PK301-SET |
| | Insert without hole Carbide clamp set | PK245-SET | | |
| | Insert without hole Carbide clamp set | PK254-SET | | |
| | Shim for SN .. 1207 .. | AP413-SN1207 | | |
| | Shim for SN .. 2509 .. | | | AP351-SN2509 |

Turning tools – Wedge clamping

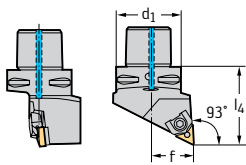
C...-MTJN

Walter Turn












– Walter Capto™



Tool




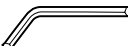





Walter Capto™ in acc. with ISO 26623

| Designation |  | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|---|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-MTJNR-27050-16 |  | 16 | C4 | 27 | 50 | | -6° | -6° | TN .. 1604 .. |
| C5-MTJNR-35060-16 |  | 16 | C5 | 35 | 60 | | -6° | -6° | |
| C4-MTJNR-27050-22 |  | 22 | C4 | 27 | 50 | | -6° | -6° | TN .. 2204 .. |
| C5-MTJNR-35060-22 |  | 22 | C5 | 35 | 60 | | -6° | -6° | |
| C6-MTJNR-45065-22 |  | 22 | C6 | 45 | 65 | | -6° | -6° | |
| C4-MTJNL-27050-16 |  | 16 | C4 | 27 | 50 | | -6° | -6° | TN .. 1604 .. |
| C5-MTJNL-35060-16 |  | 16 | C5 | 35 | 60 | | -6° | -6° | |
| C4-MTJNL-27050-22 |  | 22 | C4 | 27 | 50 | | -6° | -6° | TN .. 2204 .. |
| C5-MTJNL-35060-22 |  | 22 | C5 | 35 | 60 | | -6° | -6° | |
| C6-MTJNL-45065-22 |  | 22 | C6 | 45 | 65 | | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | TN .. 1604 .. C4 | TN .. 1604 .. C5 | TN .. 2204 .. C4 | TN .. 2204 .. C5-C6 |
|---|-------------------------------------|----------------------|----------------------|------------------------|
|  | Shim | AP147 | AP147 | AP148 |
|  | Pin | RS106 | RS106 | RS107 |
|  | Clamping wedge set | FK303 | FK303 | FK304 |
|  | Allen key | | | ISO2936-3 (SW 3) |
|  | Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-2.5 (SW 2.5) | |
|  | Cooling nozzle | | FS1476 | FS1477 |
|  | Clamping screw Tightening torque | FS358 (SW 3) 5 Nm | FS358 (SW 3) 5 Nm | FS358 (SW 3) 5 Nm |
|  | Cooling nozzle | FS1018 | | |

Accessories

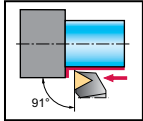
| Type | TN .. 1604 .. | TN .. 2204 .. |
|---|---------------|---------------|
|  | Shim | AP149 |

Turning tools – Rigid clamping

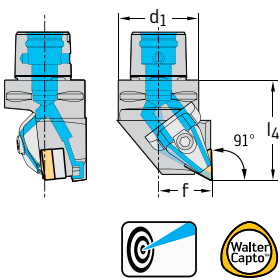
C...-DTGN...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



| Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|---------------------|----|-------|-----------|-------------|-----------------|------------------|----------|-------------|---------------|
| C4-DTGNR-27050-16-P | 16 | C4 | 27 | 50 | 600 | 1.400 | -6° | -6° | TN .. 1604 .. |
| C4-DTGNL-27050-16-P | 16 | C4 | 27 | 50 | 600 | 1.400 | -6° | -6° | TN .. 1604 .. |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | d_1 | TN .. 1604 .. |
|------|--------------------------------------|--------------------------|
| | Shim | AP321-TN16 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm |
| | Clamp | PK255 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | Torx key | FS1465 (T15IP) |

Accessories

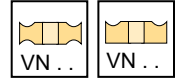
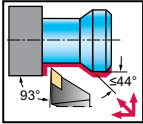
| Type | TN .. 1604 .. |
|--|---------------|
| (standard assembly parts) Clamp set | PK255-SET |

Turning tools – Rigid clamping

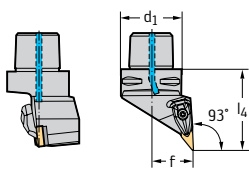
C...-DVJN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-DVJNR-27062-16 | 16 | C4 | 27 | 62 | 60 | 152 | -4° | -13° | VN .. 1604 .. |
| C5-DVJNR-35065-16 | 16 | C5 | 35 | 65 | 65 | 170 | -4° | -13° | |
| C6-DVJNR-45065-16 | 16 | C6 | 45 | 65 | 81 | 190 | -4° | -13° | |
| C8-DVJNR-55080-16 | 16 | C8 | 55 | 80 | 100 | 250 | -4° | -13° | |
| C4-DVJNL-27062-16 | 16 | C4 | 27 | 62 | 60 | 152 | -4° | -13° | VN .. 1604 .. |
| C5-DVJNL-35065-16 | 16 | C5 | 35 | 65 | 65 | 170 | -4° | -13° | |
| C6-DVJNL-45065-16 | 16 | C6 | 45 | 65 | 81 | 190 | -4° | -13° | |
| C8-DVJNL-55080-16 | 16 | C8 | 55 | 80 | 100 | 250 | -4° | -13° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | VN .. 1604 .. C4 | VN .. 1604 .. C5–C6 | VN .. 1604 .. C8 |
|--------------------------------------|--------------------------|--------------------------|--------------------------|
| Shim | AP312-VN16 | AP312-VN16 | AP312-VN16 |
| Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm | FS1467 (T15IP) 3 Nm | FS1467 (T15IP) 3 Nm |
| Clamp | PK244 | PK244 | PK244 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | FS1470 | FS1470 | FS1470 |
| Pin | RS117 | RS117 | RS117 |
| Cooling nozzle | FS1477 | FS1476 | FS1479 |
| Torx key | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

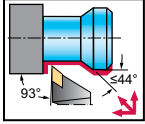
| Type | VN .. 1604 .. |
|--|---------------|
| (standard assembly parts) Clamp set | PK244-SET |

Turning tools - Rigid clamping

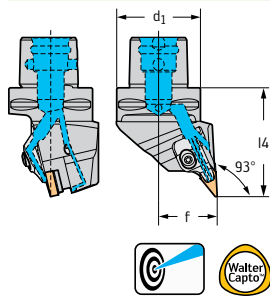
C...-DVJN...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



Designation

| Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|---------------------|----|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| C4-DVJNR-27062-16-P | 16 | C4 | 27 | 62 | 500 | 125 | -4° | -13° | VN .. 1604 .. |
| C5-DVJNR-35065-16-P | 16 | C5 | 35 | 65 | 600 | 150 | -4° | -13° | |
| C6-DVJNR-45065-16-P | 16 | C6 | 45 | 65 | 700 | 150 | -4° | -13° | |
| C4-DVJNL-27062-16-P | 16 | C4 | 27 | 62 | 500 | 125 | -4° | -13° | VN .. 1604 .. |
| C5-DVJNL-35065-16-P | 16 | C5 | 35 | 65 | 600 | 150 | -4° | -13° | |
| C6-DVJNL-45065-16-P | 16 | C6 | 45 | 65 | 700 | 150 | -4° | -13° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | VN .. 1604 .. C4-C6 |
|--|--------------------------------------|--------------------------|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Right clamp | PK261R |
| | Left clamp | PK261L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | Torx key | FS1465 (T15IP) |

Accessories

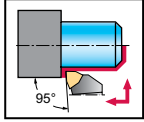
| | Type | VN .. 1604 .. |
|--|-----------------|---------------|
| | Right clamp set | PK261R-SET |
| | Left clamp set | PK261L-SET |

Turning tools – Rigid clamping

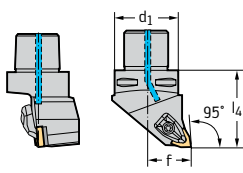
C...-DWLN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-DWLN-27050-06 | 6 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | WN .. 0604 .. |
| C4-DWLN-27050-08 | 8 | C4 | 27 | 50 | 110 | 140 | -6° | -6° | WN .. 0804 .. |
| C5-DWLN-35060-08 | 8 | C5 | 35 | 60 | 110 | 165 | -6° | -6° | WN .. 1006 .. |
| C6-DWLN-45065-08 | 8 | C6 | 45 | 65 | 110 | 190 | -6° | -6° | |
| C5-DWLN-35060-10 | 10 | C5 | 35 | 60 | 115 | 170 | -6° | -6° | WN .. 1006 .. |
| C6-DWLN-45065-10 | 10 | C6 | 45 | 65 | 115 | 195 | -6° | -6° | |
| C4-DWLN-27050-06 | 6 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | WN .. 0604 .. |
| C4-DWLN-27050-08 | 8 | C4 | 27 | 50 | 110 | 140 | -6° | -6° | WN .. 0804 .. |
| C5-DWLN-35060-08 | 8 | C5 | 35 | 60 | 110 | 165 | -6° | -6° | WN .. 1006 .. |
| C6-DWLN-45065-08 | 8 | C6 | 45 | 65 | 110 | 190 | -6° | -6° | |
| C5-DWLN-35060-10 | 10 | C5 | 35 | 60 | 115 | 170 | -6° | -6° | WN .. 1006 .. |
| C6-DWLN-45065-10 | 10 | C6 | 45 | 65 | 115 | 195 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | WN .. 0604 .. C4 | WN .. 0804 .. C4 | WN .. 0804 .. C5-C6 | WN .. 1006 .. C5-C6 |
|--------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| Shim | AP306-WN06 | AP307-WN08 | AP307-WN08 | AP311-WN10 |
| Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| Clamp | PK240 | PK241 | PK241 | PK242 |
| Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| Pressure spring | FS1469 | FS1470 | FS1470 | FS1471 |
| Pin | RS116 | RS117 | RS117 | RS117 |
| Cooling nozzle | FS1477 | FS1477 | FS1475 | FS1475 |
| Torx key | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | |
| Allen key | | | | FS1464 (T20IP) |

Accessories

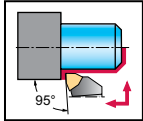
| Type | WN .. 0604 .. | WN .. 0804 .. | WN .. 1006 .. |
|--|---------------|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| Insert with hole Carbide clamp set | | PK254-SET | |

Turning tools – Rigid clamping

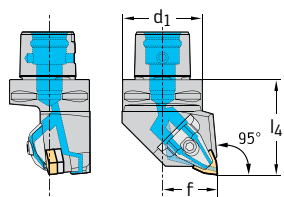
C...-DWLN...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|--------------------|---|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-DWLN-27050-08-P | 8 | C4 | 27 | 50 | 500 | 500 | -6° | -6° | WN .. 0804 .. |
| C5-DWLN-35060-08-P | 8 | C5 | 35 | 60 | 600 | 600 | -6° | -6° | |
| C6-DWLN-45065-08-P | 8 | C6 | 45 | 65 | 600 | 600 | -6° | -6° | |
| C4-DWLN-27050-08-P | 8 | C4 | 27 | 50 | 500 | 500 | -6° | -6° | WN .. 0804 .. |
| C5-DWLN-35060-08-P | 8 | C5 | 35 | 60 | 600 | 600 | -6° | -6° | |
| C6-DWLN-45065-08-P | 8 | C6 | 45 | 65 | 600 | 600 | -6° | -6° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert:WN .. 080408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d ₁ | WN .. 0804 .. C4–C6 |
|--|--------------------------------------|--------------------------|
| | Shim | AP307-WN08 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK255 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS2188 |
| | Torx key | FS1465 (T15IP) |

Accessories

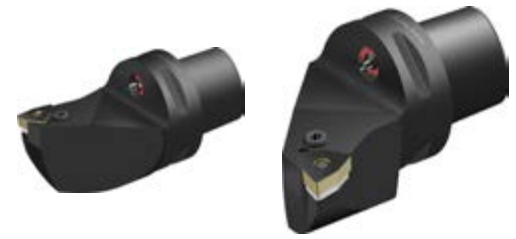
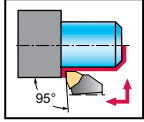
| | Type | WN .. 0804 .. |
|--|--|---------------|
| | (standard assembly parts) Clamp set | PK255-SET |

Turning tools – Lever clamping

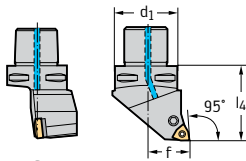
C...-PWLN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C3-PWLNR-22040-06 | 6 | C3 | 22 | 40 | 60 | 116 | -6° | -6° | WN .. 0604 .. |
| C4-PWLNR-27050-06 | 6 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | WN .. 0804 .. |
| C4-PWLNR-27050-08 | 8 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | |
| C5-PWLNR-35060-08 | 8 | C5 | 35 | 60 | 65 | 165 | -6° | -6° | WN .. 1006 .. |
| C6-PWLNR-45065-08 | 8 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |
| C5-PWLNR-35060-10 | 10 | C5 | 35 | 60 | 80 | 165 | -6° | -6° | WN .. 0604 .. |
| C6-PWLNR-45065-10 | 10 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |
| C3-PWLNL-22040-06 | 6 | C3 | 22 | 40 | 60 | 116 | -6° | -6° | WN .. 0804 .. |
| C4-PWLNL-27050-06 | 6 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | |
| C4-PWLNL-27050-08 | 8 | C4 | 27 | 50 | 60 | 140 | -6° | -6° | WN .. 1006 .. |
| C5-PWLNL-35060-08 | 8 | C5 | 35 | 60 | 65 | 165 | -6° | -6° | |
| C6-PWLNL-45065-08 | 8 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | WN .. 0604 .. |
| C5-PWLNL-35060-10 | 10 | C5 | 35 | 60 | 80 | 165 | -6° | -6° | |
| C6-PWLNL-45065-10 | 10 | C6 | 45 | 65 | 81 | 190 | -6° | -6° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | WN .. 0604 .. C3–C4 | WN .. 0804 .. C4 | WN .. 0804 .. C5–C6 | WN .. 1006 .. C5–C6 |
|-------------------------------------|------------------------|----------------------|------------------------|------------------------|
| Shim | AP172-WN0612 | AP170-WN0816 | AP170-WN0816 | AP174-WN1016 |
| Lever | KN101 | KN102 | KN102 | KN104 |
| Clamping screw Tightening torque | FS351 (SW 2.5) 2 Nm | FS352 (SW 3) 5 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm |
| Shim pin | RS101 | RS102 | RS102 | RS103 |
| Tapered assembly pin | MD101 | MD101 | MD101 | MD102 |
| Cooling nozzle | FS1477 | FS1477 | FS1476 | FS1476 |
| Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

Accessories

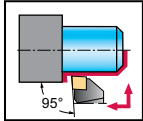
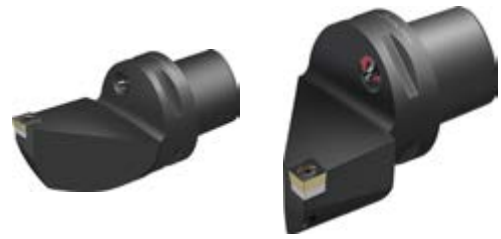
| Type | WN .. 0604 ..–WN .. 1006 .. | WN .. 0804 .. |
|------|-----------------------------|---------------|
| Shim | | AP170-WN0808 |

Turning tools – Screw clamping

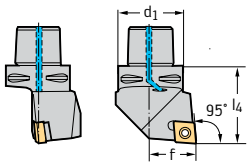
C...-SCLC

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|----|----------------|---------------|
| C3-SCLCR-22040-09 | 9 | C3 | 22 | 40 | 130 | 116 | 0° | 0° | CC .. 09T3 .. |
| C4-SCLCR-27050-09 | 9 | C4 | 27 | 50 | 130 | 140 | 0° | 0° | |
| C5-SCLCR-35060-09 | 9 | C5 | 35 | 60 | 130 | 165 | 0° | 0° | |
| C6-SCLCR-45065-09 | 9 | C6 | 45 | 65 | 130 | 190 | 0° | 0° | CC .. 1204 .. |
| C4-SCLCR-27050-12 | 12 | C4 | 27 | 50 | 125 | 140 | 0° | 0° | |
| C5-SCLCR-35060-12 | 12 | C5 | 35 | 60 | 125 | 165 | 0° | 0° | |
| C6-SCLCR-45065-12 | 12 | C6 | 45 | 65 | 125 | 190 | 0° | 0° | CC .. 09T3 .. |
| C3-SCLCL-22040-09 | 9 | C3 | 22 | 40 | 130 | 116 | 0° | 0° | |
| C4-SCLCL-27050-09 | 9 | C4 | 27 | 50 | 130 | 140 | 0° | 0° | |
| C5-SCLCL-35060-09 | 9 | C5 | 35 | 60 | 130 | 165 | 0° | 0° | CC .. 1204 .. |
| C6-SCLCL-45065-09 | 9 | C6 | 45 | 65 | 130 | 190 | 0° | 0° | |
| C4-SCLCL-27050-12 | 12 | C4 | 27 | 50 | 125 | 140 | 0° | 0° | |
| C5-SCLCL-35060-12 | 12 | C5 | 35 | 60 | 125 | 165 | 0° | 0° | CC .. 1204 .. |
| C6-SCLCL-45065-12 | 12 | C6 | 45 | 65 | 125 | 190 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | CC .. 09T3 .. C3–C4 | CC .. 09T3 .. C5–C6 | CC .. 1204 .. C4 | CC .. 1204 .. C5–C6 |
|--|------------------------|------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm |
| Shim | AP313-CC0908 | AP313-CC0908 | AP314-CC1212 | AP314-CC1212 |
| Screw for shim | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2069 (SW 4) | FS2069 (SW 4) |
| Torx key | FS1465 (T15IP) | FS1465 (T15IP) | FS1496 (T15IP) | FS1496 (T15IP) |
| Cooling nozzle | FS1477 | FS1476 | FS1477 | FS1476 |

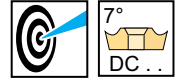
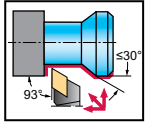
Turning tools - Rigid clamping

C...-DDJC...-P

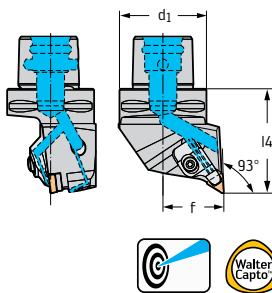
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



Designation

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|---------------------|----|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C4-DDJCR-27050-11-P | 11 | C4 | 27 | 50 | 1.200 | 250 | -3° | -7° | DC .. 11T3 .. |
| C5-DDJCR-35060-11-P | 11 | C5 | 35 | 60 | 1.400 | 300 | -3° | -7° | |
| C4-DDJCL-27050-11-P | 11 | C4 | 27 | 50 | 1.200 | 250 | -3° | -7° | DC .. 11T3 .. |
| C5-DDJCL-35060-11-P | 11 | C5 | 35 | 60 | 1.400 | 300 | -3° | -7° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d ₁ | DC .. 11T3 .. C4-C5 |
|--|--------------------------------------|--------------------------|
| | Shim | AP315-DC1108 |
| | Screw for shim | FS2068 (SW 3.5) |
| | Right clamp | PK261R |
| | Left clamp | PK261L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3,9 Nm |
| | Pressure spring | FS2188 |
| | Torx key | FS1465 (T15IP) |

Accessories

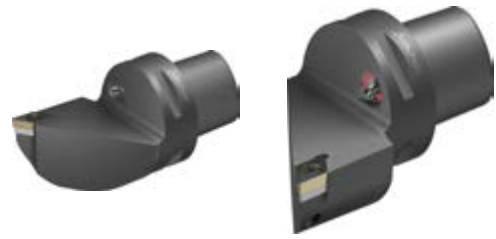
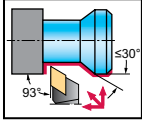
| | Type | DC .. 11T3 .. |
|--|--|---------------|
| | (standard assembly parts) Right clamp set | PK261R-SET |
| | (standard assembly parts) Left clamp set | PK261L-SET |

Turning tools – Screw clamping

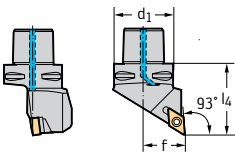
C...-SDJC

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type | |
|-------------------|--|-------|---------|-------------|-----------------|------------------|----------|-------------|------|---------------|
| C3-SDJCR-22040-07 | | 7 | C3 | 22 | 40 | 70 | 116 | 0° | 0° | DC .. 0702 .. |
| C4-SDJCR-27050-07 | | 7 | C4 | 27 | 50 | 70 | 140 | 0° | 0° | |
| C3-SDJCR-22040-11 | | 11 | C3 | 22 | 40 | 140 | 116 | 0° | 0° | DC .. 11T3 .. |
| C4-SDJCR-27050-11 | | 11 | C4 | 27 | 50 | 140 | 140 | 0° | 0° | |
| C5-SDJCR-35060-11 | | 11 | C5 | 35 | 60 | 140 | 190 | 0° | 0° | |
| C6-SDJCR-45065-11 | | 11 | C6 | 45 | 65 | 140 | 165 | 0° | 0° | |
| C3-SDJCL-22040-07 | | 7 | C3 | 22 | 40 | 70 | 116 | 0° | 0° | DC .. 0702 .. |
| C4-SDJCL-27050-07 | | 7 | C4 | 27 | 50 | 70 | 140 | 0° | 0° | |
| C3-SDJCL-22040-11 | | 11 | C3 | 22 | 40 | 140 | 116 | 0° | 0° | DC .. 11T3 .. |
| C4-SDJCL-27050-11 | | 11 | C4 | 27 | 50 | 140 | 140 | 0° | 0° | |
| C5-SDJCL-35060-11 | | 11 | C5 | 35 | 60 | 140 | 165 | 0° | 0° | |
| C6-SDJCL-45065-11 | | 11 | C6 | 45 | 65 | 140 | 190 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | d_1 | DC .. 0702 .. C3–C4 | DC .. 11T3 .. C3–C4 | DC .. 11T3 .. C5–C6 |
|------|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP315-DC1108 | AP315-DC1108 |
| | Screw for shim | | FS2068 (SW 3,5) | FS2068 (SW 3,5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |
| | Cooling nozzle | FS1477 | FS1477 | FS1476 |

Accessories

| Type | DC .. 0702 .. | DC .. 11T3 .. |
|------|---------------|---------------|
| | Shim | AP329-DC1112 |

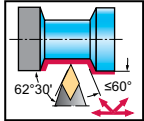
Turning tools – Screw clamping

C...-SDNC

Walter Turn



– Walter Capto™



| Tool | | Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|------|--|-------------------|----|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| | | C3-SDNCN-00040-11 | 11 | C3 | 1 | 40 | | 116 | 0° | 0° | DC .. 11T3 .. |
| | | C4-SDNCN-00050-11 | 11 | C4 | 1 | 50 | | 140 | 0° | 0° | |
| | | C5-SDNCN-00060-11 | 11 | C5 | 1 | 60 | | 165 | 0° | 0° | |

Walter Capto™ in acc. with ISO 26623

Measured with master insert: DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type d_1 | DC .. 11T3 .. C3–C4 | DC .. 11T3 .. C5 |
|----------------|--|---------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP315-DC1108 | AP315-DC1108 |
| | Screw for shim | | FS2068 (SW 3,5) | FS2068 (SW 3,5) |
| | Torx key | | FS1465 (T15IP) | FS1465 (T15IP) |
| | Cooling nozzle | | FS1477 | FS1476 |

| Accessories | | Type | DC .. 11T3 .. |
|-------------|-----------------|------|---------------|
| | Shim for radius | | AP329-DC1112 |

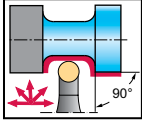
Turning tools – Screw clamping

C...-SRDC

Walter Turn



– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|--|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|----|----------------|------------------|
| | | | | | | | | | | |
| Walter Capto™ in acc. with ISO 26623 | C4-SRDCN-00050-06 | 6 | C4 | 3 | 50 | | | 0° | 0° | RC .. T0602M0 .. |
| | C5-SRDCN-00060-06 | 6 | C5 | 3 | 60 | | | 0° | 0° | |
| | C3-SRDCN-00040-08 | 8 | C3 | 4 | 40 | | | 0° | 0° | RC .. T0803M0 .. |
| | C4-SRDCN-00050-08 | 8 | C4 | 4 | 50 | | | 0° | 0° | |
| | C5-SRDCN-00060-08 | 8 | C5 | 4 | 60 | | | 0° | 0° | |
| | C4-SRDCN-00050-10 | 10 | C4 | 5 | 50 | | | 0° | 0° | RC .. T10T3M0 .. |
| | C5-SRDCN-00060-10 | 10 | C5 | 5 | 60 | | | 0° | 0° | |
| | C6-SRDCN-00065-10 | 10 | C6 | 5 | 65 | | | 0° | 0° | |
| | C4-SRDCN-00050-12 | 12 | C4 | 6 | 50 | | | 0° | 0° | RC .. T1204M0 .. |
| | C5-SRDCN-00060-12 | 12 | C5 | 6 | 60 | | | 0° | 0° | |
| | C6-SRDCN-00065-12 | 12 | C6 | 6 | 65 | | | 0° | 0° | |
| | C5-SRDCN-00060-16 | 16 | C5 | 8 | 60 | | | 0° | 0° | RC .. T1606M0 .. |
| C6-SRDCN-00065-16 | 16 | C6 | 8 | 65 | | | 0° | 0° | | |

Measured with master insert: RC .. 0803M0 / RC .. 0602M0 / RC .. 10T3M0 / RC .. 1204M0 / RC .. 1606M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

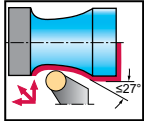
| Assembly parts | Type d ₁ | RC .. T0602M0 .. | RC .. T0602M0 .. | RC .. T0803M0 .. | RC .. T0803M0 .. | RC .. T10T3M0 .. | RC .. T10T3M0 .. | RC .. T1204M0 .. | RC .. T1204M0 .. | RC .. T1606M0 .. |
|----------------|--|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------------------|
| | | C4 | C5 | C3-C4 | C5 | C4 | C5-C6 | C4 | C5-C6 | C5-C6 |
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS2061 (T7IP) 0,9 Nm | FS1462 (T9IP) 1,5 Nm | FS1462 (T9IP) 1,5 Nm | FS2063 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2090 (T20IP) 6,4 Nm |
| | Shim | | | | | AP324- RC10T3 | AP324- RC10T3 | AP325- RC1204 | AP325- RC1204 | AP326- RC1606 |
| | Screw for shim | | | | | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2091 (SW 5) |
| | Torx key | FS1490 (T7IP) | FS1490 (T7IP) | FS1466 (T9IP) | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | | | | | | | FS1464 (T20IP) |
| | Cooling nozzle | FS1477 | FS1476 | FS1477 | FS1476 | FS1477 | FS1476 | FS1477 | FS1476 | FS1476 |

Turning tools – Screw clamping

C...-SRSC

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|--|--------------------|----|----------------|------|-------------------|---------------------|----------------------|----|------------------|------------------|
| Walter Capto™ in acc. with ISO 26623 | C4-SRSCR-27050-06 | 6 | C4 | 27 | 50 | 160 | 140 | 0° | 0° | RC .. T0602M0 .. |
| | C4-SRSCR-27050-08 | 8 | C4 | 27 | 50 | 110 | 140 | 0° | 0° | RC .. T0803M0 .. |
| | C5-SRSCR-35060-08 | 8 | C5 | 35 | 60 | 110 | 165 | 0° | 0° | RC .. T10T3M0 .. |
| | C4-SRSCR-27050-10 | 10 | C4 | 27 | 50 | 150 | 140 | 0° | 0° | |
| | C5-SRSCR-35060-10 | 10 | C5 | 35 | 60 | 150 | 165 | 0° | 0° | RC .. T1204M0 .. |
| | C6-SRSCR-45065-10 | 10 | C6 | 45 | 65 | 150 | 190 | 0° | 0° | |
| | C4-SRSCR-27050-12 | 12 | C4 | 27 | 50 | 150 | 140 | 0° | 0° | RC .. T1606M0 .. |
| | C5-SRSCR-35060-12 | 12 | C5 | 35 | 60 | 150 | 165 | 0° | 0° | |
| | C6-SRSCR-45065-12 | 12 | C6 | 45 | 65 | 175 | 190 | 0° | 0° | RC .. T1606M0 .. |
| | C6-SRSCR-45065-16 | 16 | C6 | 45 | 65 | 175 | 190 | 0° | 0° | |
| | C4-SRSCCL-27050-06 | 6 | C4 | 27 | 50 | 160 | 140 | 0° | 0° | RC .. T0602M0 .. |
| | C4-SRSCCL-27050-08 | 8 | C4 | 27 | 50 | 110 | 140 | 0° | 0° | RC .. T0803M0 .. |
| C5-SRSCCL-35060-08 | 8 | C5 | 35 | 60 | 110 | 165 | 0° | 0° | RC .. T10T3M0 .. | |
| C4-SRSCCL-27050-10 | 10 | C4 | 27 | 50 | 150 | 140 | 0° | 0° | | |
| C5-SRSCCL-35060-10 | 10 | C5 | 35 | 60 | 150 | 165 | 0° | 0° | RC .. T1204M0 .. | |
| C6-SRSCCL-45065-10 | 10 | C6 | 45 | 65 | 150 | 190 | 0° | 0° | | |
| C4-SRSCCL-27050-12 | 12 | C4 | 27 | 50 | 150 | 140 | 0° | 0° | RC .. T1606M0 .. | |
| C5-SRSCCL-35060-12 | 12 | C5 | 35 | 60 | 150 | 165 | 0° | 0° | | |
| C6-SRSCCL-45065-12 | 12 | C6 | 45 | 65 | 150 | 190 | 0° | 0° | RC .. T1606M0 .. | |
| C6-SRSCCL-45065-16 | 16 | C6 | 45 | 65 | 175 | 190 | 0° | 0° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 0602M0 / RC .. 0803M0 / RC .. 10T3M0 / RC .. 1204M0 / RC .. 1606M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

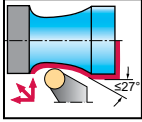
| Assembly parts | Type d ₁ | RC .. T0602M0 .. C4 | RC .. T0803M0 .. C4 | RC .. T0803M0 .. C5 | RC .. T10T3M0 .. C4 | RC .. T10T3M0 .. C5-C6 | RC .. T1204M0 .. C4 | RC .. T1204M0 .. C5-C6 | RC .. T1606M0 .. C6 |
|----------------|--|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS1462 (T9IP) 1,5 Nm | FS1462 (T9IP) 1,5 Nm | FS2063 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm | FS2090 (T20IP) 6,4 Nm |
| | Shim | | | | AP324-RC10T3 | AP324-RC10T3 | AP325-RC1204 | AP325-RC1204 | AP326-RC1606 |
| | Screw for shim | | | | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2068 (SW 3,5) | FS2091 (SW 5) |
| | Torx key | FS1490 (T7IP) | FS1466 (T9IP) | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | | | | | | FS1464 (T20IP) |
| | Cooling nozzle | FS1477 | FS1477 | FS1476 | FS1477 | FS1476 | FS1477 | FS1476 | FS1476 |

Turning tools – Lever clamping

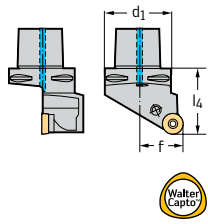
C...-PRSC

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|----|----------------|------------------|
| C5-PRSCR-35060-16 | 16 | C5 | 35 | 60 | | | 0° | 0° | RC .. T1605M0 .. |
| C5-PRSCR-35060-20 | 20 | C5 | 35 | 60 | | | 0° | 0° | RC .. T2006M0 .. |
| C6-PRSCR-45065-20 | 20 | C6 | 45 | 65 | | | 0° | 0° | |
| C8-PRSCR-55080-20 | 20 | C8 | 55 | 80 | 150 | 250 | 0° | 0° | |
| C6-PRSCR-45065-25 | 25 | C6 | 45 | 65 | 200 | 190 | 0° | 0° | RC .. T2507M0 .. |
| C8-PRSCR-55080-25 | 25 | C8 | 55 | 80 | 200 | 250 | 0° | 0° | |
| C5-PRSL-35060-16 | 16 | C5 | 35 | 60 | | | 0° | 0° | RC .. T1605M0 .. |
| C5-PRSL-35060-20 | 20 | C5 | 35 | 60 | | | 0° | 0° | RC .. T2006M0 .. |
| C6-PRSL-45065-20 | 20 | C6 | 45 | 65 | | | 0° | 0° | |
| C8-PRSL-55080-20 | 20 | C8 | 55 | 80 | 150 | 250 | 0° | 0° | |
| C6-PRSL-45065-25 | 25 | C6 | 45 | 65 | 200 | 190 | 0° | 0° | RC .. T2507M0 .. |
| C8-PRSL-55080-25 | 25 | C8 | 55 | 80 | 200 | 1.250 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 1605M0 / RC .. 2006M0 / RC .. 2507M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type d ₁ | RC .. T1605M0 .. C5 | RC .. T2006M0 .. C5-C6 | RC .. T2006M0 .. C8 | RC .. T2507M0 .. C6 | RC .. T2507M0 .. C8 | |
|------------------------|-------------------------------------|---------------------------|------------------------|------------------------|------------------------|------------------------|
| | Shim | AP157 | AP158 | AP404-RC2006 | AP405-RC2507 | AP405-RC2507 |
| | Lever | KN111 | KN112 | KN112 | KN113 | KN113 |
| | Clamping screw Tightening torque | FS344 (SW 2,5) 2,5 Nm | FS2156 (SW 3) 5 Nm | FS2156 (SW 3) 5 Nm | FS2145 (SW 4) 10 Nm | FS2145 (SW 4) 10 Nm |
| | Shim pin | RS108 | RS103 | RS103 | RS104 | RS104 |
| | Tapered assembly pin | MD102 | MD102 | MD103 | MD102 | MD102 |
| | Cooling nozzle | FS1019 | FS1019 | FS1479 | FS1476 | FS1479 |
| | Allen key | ISO2936-2,5 (SW 2,5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) | ISO2936-4 (SW 4) |

Accessories

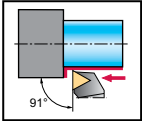
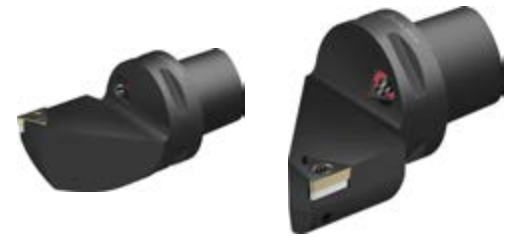
| Type | RC .. T1605M0 .. | RC .. T2006M0 ..-RC .. T2507M0 .. |
|------|------------------------|-----------------------------------|
| | Shim for RC .. 1606 .. | AP188 |

Turning tools – Screw clamping

C...-STGC mm

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|------|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|----|----------------|---------------|
| | | | | | | | | | | |
| | C4-STGCR-27050-11 | 11 | C4 | 27 | 50 | 90 | 140 | 0° | 0° | TC .. 1102 .. |
| | C4-STGCR-27050-16 | 16 | C4 | 27 | 50 | 140 | 140 | 0° | 0° | TC .. 16T3 .. |
| | C5-STGCR-35060-16 | 16 | C5 | 35 | 60 | 140 | 165 | 0° | 0° | |
| | C4-STGCL-27050-11 | 11 | C4 | 27 | 50 | 90 | 140 | 0° | 0° | TC .. 1102 .. |
| | C4-STGCL-27050-16 | 16 | C4 | 27 | 50 | 140 | 140 | 0° | 0° | TC .. 16T3 .. |
| | C5-STGCL-35060-16 | 16 | C5 | 35 | 60 | 140 | 165 | 0° | 0° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

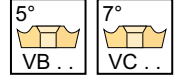
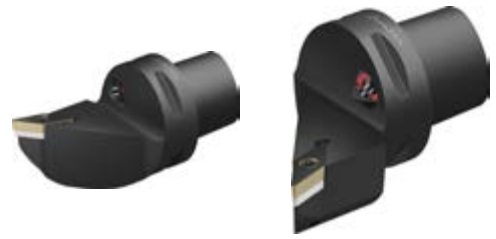
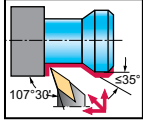
| Assembly parts | Type d ₁ | TC .. 1102 .. | TC .. 16T3 .. | TC .. 16T3 .. |
|----------------|--|-------------------------|------------------------|------------------------|
| | | C4 | C4 | C5 |
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP317-TC1612 | AP317-TC1612 |
| | Screw for shim | | FS2068 (SW 3,5) | FS2068 (SW 3,5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |
| | Cooling nozzle | FS1477 | FS1477 | FS1476 |

Turning tools – Screw clamping

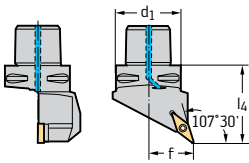
C...-SVHB

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|-------------------|----|-------|------|----------|--------------|---------------|----------|-------------|---------------|
| C3-SVHBR-22040-11 | 11 | C3 | 22 | 40 | 55 | 114 | 0° | 0° | VB .. 1103 .. |
| C4-SVHBR-27050-11 | 11 | C4 | 27 | 50 | 55 | 140 | 0° | 0° | |
| C4-SVHBR-27050-16 | 16 | C4 | 27 | 50 | 95 | 140 | 0° | 0° | VB .. 1604 .. |
| C5-SVHBR-35060-16 | 16 | C5 | 35 | 60 | 95 | 165 | 0° | 0° | |
| C6-SVHBR-45065-16 | 16 | C6 | 45 | 65 | 95 | 190 | 0° | 0° | |
| C3-SVHBL-22040-11 | 11 | C3 | 22 | 40 | 55 | 114 | 0° | 0° | VB .. 1103 .. |
| C4-SVHBL-27050-11 | 11 | C4 | 27 | 50 | 55 | 140 | 0° | 0° | VB .. 1604 .. |
| C4-SVHBL-27050-16 | 16 | C4 | 27 | 50 | 95 | 140 | 0° | 0° | |
| C5-SVHBL-35060-16 | 16 | C5 | 35 | 60 | 95 | 165 | 0° | 0° | |
| C6-SVHBL-45065-16 | 16 | C6 | 45 | 65 | 95 | 190 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | VB .. 1103 .. C3–C4 | VB .. 1604 .. C4 | VB .. 1604 .. C5–C6 |
|--|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |
| | Cooling nozzle | FS1477 | FS1477 | FS1476 |

Accessories

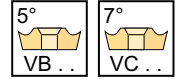
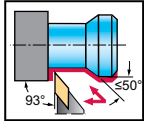
| Type | VB .. 1103 .. | VB .. 1604 .. |
|------|---------------|---------------|
| | | AP330-VB1612 |

Turning tools – Screw clamping

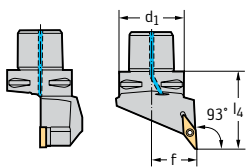
C...-SVJB

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|-------------------|----|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| C3-SVJBR-22040-11 | 11 | C3 | 22 | 40 | 55 | 116 | 0° | 0° | VB .. 1103 .. |
| C4-SVJBR-27050-11 | 11 | C4 | 27 | 50 | 55 | 150 | 0° | 0° | |
| C4-SVJBR-27050-16 | 16 | C4 | 27 | 50 | 155 | 140 | 0° | 0° | VB .. 1604 .. |
| C5-SVJBR-35060-16 | 16 | C5 | 35 | 60 | 155 | 165 | 0° | 0° | |
| C6-SVJBR-45065-16 | 16 | C6 | 45 | 65 | 155 | 190 | 0° | 0° | |
| C3-SVJBL-22040-11 | 11 | C3 | 22 | 40 | 55 | 116 | 0° | 0° | VB .. 1103 .. |
| C4-SVJBL-27050-11 | 11 | C4 | 27 | 50 | 55 | 150 | 0° | 0° | |
| C4-SVJBL-27050-16 | 16 | C4 | 27 | 50 | 155 | 140 | 0° | 0° | VB .. 1604 .. |
| C5-SVJBL-35060-16 | 16 | C5 | 35 | 60 | 155 | 165 | 0° | 0° | |
| C6-SVJBL-45065-16 | 16 | C6 | 45 | 65 | 155 | 190 | 0° | 0° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | VB .. 1103 .. C3–C4 | VB .. 1604 .. C4 | VB .. 1604 .. C5–C6 |
|--|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3,5) | FS2068 (SW 3,5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |
| | Cooling nozzle | FS1477 | FS1477 | FS1476 |

Accessories

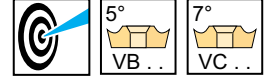
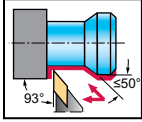
| | Type | VB .. 1103 .. | VB .. 1604 .. |
|--|------|---------------|---------------|
| | Shim | | AP330-VB1612 |

Turning tools – Rigid clamping

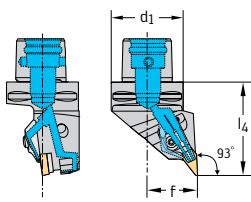
C...-DVJB...-P

Walter Turn

- Precision cooling
- Walter Capto™



Tool



| Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|---------------------|----|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| C4-DVJBR-27062-16-P | 16 | C4 | 27 | 62 | 2.200 | 250 | -2° | -7° | VB .. 1604 .. |
| C5-DVJBR-35065-16-P | 16 | C5 | 35 | 65 | 2.400 | 300 | -2° | -7° | |
| C6-DVJBR-45065-16-P | 16 | C6 | 45 | 65 | 2.500 | 350 | -2° | -7° | |
| C8-DVJBR-55080-16-P | 16 | C8 | 55 | 65 | 2.800 | 400 | -2° | -7° | |
| C4-DVJBL-27062-16-P | 16 | C4 | 27 | 62 | 2.200 | 250 | -2° | -7° | VB .. 1604 .. |
| C5-DVJBL-35065-16-P | 16 | C5 | 35 | 65 | 2.400 | 300 | -2° | -7° | |
| C6-DVJBL-45065-16-P | 16 | C6 | 45 | 65 | 2.500 | 350 | -2° | -7° | |
| C8-DVJBL-55080-16-P | 16 | C8 | 55 | 65 | 2.800 | 400 | -2° | -7° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert:VB .. 160408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d_1 | VB .. 1604 .. C4-C8 |
|--|--------------------------------------|--------------------------|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Right clamp | PK261R |
| | Left clamp | PK261L |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3,9 Nm |
| | Pressure spring | FS2188 |
| | Torx key | FS1465 (T15IP) |

Accessories

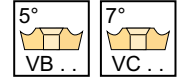
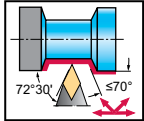
| | Type | VB .. 1604 .. |
|--|--|---------------|
| | (standard assembly parts) Right clamp set | PK261R-SET |
| | (standard assembly parts) Left clamp set | PK261L-SET |

Turning tools – Screw clamping

C...-SVVB

Walter Turn

– Walter Capto™



| Tool | Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type | |
|------|-------------------|--|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|------|---------------|
| | | | | | | | | | | | |
| | C4-SVVBN-00050-11 | | 11 | C4 | 0 | 50 | | 140 | 0° | 0° | VB .. 1103 .. |
| | C4-SVVBN-00050-16 | | 16 | C4 | 1 | 50 | | 140 | 0° | 0° | VB .. 1604 .. |
| | C5-SVVBN-00060-16 | | 16 | C5 | 1 | 60 | | 165 | 0° | 0° | |
| | C6-SVVBN-00065-16 | | 16 | C6 | 1 | 65 | | 190 | 0° | 0° | |

Walter Capto™ in acc. with ISO 26623

Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | VB .. 1103 .. C4 | VB .. 1604 .. C4 | VB .. 1604 .. C5-C6 |
|----------------|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0,9 Nm | FS2060 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3,5) | FS2068 (SW 3,5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |
| | Cooling nozzle | FS1477 | FS1477 | FS1476 |

| Accessories | | VB .. 1103 .. | VB .. 1604 .. |
|-------------|------|---------------|---------------|
| | Shim | | AP330-VB1612 |

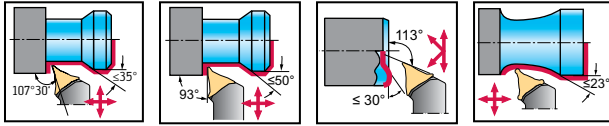
Turning tools – Copy turning system

W1011-C...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool

| Tool | Designation | | l_4 mm | $D_{\min 2}$ mm | f mm | γ | λ_s | Type |
|------|------------------|----|-------------|--------------------|-----------|----------|-------------|--------|
| | W1011-C4R-WL25-P | 25 | 50 | 200 | 27 | 0° | 0° | WL25.. |
| | W1011-C5R-WL25-P | 25 | 60 | 200 | 35 | 0° | 0° | |
| | W1011-C6R-WL25-P | 25 | 65 | 200 | 45 | 0° | 0° | |
| | W1011-C4L-WL25-P | 25 | 50 | 200 | 27 | 0° | 0° | WL25.. |
| | W1011-C5L-WL25-P | 25 | 60 | 200 | 35 | 0° | 0° | |
| | W1011-C6L-WL25-P | 25 | 65 | 200 | 45 | 0° | 0° | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert:WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi)
 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type | WL25.. |
|--|--|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

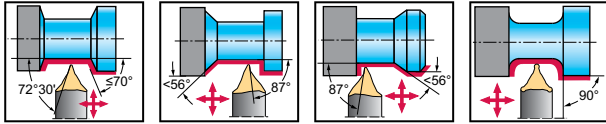
Turning tools – Copy turning system

W1010-C...-P

Walter Turn



- Precision cooling
- Walter Capto™



| Tool | Designation | | d_1 | f mm | l_4 mm | D_{min2} mm | γ | λ_s | Type |
|------|------------------|----|-------|------|----------|---------------|----------|-------------|--------|
| | W1010-C4N-WL25-P | 25 | C4 | 0 | 50 | 200 | 0° | 0° | WL25.. |
| | W1010-C5N-WL25-P | 25 | C5 | 0 | 60 | 200 | 0° | 0° | |
| | W1010-C6N-WL25-P | 25 | C6 | 0 | 65 | 200 | 0° | 0° | |

Walter Capto™ in acc. with ISO 26623

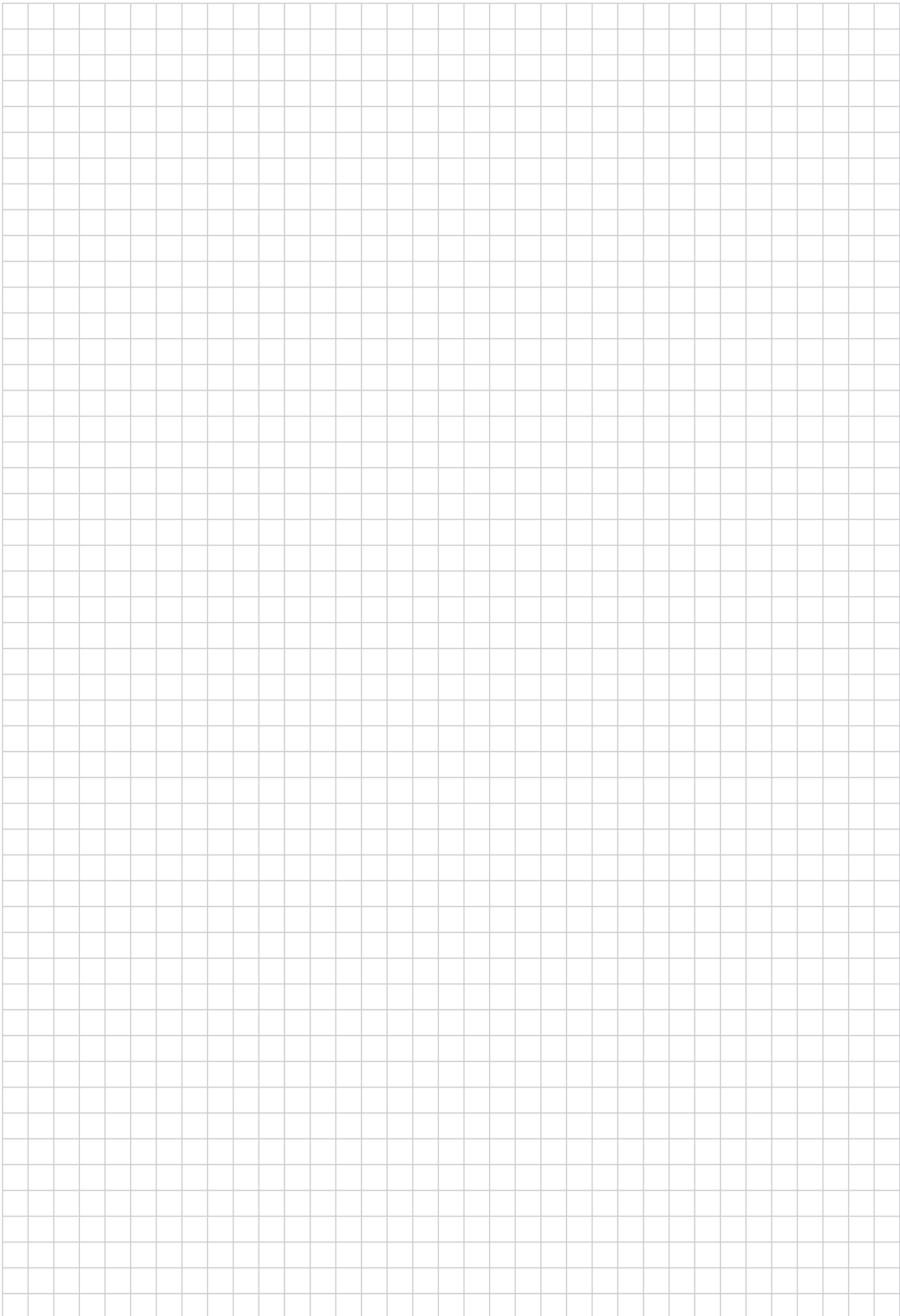
Measured with master insert:WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | WL25.. |
|----------------|--|------|------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS1495 (T20IP) 5 Nm |
| | Allen key | | FS1464 (T20IP) |

WALTER SELECT

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

●● Primary application ● Other application

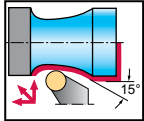


Turning tools - Rigid clamping

C...-CRSN...-P

Walter Turn

- Precision cooling
- For ceramic indexable inserts



| Tool | Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|------|---------------------|----|-------|---------|-------------|-----------------|------------------|----------|-------------|-------------|
| | C6-CRSNR-45065-12-P | 12 | C6 | 45 | 65 | 600 | 700 | -6° | -6° | RNGN1207 .. |
| | C6-CRSNL-45065-12-P | 12 | C6 | 45 | 65 | 600 | 700 | -6° | -6° | RNGN1207 .. |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert:RN .. 120700 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type | RNGN1207 .. |
|----------------|--------------------------------------|--------------------------|
| | d_1 Shim for RN .. 1207 .. | C6 AP418-RN1207 |
| | Screw for shim Tightening torque | FS2241 (T20) 5 Nm |
| | Clamp | PK268 |
| | Screw for clamp Tightening torque | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS2298 |
| | Allen key | FS1464 (T20IP) |

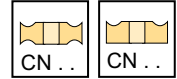
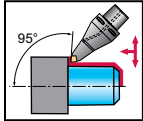
| Accessories | Type | RNGN1207 .. |
|-------------|--|--------------|
| | (standard assembly parts) Clamp set | PK268-SET |
| | Shim for RN .. 1204 .. | AP421-RN1204 |


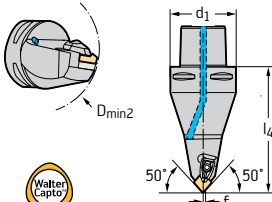

45° turning tools – Rigid clamping

C...-DCMN

Walter Turn



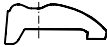




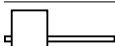
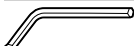
- Walter Capto™
- Toolholders for turning and milling centers







| Tool | Designation |  | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|--|-------------------|---|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
|   | C5-DCMNN-00105-12 | | 12 | 0 | 105 | | 110 | -6° | -6° | CN .. 1204 .. |
| | C6-DCMNN-00090-12 | | 12 | 0 | 90 | | 110 | -6° | -6° | |
| | C6-DCMNN-00115-12 | | 12 | 0 | 115 | | 110 | -6° | -6° | |
| | C6-DCMNN-00090-16 | | 16 | 1 | 90 | | 110 | -6° | -6° | CN .. 1606 .. |
| | C8-DCMNN-00150-16 | | 16 | 1 | 150 | | 115 | -6° | -6° | |

Walter Capto™ in acc. with ISO 26623

Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type d_1 | CN .. 1204 .. C5 | CN .. 1204 .. C6 | CN .. 1606 .. C6-C8 |
|---|--------------------------------------|--------------------------|--------------------------|--------------------------|
|  | Shim | AP301-CN12 | AP301-CN12 | AP302-CN16 |
|  | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
|  | Clamp | PK241 | PK241 | PK242 |
|  | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
|  | Pressure spring | FS1470 | FS1470 | FS1471 |
|  | Pin | RS117 | RS117 | RS117 |
|  | Cooling nozzle | FS1476 | FS1479 | FS1479 |
|  | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | |
|  | Allen key | | | FS1464 (T20IP) |

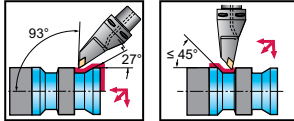
| Accessories | Type | CN .. 1204 .. | CN .. 1606 .. |
|---|--|---------------|---------------|
|  | (standard assembly parts) Clamp set | PK241-SET | PK242-SET |
|  | Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
|  | Insert with hole Carbide clamp set | PK254-SET | |
|  | Shim for CN .. 1207 .. | AP411-CN1207 | |

45° turning tools – Rigid clamping

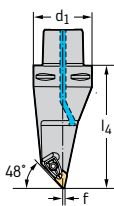
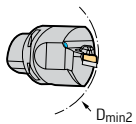
C...-DDMN

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centers



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|--|----------------|---------|----------------------|------------------------|-------------------------|-----|----------------|---------------|
| C5-DDMNL-00115-15 | | 15 | C5 | 1 | 115 | | -5° | -6° | DN .. 1506 .. |
| C6-DDMNL-00130-15 | | 15 | C6 | 1 | 130 | | -5° | -6° | |
| C6-DDMNL-33120-15 | | 15 | C6 | 33 | 120 | | -5° | -6° | |
| C8-DDMNL-00160-15 | | 15 | C8 | 1 | 160 | | -5° | -6° | |

Measured with master insert: DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | DN .. 1506 .. C5 | DN .. 1506 .. C6-C8 |
|--------------------------------------|--------------------------|--------------------------|
| Shim | AP304-DN15 | AP304-DN15 |
| Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm |
| Clamp | PK241 | PK241 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | FS1470 | FS1470 |
| Pin | RS117 | RS117 |
| Cooling nozzle | FS1476 | FS1479 |
| Torx key | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

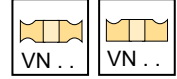
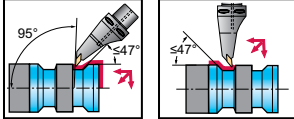
| Type | DN .. 1506 .. |
|--|---------------|
| (standard assembly parts) Clamp set | PK241-SET |
| Insert without hole Carbide clamp set | PK245-SET |
| Insert without hole Carbide clamp set | PK254-SET |
| Shim for DN .. 1504 .. | AP304-DN1504 |
| Shim for DN .. 1507 .. | AP412-DN1507 |

45° turning tools – Rigid clamping

C...-DVMN

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centers



| Tool | Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|------|-------------------|----|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| | C8-DVMNL-00160-16 | 16 | C8 | 1 | 160 | | 110 | -4° | -14° | VN .. 1604 .. |

Walter Capto™ in acc. with ISO 26623

Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type d_1 | VN .. 1604 .. C8 |
|----------------|--------------------------------------|--------------------------|
| | Shim | AP312-VN16 |
| | Screw for shim Tightening torque | FS1467 (T15IP) 3 Nm |
| | Clamp | PK244 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1470 |
| | Pin | RS117 |
| | Cooling nozzle | FS1479 |
| | Torx key | FS1465 (T15IP) |

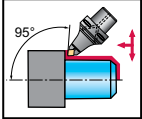
| Accessories | Type | VN .. 1604 .. |
|-------------|--|---------------|
| | (standard assembly parts) Clamp set | PK244-SET |

45° turning tools – Screw clamping

C...-SCMC

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centers



| Tool | | Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|------|--|---|----|-------|---------|-------------|-----------------|------------------|----------|-------------|---------------|
| | | C6-SCMCN-00090-12 | 12 | C6 | 1 | 90 | | 100 | 0° | 0° | CC .. 1204 .. |
| | | Measured with master insert: CC .. 120408 Refer to the Walter online catalog for more product information: www.walter-tools.com Bodies and assembly parts are included in the scope of delivery | | | | | | | | | |

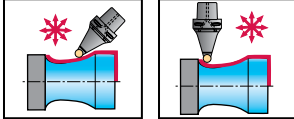
| Assembly parts | | Type | CC .. 1204 .. |
|----------------|--|-------|------------------------|
| | | d_1 | C6 |
| | Clamping screw for indexable insert Tightening torque | | FS2065 (T15IP) 3 Nm |
| | Shim | | AP319-SC1212 |
| | Screw for shim | | FS2069 (SW 4) |
| | Torx key | | FS1496 (T15IP) |

45° turning tools – Screw clamping

C...-SRDC

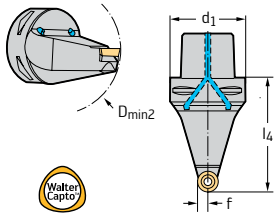
Walter Turn

- Walter Capto™
- Toolholders for turning and milling centers



Tool

| Designation | | d ₁ | f mm | l ₄ mm | D _{min} mm | D _{min2} mm | γ | λ _s | Type |
|-------------------|----|----------------|---------|----------------------|------------------------|-------------------------|----|----------------|------------------|
| C6-SRDCN-00100-10 | 10 | C6 | 5 | 100 | | 110 | 0° | 0° | RC .. T10T3M0 .. |
| C6-SRDCN-00100-16 | 16 | C6 | 8 | 100 | | 110 | 0° | 0° | RC .. T1606M0 .. |



Walter Capto™ in acc. with ISO 26623

Measured with master insert: RC .. 10T3M0 / RC .. 1606M0 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

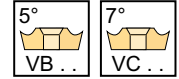
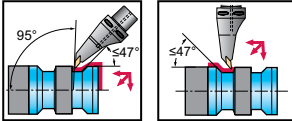
| Type d ₁ | RC .. T10T3M0 .. C6 | RC .. T1606M0 .. C6 |
|--|------------------------|--------------------------|
| Clamping screw for indexable insert Tightening torque | FS2063 (T15IP) 3 Nm | FS2090 (T20IP) 6.4 Nm |
| Shim | AP324-RC10T3 | AP326-RC1606 |
| Screw for shim | FS2068 (SW 3.5) | FS2091 (SW 5) |
| Torx key | FS1465 (T15IP) | |
| Allen key | | FS1464 (T20IP) |

45° turning tools – Screw clamping

C...-SVMB

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centers



| Tool | | Designation | | d_1 | f mm | l_4 mm | D_{min} mm | D_{min2} mm | γ | λ_s | Type |
|------|--|-------------------|--|-------|------|----------|--------------|---------------|----------|-------------|---------------|
| | | C5-SVMBL-00115-16 | | 16 | 1 | 115 | | 110 | 0° | 0° | VB .. 1604 .. |
| | | C6-SVMBL-00130-16 | | 16 | 1 | 130 | | 110 | 0° | 0° | |
| | | C6-SVMBL-33120-16 | | 16 | C6 | 33 | 120 | | 110 | 0° | |

Walter Capto™ in acc. with ISO 26623

Measured with master insert: VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | VB .. 1604 .. C5-C6 |
|----------------|--|------|------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | | FS1465 (T15IP) |

| Accessories | | Type | VB .. 1604 .. |
|-------------|------|------|---------------|
| | Shim | | FS1476 |

Boring bars – Negative basic shape

| | | |
|-----------|--|--|
| Type | | |
| Machining | | |



| Designation | A...-DCLN | A...-PCLN | A...-DDUN | A...-PDUN |
|------------------------------------|-------------|------------|-------------|------------|
| Approach angle | 95° | 95° | 93° | 93° |
| Clamping system | Claw | Lever-type | Claw | Lever-type |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 25–50 | 16–40 | 25–50 | 25–40 |
| Boring bar Ø d ₁ [inch] | 0.750–2.000 | | 0.750–2.000 | |
| Insert size l [mm] | 9–16 | 9–16 | 11–15 | 11–15 |
| Insert size l [1/8 inch] | 3–5 | 3–5 | 3–4 | 3–4 |
| Page in catalog | A 274 | A 276 | A 277 | A 280 |

| | | | | |
|--|--------|--------|--------|--------|
| QR code | | | | |
| www.walter-tools.com/woc/ | A-DCLN | A-PCLN | A-DDUN | A-PDUN |

| | | | |
|-----------|--|--|--|
| Type | | | |
| Machining | | | |



| Designation | A...-DDXN | A...-DSKN | A...-PSKN | A...-DTFN |
|------------------------------------|-----------|-----------|------------|-------------|
| Approach angle | 62.5° | 75° | 75° | 91° |
| Clamping system | Claw | Claw | Lever-type | Claw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 32–40 | 25–40 | 25–32 | 25–50 |
| Boring bar Ø d ₁ [inch] | | | | 0.750–2.000 |
| Insert size l [mm] | 11–15 | 12–15 | 12 | 16–22 |
| Insert size l [1/8 inch] | 3–4 | 3–4 | 4 | 3–4 |
| Page in catalog | A 279 | A 281 | A 282 | A 283 |

| | | | | |
|--|--------|--------|--------|--------|
| QR code | | | | |
| www.walter-tools.com/woc/ | A-DDXN | A-DSKN | A-PSKN | A-DTFN |

Boring bars – Negative basic shape

| | | | | |
|-----------|--|--|--|--|
| Type | | | | |
| Machining | | | | |



| Designation | A...-PTFN | A...-DVUN | A...-DWLN | A...-PWLN |
|------------------------------------|------------|-------------|-------------|------------|
| Approach angle | 91° | 93° | 95° | 95° |
| Clamping system | Lever-type | Claw | Claw | Lever-type |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 16–32 | 40 | 25–50 | 20–32 |
| Boring bar Ø d ₁ [inch] | | 1.250–1.500 | 1.000–2.000 | |
| Insert size l [mm] | 11–16 | 16 | 6–10 | 6–8 |
| Insert size l [1/8 inch] | 2–3 | 3 | | |
| Page in catalog | A 285 | A 286 | A 288 | A 290 |

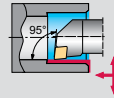
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|--|--------|--------|--------|--------|
| QR code | | | | |
| www.walter-tools.com/woc/ | A-PTFN | A-DVUN | A-DWLN | A-PWLN |

Boring bars – Positive basic shape

Type



Machining



| Designation | A...-SCLC | A...-SCLC...-R | E...-SCLC | E...-SCLC...-R |
|------------------------------------|-------------|----------------|-------------|----------------|
| Approach angle | 95° | 95° | 95° | 95° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 8–32 | 8–20 | | 8–25 |
| Boring bar Ø d ₁ [inch] | 0.375–1.250 | | 0.375–1.000 | |
| Insert size l [mm] | 6–12 | 6–9 | 6–9 | 6–9 |
| Insert size l [1/8 inch] | 2–4 | 2–3 | 2–3 | 2–3 |
| Page in catalog | A 291 | A 291 | A 291 | A 291 |

QR code


www.walter-tools.com/woc/

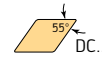
A-SCLC

A-SCLC-R

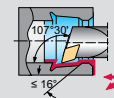
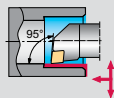
E-SCLC

E-SCLC-R

Type



Machining



| Designation | A...-SCLP | E...-SCLP | A...-SDQC | A...-SDQC...-R |
|------------------------------------|-------------|-------------|-----------|----------------|
| Approach angle | 95° | 95° | 107.5° | 107.5° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | | | 12–25 | 12–20 |
| Boring bar Ø d ₁ [inch] | 0.312–1.000 | 0.375–0.500 | | |
| Insert size l [mm] | 6–9 | 6 | 7–11 | 7–11 |
| Insert size l [1/8 inch] | 2–3 | 3 | 2–3 | 2–3 |
| Page in catalog | A 296 | A 296 | A 298 | A 298 |

QR code


www.walter-tools.com/woc/

A-SCLP-E-SCLP

E-SCLP

A-SDQC

A-SDQC-R

Boring bars – Positive basic shape

| | | | | |
|------------------------------------|--|--|--|--|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | A...-SDUC...-R | A...-SDJC | A...-SDUC | A...-SDUC...-X |
| Approach angle | 93° | 93° | 93° | 93° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 10–20 | 16–25 | 10–32 | 16–32 |
| Boring bar Ø d ₁ [inch] | | | 0.375–1.000 | 1.000–1.250 |
| Insert size l [mm] | 7–11 | 7–11 | 7–11 | 7–11 |
| Insert size l [1/8 inch] | 2–3 | 2–3 | 2–3 | 2–3 |
| Page in catalog | A 300 | A 307 | A 300 | A 303 |
| QR code | | | | |
| | www.walter-tools.com/woc/A-SDUC-R | www.walter-tools.com/woc/A-SDJC | www.walter-tools.com/woc/A-SDUC | www.walter-tools.com/woc/A-SDUC-X |

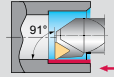
| | | | | |
|------------------------------------|--|--|--|--|
| Type | | | | |
| Machining | | | | |
| | | | | |
| Designation | E...-SDUC | E...-SDUC...-R | A...-SDXC... | A...-SSKC |
| Approach angle | 93° | 93° | 62.5° | 75° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | | 10–25 | 12–25 | 16–25 |
| Boring bar Ø d ₁ [inch] | 0.375–1.000 | | | |
| Insert size l [mm] | 7–11 | 7–11 | 7–11 | 9–12 |
| Insert size l [1/8 inch] | 2–3 | 2–3 | 2–3 | 3–4 |
| Page in catalog | A 300 | A 300 | A 308 | A 309 |
| QR code | | | | |
| | www.walter-tools.com/woc/E-SDUC | www.walter-tools.com/woc/E-SDUC-R | www.walter-tools.com/woc/A-SDXC | www.walter-tools.com/woc/A-SSKC |

Boring bars – Positive basic shape

Type



Machining



| Designation | A...-STFC | A...-STFC...-R | E...-STFC | E...-STFC...-R |
|------------------------------------|-------------|----------------|-------------|----------------|
| Approach angle | 91° | 91° | 91° | 91° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 6–32 | 6–16 | | 6–25 |
| Boring bar Ø d ₁ [inch] | 0.375–1.250 | | 0.375–1.000 | |
| Insert size l [mm] | 6–16 | 6–11 | 9–16 | 6–16 |
| Insert size l [1/8 inch] | 2–5 | 2–3 | 3–5 | 2–5 |
| Page in catalog | A 310 | A 310 | A 310 | A 310 |

QR code


www.walter-tools.com/woc/

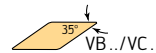
A-STFC

A-STFC-R

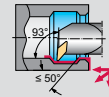
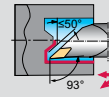
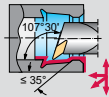
E-STFC

E-STFC-R

Type



Machining



| Designation | A...-SVQB | A...-SVQB...-R | A...-SVJB | A...-SVUB |
|------------------------------------|-----------|----------------|-----------|-------------|
| Approach angle | 107.5° | 107.5° | 93° | 93° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Boring bar Ø d ₁ [mm] | 16–40 | 16–20 | 16–20 | 16–40 |
| Boring bar Ø d ₁ [inch] | | | | 0.625–1.500 |
| Insert size l [mm] | 11–16 | 11 | 11 | 11–16 |
| Insert size l [1/8 inch] | 3–5 | 3 | 3 | 3–5 |
| Page in catalog | A 315 | A 315 | A 317 | A 318 |

QR code


www.walter-tools.com/woc/

A-SVQB

A-SVQB-R

A-SVJB

A-SVUB

Boring bars – Positive basic shape

| | | |
|-----------|--|--|
| Type | | |
| Machining | | |



| | | | |
|-------------------------------------|----------------|-------------|-------------|
| Designation | A...-SVUB...-R | E...-SWLC | A...-SWLC |
| Approach angle | 93° | 95° | 95° |
| Clamping system | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial |
| Boring bar $\varnothing d_1$ [mm] | 16–20 | | 10–25 |
| Boring bar $\varnothing d_1$ [inch] | | 0.375–0.500 | 0.375–1.000 |
| Insert size l [mm] | 11 | 4 | 4–8 |
| Insert size l [1/8 inch] | 3 | 2 | 2–4 |
| Page in catalog | A 318 | A 321 | A 321 |

QR code



www.walter-tools.com/woc/

A-SVUB-R

E-SWLC

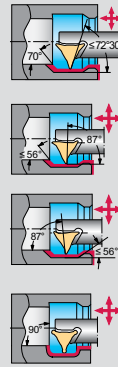
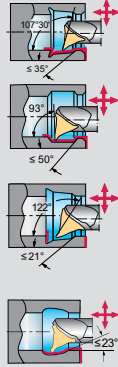
A-SWLC

Boring bars – WL Copy turning system

Type



Machining



| Designation | W1211 | W1210 | |
|-------------------------------------|-------------|-------|--|
| Approach angle | 107.5° | 72.5° | |
| Clamping system | Screw | Screw | |
| Coolant supply | axial | axial | |
| Boring bar $\varnothing d_1$ [mm] | 12–40 | 12–40 | |
| Boring bar $\varnothing d_1$ [inch] | 1.000–1.250 | | |
| Insert size l [mm] | 17–25 | 17–25 | |
| Page in catalog | A 324 | A 327 | |

QR code


www.walter-tools.com/woc/

W1211

W1210

Boring bar adaptor

Type

Machining



| | | |
|--------------------------|-----------|--|
| Designation | A2140-W | |
| Approach angle | | |
| Clamping system | null _x_ | |
| Coolant supply | axial | |
| Shank size h [mm] | 14.2-38.5 | |
| Shank size h [Inch] | | |
| Insert size l [mm] | | |
| Insert size l [1/8 inch] | | |
| Page in catalog | A 329 | |

QR code


www.walter-tools.com/woc/

A2140-W

Walter Capto™ boring bars – Negative basic shape

| | | |
|-----------|--|--|
| Type | | |
| Machining | | |



| Designation | C...-DCLN | C...-PCLN | C...-DDUN | C...-PDUN |
|-----------------------------------|-----------|------------|-----------|------------|
| Approach angle | 95° | 95° | 93° | 93° |
| Clamping system | Claw | Lever-type | Claw | Lever-type |
| Coolant supply | Internal | axial | Internal | axial |
| Walter Capto™ size | C4–C6 | C3–C6 | C4–C6 | C3–C6 |
| Boring bar $\varnothing d_2$ [mm] | 25–40 | 25–50 | 25–40 | 25–50 |
| Insert size l [mm] | 12–16 | 12–16 | 11–15 | 11–15 |
| Insert size l [1/8 inch] | 4–5 | 4–5 | 3–4 | 3–4 |
| Page in catalog | A 330 | A 331 | A 333 | A 334 |

| | | | | |
|--|--------|--------|--------|--------|
| QR code | | | | |
| www.walter-tools.com/woc/ | C-DCLN | C-PCLN | C-DDUN | C-PDUN |

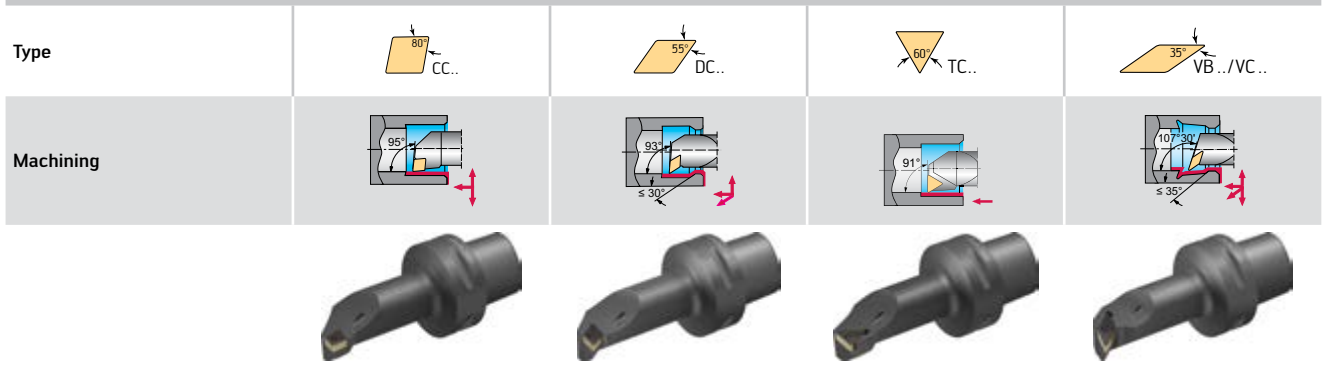
| | | | |
|-----------|--|--|--|
| Type | | | |
| Machining | | | |



| Designation | C...-PSKN | C...-PTFN | C...-DWLN | C...-PWLN |
|-----------------------------------|------------|------------|-----------|------------|
| Approach angle | 75° | 91° | 95° | 95° |
| Clamping system | Lever-type | Lever-type | Claw | Lever-type |
| Coolant supply | axial | axial | Internal | Internal |
| Walter Capto™ size | C5–C6 | C4–C6 | C4–C6 | C3–C6 |
| Boring bar $\varnothing d_2$ [mm] | 40–50 | 25–50 | 20–40 | 20–50 |
| Insert size l [mm] | 12–15 | 16–22 | 6–10 | 6–8 |
| Insert size l [1/8 inch] | 4–5 | 3–4 | 3–5 | 3–4 |
| Page in catalog | A 336 | A 337 | A 338 | A 339 |

| | | | | |
|--|--------|--------|--------|--------|
| QR code | | | | |
| www.walter-tools.com/woc/ | C-PSKN | C-PTFN | C-DWLN | C-PWLN |

Walter Capto™ boring bars – Positive basic shape



| Designation | C...-SCLC | C...-SDUC | C...-STFC | C...-SVQB |
|----------------------------------|-----------|-----------|-----------|-----------|
| Approach angle | 95° | 93° | 91° | 107.5° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| Walter Capto™ size | C3–C5 | C3–C5 | C4–C5 | C3–C6 |
| Boring bar Ø d ₂ [mm] | 16–40 | 16–40 | 16–32 | 16–50 |
| Insert size l [mm] | 9–12 | 7–11 | 11–16 | 11–16 |
| Insert size l [1/8 inch] | 3–4 | 2–3 | 2–3 | 2–3 |
| Page in catalog | A 340 | A 341 | A 342 | A 343 |

| | | | | |
|---------|--|--|--|--|
| QR code | | | | |
| | www.walter-tools.com/woc/C-SCLC | www.walter-tools.com/woc/C-SDUC | www.walter-tools.com/woc/C-STFC | www.walter-tools.com/woc/C-SVQB |

Vibration-damped boring bar adaptor



Cylinder shaft adaptor –
vibration damped







Cylinder shaft adaptor –
vibration damped



Walter Capto™ Adaptor –
vibration damped



Walter Capto™ Adaptor –
vibration damped



| | | | | |
|--|---|---|--|---|
| Designation | A3000 | A3001 | A3000-C | A3001-C |
| Machine-side | Parallel shank with clamping surface | Cylindrical shank | Walter Capto™ in acc. with ISO 26623 | Walter Capto™ in acc. with ISO 26623 |
| Tool-side | Q25 - Q50 | QL60 - QL100 | Q25 - Q50 | QL60 - QL80 |
| Page in catalog | A 344 | A 346 | A 348 | A 349 |
| QR code |  |  |  |  |
| www.walter-tools.com/woc/ | A3000 | A3001 | A3000-C | A3001-C |



HSK-T adaptor – vibration
damped




HSK-T adaptor – vibration
damped

| | | |
|--|---|---|
| Designation | A3000-HSK-T | A3001-HSK-T |
| Machine-side | HSK DIN 69893-7 | HSK DIN 69893-7 |
| Tool-side | Q25 - Q50 | QL60 - QL80 |
| Page in catalog | A 350 | A 351 |
| QR code |  |  |
| www.walter-tools.com/woc/ | A3000-HSK-T | A3001-HSK-T |

Boring bar adaptor – QuadFit



Cylindrical shank - QuadFit

| | | |
|--|---|--|
| Designation | A2100 | |
| Machine-side | Parallel shank with clamping surface | |
| Tool-side | Q40 - QL60 | |
| Page in catalog | A 352 | |
| QR code |  | |
| www.walter-tools.com/woc/ | A2100 | |

Intermediate adaptors – QuadFit Large

Type

Machining



Designation

A2201

Approach angle

Clamping system

Coolant supply

axial

Shank size h [mm]

QL100–QL80

Shank size h [Inch]

QL64–QL76

Insert size l [mm]

Page in catalog

A 354

QR code


www.walter-tools.com/woc/

A2201

QuadFit exchangeable head – Negative basic shape



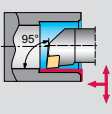
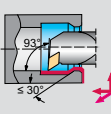
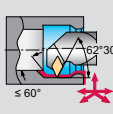
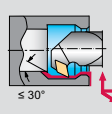








| | | | |
|-----------|--|--|--|
| Type | | | |
| Machining | | | |


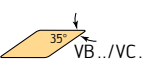
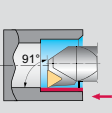
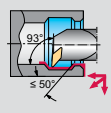






| | | | |
|--------------------------|-----------|-----------|-----------|
| Designation | Q...-DCLN | Q...-DDUN | Q...-DWLN |
| Approach angle | 95° | 93° | 95° |
| Clamping system | Claw | Claw | Claw |
| Coolant supply | axial | axial | axial |
| QuadFit size | Q32-Q50 | Q32-Q50 | Q32-Q50 |
| Insert size l [mm] | 12-16 | 11-15 | 6-8 |
| Insert size l [1/8 inch] | 4-5 | 3-4 | 3-4 |
| Page in catalog | A 356 | A 357 | A 358 |

| | | | |
|--|--------|--------|--------|
| QR code | | | |
| www.walter-tools.com/woc/ | Q-DCLN | Q-DDUN | Q-DWLN |

QuadFit exchangeable head – Positive basic shape

| Type |  | |  | |
|--------------------------|--|--|---|--|
| Machining |  |  |  |  |
| |  |  |  |  |
| Designation | Q...-SCLC | Q...-SDUC | Q...-SDXC | Q...-SDUC...-X |
| Approach angle | 95° | 93° | 62,5° | 32° |
| Clamping system | Screw | Screw | Screw | Screw |
| Coolant supply | axial | axial | axial | axial |
| QuadFit size | Q25-Q50 | Q25-Q50 | Q25-Q50 | Q25-Q50 |
| Insert size l [mm] | 9-12 | 11 | 11 | 11 |
| Insert size l [1/8 inch] | 3-4 | 3 | 3 | 3 |
| Page in catalog | A 359 | A 360 | A 362 | A 360 |
| QR code |  |  |  |  |
| | www.walter-tools.com/woc/ Q-SCLC | www.walter-tools.com/woc/ Q-SDUC | www.walter-tools.com/woc/ Q-SDXC | www.walter-tools.com/woc/ Q-SDUC-X |

| Type |  |  |
|--------------------------|---|---|
| Machining |  |  |
| |  |  |
| Designation | Q...-STFC | Q...-SVUB |
| Approach angle | 91° | 93° |
| Clamping system | Screw | Screw |
| Coolant supply | axial | axial |
| QuadFit size | Q25-Q50 | Q25-Q50 |
| Insert size l [mm] | 11-16 | 11-16 |
| Insert size l [1/8 inch] | 2-3 | 2-3 |
| Page in catalog | A 363 | A 364 |
| QR code |  |  |
| | www.walter-tools.com/woc/ Q-STFC | www.walter-tools.com/woc/ Q-SVUB |

QuadFit exchangeable head – WL copy turning system

Type



Machining



| | |
|---------------------|-------------------|
| Designation | W1211-Q... |
| Approach angle | 107.5° |
| Clamping system | Screw |
| Coolant supply | Precision cooling |
| Shank size h [mm] | Q32-Q50 |
| Shank size h [Inch] | |
| Insert size l [mm] | 25 |
| Page in catalog | A 365 |

QR code



www.walter-tools.com/woc/

W1211-Q

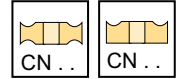
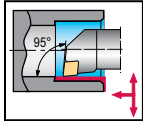
Boring bar – Rigid clamping

A...-DCLN

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D_{\min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--|--------------|--|------------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| Parallel shank with clamping surface | A25T-DCLNR12 | | 12 | 32 | 25 | 17 | 23 | -6° | -12° | CN .. 1204 .. |
| | A32T-DCLNR12 | | 12 | 40 | 32 | 22 | 30 | -6° | -10° | |
| | A40T-DCLNR12 | | 12 | 50 | 40 | 27 | 37 | -6° | -15° | |
| | A40T-DCLNR16 | | 16 | 50 | 40 | 27 | 37 | -6° | -16° | CN .. 1606 .. |
| | A50U-DCLNR16 | | 16 | 63 | 50 | 35 | 47 | -6° | -13° | |
| | A25T-DCLNL12 | | 12 | 32 | 25 | 17 | 23 | -6° | -12° | CN .. 1204 .. |
| | A32T-DCLNL12 | | 12 | 40 | 32 | 22 | 30 | -6° | -10° | |
| | A40T-DCLNL12 | | 12 | 50 | 40 | 27 | 37 | -6° | -15° | |
| | A40T-DCLNL16 | | 16 | 50 | 40 | 27 | 37 | -6° | -16° | CN .. 1606 .. |
| | A50U-DCLNL16 | | 16 | 63 | 50 | 35 | 47 | -6° | -13° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D_{\min} [mm] | CN .. 1204 .. 32–40 | CN .. 1204 .. 50 | CN .. 1606 .. 50–63 |
|----------------|--------------------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP354-CN12 | AP301-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1470 | FS1471 |
| | Pin | RS117 | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

| Accessories | Type | CN .. 1204 .. | CN .. 1606 .. |
|-------------|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | PK254-SET | |

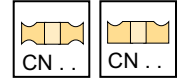
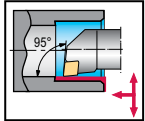
Boring bar – Rigid clamping

A...-DCLN inch

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D _{min} inch | d ₁ inch | f inch | h inch | l ₁ inch | γ | λ _s | Type |
|------|-------------|----|--------------------------|------------------------|-----------|-----------|------------------------|-----|----------------|------------------------------|
| | | | | | | | | | | |
| | A12S-DCLNR3 | 9 | 1.000 | 0.750 | 0.64 | 0.709 | 10.000 | 0° | | CN .. 0903 .. CN .. 32 .. |
| | A16T-DCLNR4 | 12 | 1.280 | 1.000 | 0.640 | 0.906 | 12.000 | -6° | -12° | CN .. 1204 .. CN .. 43 .. |
| | A20T-DCLNR4 | 12 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | -6° | -11° | |
| | A24T-DCLNR4 | 12 | 1.760 | 1.500 | 0.890 | 1.374 | 12.000 | -6° | -16° | |
| | A24T-DCLNR5 | 16 | 1.760 | 1.500 | 0.890 | 1.374 | 12.000 | -6° | -18° | CN .. 1606 .. CN .. 54 .. |
| | A32U-DCLNR5 | 16 | 2.402 | 2.000 | 1.281 | 1.874 | 14.000 | -6° | -14° | |
| | A12S-DCLNL3 | 9 | 1.000 | 0.750 | 0.64 | 0.709 | 10.000 | 0° | | CN .. 0903 .. CN .. 32 .. |
| | A16T-DCLNL4 | 12 | 1.280 | 1.000 | 0.640 | 0.906 | 12.000 | -6° | -12° | CN .. 1204 .. CN .. 43 .. |
| | A20T-DCLNL4 | 12 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | -6° | -11° | |
| | A24T-DCLNL4 | 12 | 1.760 | 1.500 | 0.890 | 1.374 | 12.000 | -6° | -16° | |
| | A24T-DCLNL5 | 16 | 1.760 | 1.500 | 0.890 | 1.374 | 12.000 | -6° | -18° | CN .. 1606 .. CN .. 54 .. |
| | A32U-DCLNL5 | 16 | 2.402 | 2.000 | 1.281 | 1.874 | 14.000 | -6° | -14° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [inch] | CN .. 0903 .. CN .. 32 .. 1 | CN .. 1204 .. CN .. 43 .. 1.28–1.76 | CN .. 1606 .. CN .. 54 .. 1.76–2.402 |
|----------------|--------------------------------------|-----------------------------------|---|--|
| | Shim | AP414-CN09 | AP354-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs | FS1463 (T20IP) 3.688 lbs |
| | Clamp | PK240 | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1474 (T20IP) 4.72 lbs |
| | Pressure spring | FS1469 | FS1470 | FS1471 |
| | Pin | RS116 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

| Accessories | Type | CN .. 0903 .. CN .. 32 .. | CN .. 1204 .. CN .. 43 .. | CN .. 1606 .. CN .. 54 .. |
|-------------|--|------------------------------|------------------------------|------------------------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | | PK254-SET | |
| | CN..1207.. Shim for basic shape | | AP411-CN1207 | |

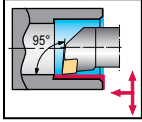
Boring bar – Lever clamping

A...-PCLN

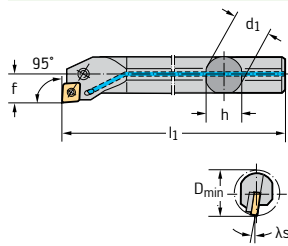
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A16R-PCLNR09 | | 9 | 20 | 16 | 11 | 15 | -6° | -13° | CN .. 0903 .. |
| A20S-PCLNR09 | | 9 | 25 | 20 | 13 | 18 | -6° | -11° | |
| A25T-PCLNR09 | | 9 | 32 | 25 | 17 | 23 | -6° | -10° | |
| A25T-PCLNR12 | | 12 | 32 | 25 | 17 | 23 | -6° | -10° | CN .. 1204 .. |
| A32T-PCLNR12 | | 12 | 40 | 32 | 22 | 30 | -6° | -11° | |
| A40T-PCLNR12 | | 12 | 50 | 40 | 27 | 37 | -6° | -10° | |
| A32T-PCLNR16 | | 16 | 55 | 32 | 22 | 30 | -6° | -10° | CN .. 1606 .. |
| A40T-PCLNR16 | | 16 | 58 | 40 | 27 | 37 | -6° | -10° | |
| A16R-PCLNL09 | | 9 | 20 | 16 | 11 | 15 | -6° | -13° | CN .. 0903 .. |
| A20S-PCLNL09 | | 9 | 25 | 20 | 13 | 18 | -6° | -11° | |
| A25T-PCLNL09 | | 9 | 32 | 25 | 17 | 23 | -6° | -10° | |
| A25T-PCLNL12 | | 12 | 32 | 25 | 17 | 23 | -6° | -10° | CN .. 1204 .. |
| A32T-PCLNL12 | | 12 | 40 | 32 | 22 | 30 | -6° | -11° | |
| A40T-PCLNL12 | | 12 | 50 | 40 | 27 | 37 | -6° | -10° | |
| A32T-PCLNL16 | | 16 | 55 | 32 | 22 | 30 | -6° | -10° | CN .. 1606 .. |
| A40T-PCLNL16 | | 16 | 58 | 40 | 27 | 37 | -6° | -10° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D_{min} [mm] | CN .. 0903 .. 20–32 | CN .. 1204 .. 32 | CN .. 1204 .. 40 | CN .. 1204 .. 50 | CN .. 1606 .. 55–58 |
|-------------------------------------|------------------------|--------------------------|-----------------------|----------------------|------------------------|
| Shim | | | AP134-CN1216 | AP134-CN1216 | AP135-CN1624 |
| Lever | KN126 | KN128 | KN121 | KN102 | KN104 |
| Clamping screw Tightening torque | FS2182 (SW 2) 2 Nm | FS332 (SW 2.5) 2.5 Nm | FS2129 (SW 3) 5 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm |
| Shim pin | | | RS102 | RS102 | RS103 |
| Tapered assembly pin | | | MD101 | MD101 | MD102 |
| Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

Accessories

| Type | CN .. 0903 .. | CN .. 1204 .. | CN .. 1606 .. |
|------|---------------|---------------|---------------|
| Shim | | AP134-CN1208 | AP135-CN1616 |

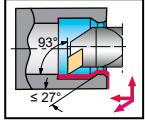
Boring bar – Rigid clamping


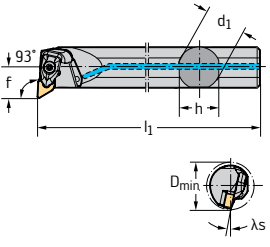
A...-DDUN

Walter Turn



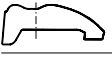



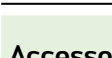






– A = Steel version with internal cooling



| Tool | Designation |  | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | γ | λ _s | Type |
|---|--------------|---|------------------------|----------------------|---------|---------|----------------------|-----|----------------|---------------|
| | | | | | | | | | | |
|  <p>Parallel shank with clamping surface</p> | A25T-DDUNR11 | 11 | 32 | 25 | 17 | 23 | 300 | -6° | -12° | DN .. 1104 .. |
| | A32T-DDUNR11 | 11 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | DN .. 1506 .. |
| | A32T-DDUNR15 | 15 | 40 | 32 | 22 | 30 | 300 | -6° | -14° | |
| | A40T-DDUNR15 | 15 | 50 | 40 | 27 | 37 | 300 | -6° | -11° | |
| | A50U-DDUNR15 | 15 | 63 | 50 | 35 | 47 | 350 | -6° | -8° | |
| | A25T-DDUNL11 | 11 | 32 | 25 | 17 | 23 | 300 | -6° | -12° | DN .. 1104 .. |
| | A32T-DDUNL11 | 11 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | DN .. 1506 .. |
| | A32T-DDUNL15 | 15 | 40 | 32 | 22 | 30 | 300 | -6° | -14° | |
| | A40T-DDUNL15 | 15 | 50 | 40 | 27 | 37 | 300 | -6° | -11° | |
| | A50U-DDUNL15 | 15 | 63 | 50 | 35 | 47 | 350 | -6° | -8° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [mm] | DN .. 1104 .. | DN .. 1506 .. |
|---|--------------------------------------|-------------------------|--------------------------|
| | | 32–40 | 40–63 |
|  | Shim | AP305-DN11 | AP304-DN15 |
|  | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
|  | Clamp | PK240 | PK241 |
|  | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
|  | Pressure spring | FS1469 | FS1470 |
|  | Pin | RS116 | RS117 |
|  | Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

| Accessories | Type | DN .. 1104 .. | DN .. 1506 .. |
|---|--|---------------|---------------|
| | | | |
|  | (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
|  | Insert without hole Carbide clamp set | | PK245-SET |
|  | Insert without hole Carbide clamp set | | PK254-SET |
|  | Shim for DN .. 1504 .. | | AP304-DN1504 |

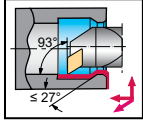
Boring bar – Rigid clamping

A...-DDUN inch

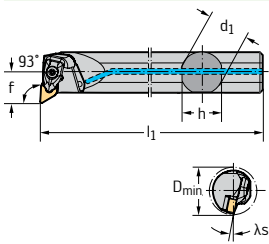
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|--|-------------------|---------------|-------------|-------------|---------------|----------|-------------|------------------------------|
| A12S-DDUNR3 | | 11 | 1.250 | 0.750 | 0.625 | 0.709 | -6° | | DN .. 1104 .. DN .. 33 .. |
| A16T-DDUNR3 | | 11 | 1.299 | 1.000 | 0.750 | 0.906 | -6° | -12° | |
| A16T-DDUNR4 | | 15 | 1.500 | 1.000 | 0.750 | 0.906 | -6° | -15° | DN .. 1506 .. DN .. 44 .. |
| A20T-DDUNR4 | | 15 | 1.705 | 1.250 | 1.000 | 1.181 | -6° | -13° | |
| A24T-DDUNR4 | | 15 | 2.000 | 1.500 | 1.125 | 1.374 | -6° | -11° | |
| A32U-DDUNR4 | | 15 | 2.677 | 2.000 | 1.500 | 1.874 | -6° | -8° | |
| A12S-DDUNL3 | | 11 | 1.250 | 0.750 | 0.625 | 0.709 | -6° | | DN .. 1104 .. DN .. 33 .. |
| A16T-DDUNL3 | | 11 | 1.299 | 1.000 | 0.750 | 0.906 | -6° | -12° | |
| A16T-DDUNL4 | | 15 | 1.500 | 1.000 | 0.750 | 0.906 | -6° | -15° | DN .. 1506 .. DN .. 44 .. |
| A20T-DDUNL4 | | 15 | 1.705 | 1.250 | 1.000 | 1.181 | -6° | -13° | |
| A24T-DDUNL4 | | 15 | 2.000 | 1.500 | 1.125 | 1.374 | -6° | -11° | |
| A32U-DDUNL4 | | 15 | 2.677 | 2.000 | 1.500 | 1.874 | -6° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} [inch] | DN .. 1104 .. DN .. 33 .. 1.25–1.299 | DN .. 1506 .. DN .. 44 .. 1.5–2.677 |
|--------------------------------------|------------------|--|---|
| Shim | | AP305-DN11 | AP304-DN15 |
| Screw for shim Tightening torque | | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs |
| Clamp | | PK240 | PK241 |
| Screw for clamp Tightening torque | | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs |
| Pressure spring | | FS1469 | FS1470 |
| Pin | | RS116 | RS117 |
| Torx key | | FS1466 (T9IP) | FS1465 (T15IP) |

Accessories

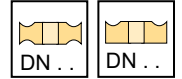
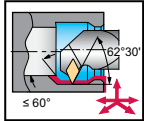
| Type | DN .. 1104 .. DN .. 33 .. | DN .. 1506 .. DN .. 44 .. |
|--|------------------------------|------------------------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert with hole Carbide clamp set | | PK245-SET |
| Shim | | AP304-DN1504 |
| Shim | | AP412-DN1507 |

Boring bar – Rigid clamping

A...-DDXN mm

Walter Turn

- A = Steel version with internal cooling
- Additional coolant hole for blind hole machining



| Tool | Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | l_{20} mm | γ | λ_s | Type |
|------|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------------|----------|-------------|---------------|
| | | | | | | | | | | | |
| | A32T-DDXNR11 | | 11 | 40 | 22 | 30 | 300 | 306.1 | -6° | -10° | DN .. 1104 .. |
| | A40T-DDXNR15 | | 15 | 50 | 27 | 37 | 300 | 308.5 | -6° | -11° | DN .. 1506 .. |
| | A32T-DDXNL11 | | 11 | 40 | 22 | 30 | 300 | 306.1 | -6° | -10° | DN .. 1104 .. |
| | A40T-DDXNL15 | | 15 | 50 | 27 | 37 | 300 | 308.5 | -6° | -11° | DN .. 1506 .. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | DN .. 1104 .. 40 | DN .. 1506 .. 50 |
|----------------|--------------------------------------|-------------------------|--------------------------|
| | Shim | AP305-DN11 | AP304-DN15 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK240 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1469 | FS1470 |
| | Pin | RS116 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

| Accessories | | DN .. 1104 .. | DN .. 1506 .. |
|-------------|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| | Insert without hole Carbide clamp set | | PK245-SET |
| | Insert without hole Carbide clamp set | | PK254-SET |
| | Shim for DN .. 1504 .. | | AP304-DN1504 |

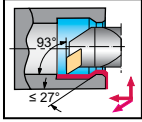
Boring bar – Lever clamping

A...-PDUN

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--------------|----|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| | A25T-PDUNR11 | 11 | 32 | 25 | 17 | 23 | 300 | -6° | -11° | DN .. 1104 .. |
| | A32T-PDUNR11 | 11 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | |
| | A40T-PDUNR11 | 11 | 50 | 40 | 27 | 37 | 300 | -6° | -11° | DN .. 1506 .. |
| | A32T-PDUNR15 | 15 | 40 | 32 | 22 | 30 | 300 | -6° | -12° | |
| A40T-PDUNR15 | 15 | 50 | 40 | 27 | 37 | 300 | -6° | -11° | | |
| | A25T-PDUNL11 | 11 | 32 | 25 | 17 | 23 | 300 | -6° | -11° | DN .. 1104 .. |
| | A32T-PDUNL11 | 11 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | |
| | A40T-PDUNL11 | 11 | 50 | 40 | 27 | 37 | 300 | -6° | -11° | DN .. 1506 .. |
| | A32T-PDUNL15 | 15 | 40 | 32 | 22 | 30 | 300 | -6° | -12° | |
| A40T-PDUNL15 | 15 | 50 | 40 | 27 | 37 | 300 | -6° | -11° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D_{min} [mm] | DN .. 1104 .. 32 | DN .. 1104 .. 40–50 | DN .. 1506 .. 40–50 |
|----------------|-------------------------------------|----------------------|------------------------|------------------------|
| | Shim | | AP171-DN1112 | AP145-DN1516 |
| | Lever | KN120 | KN119 | KN103 |
| | Clamping screw Tightening torque | FS905 (SW 2) 2 Nm | FS351 (SW 2.5) 2 Nm | FS355 (SW 3) 5 Nm |
| | Shim pin | | RS101 | RS102 |
| | Tapered assembly pin | | MD101 | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) |

| Accessories | Type | DN .. 1104 .. | DN .. 1506 .. |
|-------------|------------------------|---------------|---------------|
| | Shim | AP171-DN1108 | AP145-DN1508 |
| | Shim for DN .. 1504 .. | | AP357-DN1508 |
| | Shim for DN .. 1504 .. | | AP357-DN1516 |

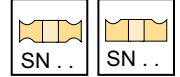
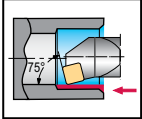
Boring bar – Rigid clamping

A...-DSKN

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | γ | λ _s | Type |
|---|--------------|----|------------------------|----------------------|---------|---------|----------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| <p>Parallel shank with clamping surface</p> | A25T-DSKNR12 | 12 | 32 | 25 | 17 | 23 | 300 | -6° | -11° | SN .. 1204 .. |
| | A32T-DSKNR12 | 12 | 40 | 32 | 22 | 30 | 300 | -6° | -9° | |
| | A40T-DSKNR12 | 12 | 50 | 40 | 27 | 37 | 300 | -6° | -13° | |
| | A40T-DSKNR15 | 15 | 50 | 40 | 27 | 37 | 300 | -6° | -14° | SN .. 1506 .. |
| | A25T-DSKNL12 | 12 | 32 | 25 | 17 | 23 | 300 | -6° | -11° | SN .. 1204 .. |
| | A32T-DSKNL12 | 12 | 40 | 32 | 22 | 30 | 300 | -6° | -9° | |
| | A40T-DSKNL12 | 12 | 50 | 40 | 27 | 37 | 300 | -6° | -13° | |
| | A40T-DSKNL15 | 15 | 50 | 40 | 27 | 37 | 300 | -6° | -14° | SN .. 1506 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | SN .. 1204 .. 32–40 | SN .. 1204 .. 50 | SN .. 1506 .. 50 |
|----------------|--------------------------------------|-----------------------|--------------------------|--------------------------|--------------------------|
| | Shim | D _{min} [mm] | AP355-SN12 | AP308-SN12 | AP309-SN15 |
| | Screw for shim Tightening torque | | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | | PK241 | PK241 | PK242 |
| | Screw for clamp Tightening torque | | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | | FS1470 | FS1470 | FS1471 |
| | Pin | | RS117 | RS117 | RS117 |
| | Torx key | | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | | FS1464 (T20IP) |

| Accessories | | Type | SN .. 1204 .. | SN .. 1506 .. |
|-------------|--|------|---------------|---------------|
| | (standard assembly parts) Clamp set | | PK241-SET | PK242-SET |
| | Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| | Insert with hole Carbide clamp set | | PK254-SET | |

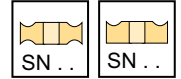
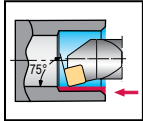
Boring bar – Lever clamping

A...-PSKN

Walter Turn



– A = Steel version with internal cooling



Tool

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A25T-PSKNR12 | | 12 | 32 | 25 | 17 | 23 | -6° | -11° | SN .. 1204 .. |
| A32T-PSKNR12 | | 12 | 40 | 32 | 22 | 30 | -6° | -10° | |
| A25T-PSKNL12 | | 12 | 32 | 25 | 17 | 23 | -6° | -11° | SN .. 1204 .. |
| A32T-PSKNL12 | | 12 | 40 | 32 | 22 | 30 | -6° | -10° | |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | SN .. 1204 .. 32 | SN .. 1204 .. 40 |
|------|-------------------------------------|--------------------------|-----------------------|
| | Shim | | AP141-SN1216 |
| | Lever | KN128 | KN121 |
| | Clamping screw Tightening torque | FS332 (SW 2.5) 2.5 Nm | FS2129 (SW 3) 5 Nm |
| | Shim pin | | RS102 |
| | Tapered assembly pin | | MD101 |
| | Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) |

Accessories

| Type | Type | SN .. 1204 .. |
|------|------|---------------|
| | Shim | AP141-SN1208 |

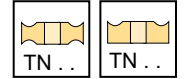
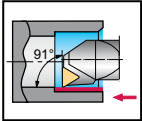
Boring bar – Rigid clamping

A...-DTFN

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | γ | λ _s | Type |
|--|--------------|----|------------------------|----------------------|---------|---------|----------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| Parallel shank with clamping surface | A25T-DTFNR16 | 16 | 32 | 25 | 17 | 23 | 300 | -6° | -12° | TN .. 1604 .. |
| | A32T-DTFNR16 | 16 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | |
| | A40T-DTFNR16 | 16 | 50 | 40 | 27 | 37 | 300 | -6° | -8° | |
| | A40T-DTFNR22 | 22 | 50 | 40 | 27 | 37 | 300 | -6° | -13° | TN .. 2204 .. |
| | A50U-DTFNR22 | 22 | 63 | 50 | 35 | 47 | 350 | -6° | -10° | |
| | A25T-DTFNL16 | 16 | 32 | 25 | 17 | 23 | 300 | -6° | -12° | TN .. 1604 .. |
| | A32T-DTFNL16 | 16 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | |
| | A40T-DTFNL16 | 16 | 50 | 40 | 27 | 37 | 300 | -6° | -8° | |
| | A40T-DTFNL22 | 22 | 50 | 40 | 27 | 37 | 300 | -6° | -13° | TN .. 2204 .. |
| | A50U-DTFNL22 | 22 | 63 | 50 | 35 | 47 | 350 | -6° | -10° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [mm] | TN .. 1604 .. 32–50 | TN .. 2204 .. 50–63 |
|----------------|--------------------------------------|-------------------------|--------------------------|
| | Shim | AP356-TN16 | AP322-TN22 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | PK240 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | FS1469 | FS1470 |
| | Pin | RS116 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

| Accessories | Type | TN .. 1604 .. | TN .. 2204 .. |
|-------------|--|---------------|---------------|
| | (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| | Insert without hole Carbide clamp set | | PK245-SET |
| | Insert without hole Carbide clamp set | | PK254-SET |

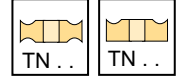
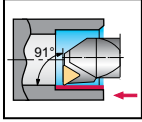
Boring bar – Rigid clamping

A...-DTFN inch

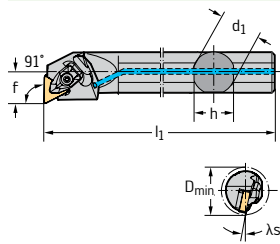
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|----|-------------------|---------------|-------------|-------------|---------------|----------|-------------|------------------------------|
| A12S-DTFNR3 | 16 | 1.024 | 0.750 | 0.500 | 0.709 | 10.000 | -6° | -14° | TN .. 1604 .. TN .. 33 .. |
| A16T-DTFNR3 | 16 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | -6° | -12° | |
| A20T-DTFNR3 | 16 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | -6° | -11° | |
| A24T-DTFNR4 | 22 | 1.760 | 1.500 | 0.890 | 1.374 | 12.000 | -6° | -15° | TN .. 2204 .. TN .. 43 .. |
| A32U-DTFNR4 | 22 | 2.402 | 2.000 | 1.281 | 1.874 | 14.000 | -6° | | |
| A12S-DTFNL3 | 16 | 1.024 | 0.750 | 0.500 | 0.709 | 10.000 | -6° | -14° | TN .. 1604 .. TN .. 33 .. |
| A16T-DTFNL3 | 16 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | -6° | -12° | |
| A20T-DTFNL3 | 16 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | -6° | -11° | |
| A24T-DTFNL4 | 22 | 1.760 | 1.500 | 0.890 | 1.374 | 12.000 | -6° | -15° | TN .. 2204 .. TN .. 43 .. |
| A32U-DTFNL4 | 22 | 2.402 | 2.000 | 1.281 | 1.874 | 14.000 | -6° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} (inch) | TN .. 1604 .. TN .. 33 .. 1.024–1.469 | TN .. 2204 .. TN .. 43 .. 1.76–2.402 |
|--------------------------------------|------------------|---|--|
| Shim | | AP356-TN16 | AP322-TN22 |
| Screw for shim Tightening torque | | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs |
| Clamp | | PK240 | PK241 |
| Screw for clamp Tightening torque | | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs |
| Pressure spring | | FS1469 | FS1470 |
| Pin | | RS116 | RS117 |
| Torx key | | FS1466 (T9IP) | FS1465 (T15IP) |

Accessories

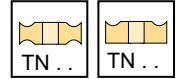
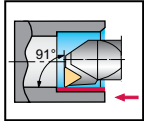
| Type | TN .. 1604 .. TN .. 33 .. | TN .. 2204 .. TN .. 43 .. |
|--|------------------------------|------------------------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert with hole Carbide clamp set | | PK245-SET |

Boring bar – Lever clamping

A...-PTFN

Walter Turn

– A = Steel version with internal cooling



| Tool | Designation | | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | γ | λ _s | Type |
|---|--------------|----|------------------------|----------------------|---------|---------|----------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| <p>Parallel shank with clamping surface</p> | A16R-PTFNR11 | 11 | 20 | 16 | 11 | 15 | 200 | -6° | -14° | TN .. 1103 .. |
| | A20S-PTFNR11 | 11 | 25 | 20 | 13 | 18 | 250 | -6° | -12° | TN .. 1604 .. |
| | A25T-PTFNR16 | 16 | 32 | 25 | 17 | 23 | 300 | -6° | -13° | |
| | A32T-PTFNR16 | 16 | 50 | 32 | 22 | 30 | 300 | -6° | -12° | |
| | A16R-PTFNL11 | 11 | 20 | 16 | 11 | 15 | 200 | -6° | -14° | TN .. 1103 .. |
| | A20S-PTFNL11 | 11 | 25 | 20 | 13 | 18 | 250 | -6° | -12° | TN .. 1604 .. |
| | A25T-PTFNL16 | 16 | 32 | 25 | 17 | 23 | 300 | -6° | -13° | |
| | A32T-PTFNL16 | 16 | 50 | 32 | 22 | 30 | 300 | -6° | -12° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 110304 / TN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | TN .. 1103 .. 20–25 | TN .. 1604 .. 32–50 |
|----------------|-------------------------------------|------------------------|-------------------------------|
| | Shim | | AP137-TN1616 |
| | Lever | KN127 | KN101 |
| | Clamping screw Tightening torque | FS2182 (SW 2) 2 Nm | FS351 (SW 2.5) 2 Nm |
| | Shim pin | | RS101 |
| | Tapered assembly pin | | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) |
| Accessories | | | |
| | Shim | TN .. 1103 .. | TN .. 1604 .. AP137-TN1608 |

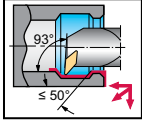
Boring bar – Rigid clamping

A...-DVUN

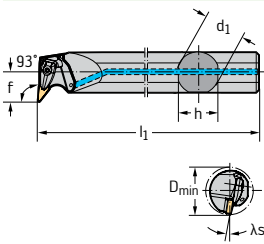
Walter Turn



– A = Steel version with internal cooling



Tool



| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A40T-DVUNR16 | | 16 | 50 | 40 | 27 | 37 | -6° | -9° | VN .. 1604 .. |
| A40T-DVUNL16 | | 16 | 50 | 40 | 27 | 37 | -6° | -9° | VN .. 1604 .. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} [mm] | VN .. 1604 .. 50 |
|--------------------------------------|----------------|--------------------------|
| Shim | | AP312-VN16 |
| Screw for shim Tightening torque | | FS1467 (T15IP) 3 Nm |
| Clamp | | PK244 |
| Screw for clamp Tightening torque | | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | | FS1470 |
| Pin | | RS117 |
| Torx key | | FS1465 (T15IP) |

Accessories

| Type | VN .. 1604 .. |
|--|---------------|
| (standard assembly parts) Clamp set | PK244-SET |

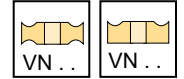
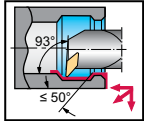
Boring bar – Rigid clamping

A...-DVUN inch

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D _{min} inch | d ₁ inch | f inch | h inch | l ₁ inch | γ | λ _s | Type |
|------|-------------|----|--------------------------|------------------------|-----------|-----------|------------------------|-----|----------------|------------------------------|
| | | | | | | | | | | |
| | A20T-DVUNR3 | 16 | 1.705 | 1.250 | 1.000 | 1.181 | 12.000 | -6° | -9° | VN .. 1604 .. VN .. 33 .. |
| | A24T-DVUNR3 | 16 | 2.000 | 1.500 | 1.125 | 1.374 | 12.000 | -6° | -8° | |
| | A20T-DVUNL3 | 16 | 1.705 | 1.250 | 1.000 | 1.181 | 12.000 | -6° | -9° | VN .. 1604 .. VN .. 33 .. |
| | A24T-DVUNL3 | 16 | 2.000 | 1.500 | 1.125 | 1.374 | 12.000 | -6° | -8° | |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert:VN .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type | D _{min} [inch] | VN .. 1604 .. VN .. 33 .. 1.705–2 |
|----------------|--------------------------------------|-------------------------|---|
| | Shim | | AP312-VN16 |
| | Screw for shim Tightening torque | | FS1467 (T15IP) 2.213 lbs |
| | Clamp | | PK244 |
| | Screw for clamp Tightening torque | | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | | FS1470 |
| | Pin | | RS117 |
| | Torx key | | FS1465 (T15IP) |

| Accessories | Type | VN .. 1604 .. VN .. 33 .. |
|-------------|--|------------------------------|
| | (standard assembly parts) Clamp set | PK244-SET |

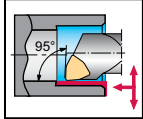
Boring bar – Rigid clamping

A...-DWLN

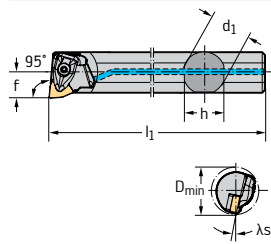
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|---------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A25T-DWLNRO6 | | 6 | 32 | 17 | 23 | 300 | -6° | -14° | WN .. 0604 .. |
| A32T-DWLNRO6 | | 6 | 40 | 22 | 30 | 300 | -6° | -11° | |
| A25T-DWLNRO8 | | 8 | 32 | 17 | 23 | 300 | -6° | -12° | WN .. 0804 .. |
| A32T-DWLNRO8 | | 8 | 40 | 22 | 30 | 300 | -6° | -10° | |
| A40T-DWLNRO8 | | 8 | 50 | 27 | 37 | 300 | -6° | -13° | |
| A50U-DWLNRO8 | | 8 | 63 | 35 | 47 | 350 | -6° | -11° | |
| A40T-DWLNRO10 | | 10 | 50 | 27 | 37 | 300 | -6° | -16° | WN .. 1006 .. |
| A25T-DWLNLO6 | | 6 | 32 | 17 | 23 | 300 | -6° | -14° | WN .. 0604 .. |
| A32T-DWLNLO6 | | 6 | 40 | 22 | 30 | 300 | -6° | -11° | |
| A25T-DWLNLO8 | | 8 | 32 | 17 | 23 | 300 | -6° | -12° | WN .. 0804 .. |
| A32T-DWLNLO8 | | 8 | 40 | 22 | 30 | 300 | -6° | -10° | |
| A40T-DWLNLO8 | | 8 | 50 | 27 | 37 | 300 | -6° | -13° | |
| A50U-DWLNLO8 | | 8 | 63 | 35 | 47 | 350 | -6° | -11° | |
| A40T-DWLNLO10 | | 10 | 50 | 27 | 37 | 300 | -6° | -16° | WN .. 1006 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} [mm] | WN .. 0604 .. 32–40 | WN .. 0804 .. 32–40 | WN .. 0804 .. 50–63 | WN .. 1006 .. 50 |
|------|--------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| | Shim | AP306-WN06 | AP331-WN08 | AP307-WN08 | AP311-WN10 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK240 | PK241 | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1469 | FS1470 | FS1470 | FS1471 |
| | Pin | RS116 | RS117 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | | FS1464 (T20IP) |

Accessories

| Type | WN .. 0604 .. | WN .. 0804 .. | WN .. 1006 .. |
|--|---------------|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| Insert with hole Carbide clamp set | | PK254-SET | |

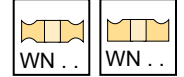
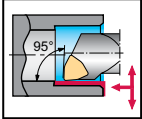
Boring bar – Rigid clamping

A...-DWLN inch

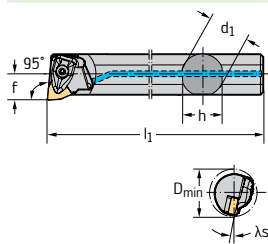
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|--|-------------------|---------------|-------------|-------------|---------------|----------|-------------|------------------------------|
| A16T-DWLN3 | | 6 | 1.299 | 1.000 | 0.750 | 0.906 | -6° | -14° | WN .. 0604 .. WN .. 33 .. |
| A20T-DWLN3 | | 6 | 1.705 | 1.250 | 1.000 | 1.181 | -6° | -10° | |
| A16T-DWLN4 | | 8 | 1.299 | 1.000 | 0.750 | 0.906 | -6° | -12° | WN .. 0804 .. WN .. 43 .. |
| A20T-DWLN4 | | 8 | 1.705 | 1.250 | 1.000 | 1.181 | -6° | -15° | |
| A24T-DWLN4 | | 8 | 2.000 | 1.500 | 1.000 | 1.374 | -6° | -13° | |
| A32U-DWLN4 | | 8 | 2.500 | 2.000 | 1.325 | 1.874 | -6° | -11° | |
| A16T-DWLN3 | | 6 | 1.299 | 1.000 | 0.750 | 0.906 | -6° | -14° | WN .. 0604 .. WN .. 33 .. |
| A20T-DWLN3 | | 6 | 1.705 | 1.250 | 1.000 | 1.181 | -6° | -10° | |
| A16T-DWLN4 | | 8 | 1.299 | 1.000 | 0.750 | 0.906 | -6° | -12° | WN .. 0804 .. WN .. 43 .. |
| A20T-DWLN4 | | 8 | 1.705 | 1.250 | 1.000 | 1.181 | -6° | -15° | |
| A24T-DWLN4 | | 8 | 2.000 | 1.500 | 1.000 | 1.374 | -6° | -13° | |
| A32U-DWLN4 | | 8 | 2.500 | 2.000 | 1.325 | 1.874 | -6° | -11° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} [inch] | WN .. 0604 .. WN .. 33 .. 1.299–1.705 | WN .. 0804 .. WN .. 43 .. 1.299–1.705 | WN .. 0804 .. WN .. 43 .. 2–2.5 |
|------|--------------------------------------|---|---|---------------------------------------|
| | Shim | AP306-WN06 | AP307-WN08 | AP331-WN08 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.106 lbs | FS1461 (T15IP) 1.844 lbs | FS1461 (T15IP) 1.844 lbs |
| | Clamp | PK240 | PK241 | PK241 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.254 lbs | FS1473 (T15IP) 2.876 lbs | FS1473 (T15IP) 2.876 lbs |
| | Pressure spring | FS1469 | FS1470 | FS1470 |
| | Pin | RS116 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

| Type | WN .. 0604 .. WN .. 33 .. | WN .. 0804 .. WN .. 43 .. |
|--|------------------------------|------------------------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert with hole Carbide clamp set | | PK245-SET |

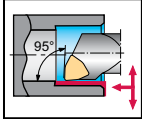
Boring bar – Lever clamping

A...-PWLN

Walter Turn



– A = Steel version with internal cooling



| Tool | Designation | | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | γ | λ _s | Type |
|------|-------------|---|------------------------|----------------------|---------|---------|----------------------|-----|----------------|---------------|
| | | | | | | | | | | |
| | A20S-PWLN06 | 6 | 25 | 20 | 13 | 18 | 250 | -6° | -15° | WN .. 0604 .. |
| | A25T-PWLN06 | 6 | 32 | 25 | 17 | 23 | 300 | -6° | -12° | WN .. 0804 .. |
| | A25T-PWLN08 | 8 | 32 | 25 | 17 | 23 | 300 | -6° | -10° | |
| | A32T-PWLN08 | 8 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | |
| | A20S-PWLN06 | 6 | 25 | 20 | 13 | 18 | 250 | -6° | -15° | WN .. 0604 .. |
| | A25T-PWLN06 | 6 | 32 | 25 | 17 | 23 | 300 | -6° | -12° | WN .. 0804 .. |
| | A25T-PWLN08 | 8 | 32 | 25 | 17 | 23 | 300 | -6° | -10° | |
| | A32T-PWLN08 | 8 | 40 | 32 | 22 | 30 | 300 | -6° | -10° | |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [mm] | WN .. 0604 .. 25–32 | WN .. 0804 .. 32 | WN .. 0804 .. 40 |
|----------------|-------------------------------------|------------------------|--------------------------|----------------------|
| | Shim | | | AP170-WN0816 |
| | Lever | KN108 | KN128 | KN102 |
| | Clamping screw Tightening torque | FS331 (SW 2) 2 Nm | FS332 (SW 2.5) 2.5 Nm | FS352 (SW 3) 5 Nm |
| | Shim pin | | | RS102 |
| | Tapered assembly pin | | | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) |

| Accessories | Type | WN .. 0604 .. | WN .. 0804 .. |
|-------------|------|---------------|---------------|
| | Shim | | AP170-WN0808 |

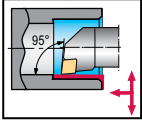
Boring bar – Screw clamping

A...-SCLC

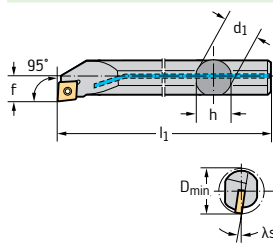
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type | |
|--------------|--|-----------------|-------------|---------|---------|-------------|----------|-------------|--------|---------------|
| A08H-SCLCR06 | | 6 | 10 | 8 | 5 | 7 | 100 | 0° | -13.8° | CC .. 0602 .. |
| A10K-SCLCR06 | | 6 | 12 | 10 | 6 | 9 | 125 | 0° | -10.9° | |
| A12M-SCLCR06 | | 6 | 16 | 12 | 9 | 11 | 150 | 0° | -7.3° | |
| A16R-SCLCR09 | | 9 | 20 | 16 | 11 | 15 | 200 | 0° | -8.4° | CC .. 09T3 .. |
| A20S-SCLCR09 | | 9 | 25 | 20 | 13 | 18 | 250 | 0° | -5.8° | |
| A25T-SCLCR09 | | 9 | 32 | 25 | 17 | 23 | 300 | 0° | -3.4° | |
| A25T-SCLCR12 | | 12 | 32 | 25 | 17 | 23 | 300 | 0° | -4.6° | CC .. 1204 .. |
| A32T-SCLCR12 | | 12 | 40 | 32 | 22 | 30 | 300 | 0° | -9.8° | |
| A08H-SCLCL06 | | 6 | 10 | 8 | 5 | 7 | 100 | 0° | -13.8° | CC .. 0602 .. |
| A10K-SCLCL06 | | 6 | 12 | 10 | 6 | 9 | 125 | 0° | -10.9° | |
| A12M-SCLCL06 | | 6 | 16 | 12 | 9 | 11 | 150 | 0° | -7.3° | |
| A16R-SCLCL09 | | 9 | 20 | 16 | 11 | 15 | 200 | 0° | -8.4° | CC .. 09T3 .. |
| A20S-SCLCL09 | | 9 | 25 | 20 | 13 | 18 | 250 | 0° | -5.8° | |
| A25T-SCLCL09 | | 9 | 32 | 25 | 17 | 23 | 300 | 0° | -3.4° | |
| A25T-SCLCL12 | | 12 | 32 | 25 | 17 | 23 | 300 | 0° | -4.6° | CC .. 1204 .. |
| A32T-SCLCL12 | | 12 | 40 | 32 | 22 | 30 | 300 | 0° | -9.8° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D_{min} [mm] | CC .. 0602 .. 10–16 | CC .. 09T3 .. 20–25 | CC .. 09T3 .. 32 | CC .. 1204 .. 32 | CC .. 1204 .. 40 |
|--|-------------------------|------------------------|------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2066 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm | FS2064 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm |
| Shim | | | | | AP314-CC1212 |
| Screw for shim | | | | | FS2069 (SW 4) |
| Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1496 (T15IP) | FS1496 (T15IP) |

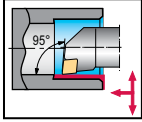
Boring bar – Screw clamping

A...-SCLC...-R


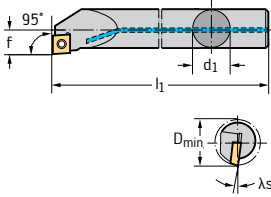
Walter Turn



– A = Steel version with internal cooling


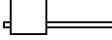


Tool

| Designation |  | D_{min} mm | d_1 mm | f mm | l_1 mm | γ | λ_s | Type | |
|----------------|---|-----------------|-------------|-----------|-------------|----------|-------------|--------|---------------|
| A08H-SCLCR06-R |  | 6 | 10 | 8 | 5 | 100 | 0° | -13.8° | CC .. 0602 .. |
| A10K-SCLCR06-R | | 6 | 12 | 10 | 6 | 125 | 0° | -10.9° | |
| A12M-SCLCR06-R | | 6 | 16 | 12 | 9 | 150 | 0° | -7.3° | |
| A16R-SCLCR09-R | | 9 | 20 | 16 | 11 | 200 | 0° | -8.4° | CC .. 09T3 .. |
| A20S-SCLCR09-R | | 9 | 25 | 20 | 13 | 250 | 0° | -5.8° | |
| A08H-SCLCL06-R | | 6 | 10 | 8 | 5 | 100 | 0° | -13.8° | CC .. 0602 .. |
| A10K-SCLCL06-R | | 6 | 12 | 10 | 6 | 125 | 0° | -10.9° | |
| A12M-SCLCL06-R | | 6 | 16 | 12 | 9 | 150 | 0° | -7.3° | |
| A16R-SCLCL09-R | | 9 | 20 | 16 | 11 | 200 | 0° | -8.4° | CC .. 09T3 .. |
| A20S-SCLCL09-R | | 9 | 25 | 20 | 13 | 250 | 0° | -5.8° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | CC .. 0602 .. 10–16 | CC .. 09T3 .. 20–25 |
|---|--|-------------------------|------------------------|
|  | Clamping screw for indexable insert Tightening torque | FS2066 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm |
|  | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

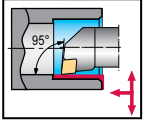
Boring bar – Screw clamping

E...-SCLC...-R

Walter Turn



– E = Solid carbide version with internal cooling



| Tool | Designation | | D _{min} mm | d ₁ mm | f mm | l ₁ mm | γ | λ _s | Type | |
|-----------------------|----------------|--|------------------------|----------------------|---------|----------------------|-----|----------------|--------|---------------|
| | | | | | | | | | | |
| Cylindrical shank | E08K-SCLCR06-R | | 6 | 10 | 8 | 5 | 125 | 0° | -13.8° | CC .. 0602 .. |
| | E10M-SCLCR06-R | | 6 | 12 | 10 | 6 | 150 | 0° | -10.9° | |
| | E12Q-SCLCR06-R | | 6 | 16 | 12 | 9 | 180 | 0° | -7.3° | |
| | E16R-SCLCR09-R | | 9 | 20 | 16 | 11 | 200 | 0° | -8.4° | CC .. 09T3 .. |
| | E20S-SCLCR09-R | | 9 | 25 | 20 | 13 | 220 | 0° | -6° | |
| | E25T-SCLCR09-R | | 9 | 32 | 25 | 17 | 270 | 0° | -3° | |
| | E08K-SCLCL06-R | | 6 | 10 | 8 | 5 | 125 | 0° | -13.8° | CC .. 0602 .. |
| | E10M-SCLCL06-R | | 6 | 12 | 10 | 6 | 150 | 0° | -10.9° | |
| | E12Q-SCLCL06-R | | 6 | 16 | 12 | 9 | 180 | 0° | -7.3° | |
| | E16R-SCLCL09-R | | 9 | 20 | 16 | 11 | 200 | 0° | -8.4° | CC .. 09T3 .. |
| | E20S-SCLCL09-R | | 9 | 25 | 20 | 13 | 220 | 0° | -6° | |
| | E25T-SCLCL09-R | | 9 | 32 | 25 | 17 | 270 | 0° | -3° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [mm] | Type | | |
|--|-------------------------------|-------------------------|------------------------|------------------------|
| | | CC .. 0602 .. 10–16 | CC .. 09T3 .. 20–25 | CC .. 09T3 .. 32 |
| Clamping screw for indexable insert Tightening torque | | FS2066 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm |
| Torx key | | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

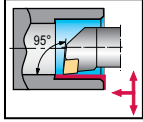
Boring bar – Screw clamping

A...-SCLC inch

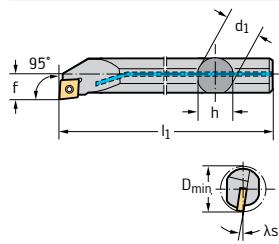
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type | |
|-------------|--|-------------------|---------------|-----------|-----------|---------------|----------|-------------|----------|----------------------------------|
| A06M-SCLCR2 | | 6 | 0.48 | 0.375 | 0.250 | 0.336 | 6.000 | 0° | -10.696° | CC .. 0602 .. CC .. 2(1.5) .. |
| A08M-SCLCR2 | | 6 | 0.598 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -7.86° | |
| A10R-SCLCR2 | | 6 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -5.34° | |
| A10R-SCLCR3 | | 9 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -8.696° | CC .. 09T3 .. CC .. 3(2.5) .. |
| A12S-SCLCR3 | | 9 | 0.929 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -6.371° | |
| A16T-SCLCR3 | | 9 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -3.834° | |
| A16T-SCLCR4 | | 12 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -5.103° | CC .. 1204 .. CC .. 43 .. |
| A20T-SCLCR4 | | 12 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | 0° | -10.738° | |
| A06M-SCLCL2 | | 6 | 0.48 | 0.375 | 0.250 | 0.336 | 6.000 | 0° | -10.696° | CC .. 0602 .. CC .. 2(1.5) .. |
| A08M-SCLCL2 | | 6 | 0.598 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -7.86° | |
| A10R-SCLCL2 | | 6 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -5.34° | |
| A10R-SCLCL3 | | 9 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -8.696° | CC .. 09T3 .. CC .. 3(2.5) .. |
| A12S-SCLCL3 | | 9 | 0.929 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -6.371° | |
| A16T-SCLCL3 | | 9 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -3.834° | |
| A16T-SCLCL4 | | 12 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -5.103° | CC .. 1204 .. CC .. 43 .. |
| A20T-SCLCL4 | | 12 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | 0° | -10.738° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} [inch] | CC .. 0602 .. CC .. 2(1.5) .. 0.48 | CC .. 0602 .. CC .. 2(1.5) .. 0.598–0.772 | CC .. 09T3 .. CC .. 3(2.5) .. 0.772 | CC .. 09T3 .. CC .. 3(2.5) .. 0.929–1.201 | CC .. 1204 .. CC .. 43 .. 1.201 | CC .. 1204 .. CC .. 43 .. 1.469 |
|--|------------------|--|---|---|---|---------------------------------------|---------------------------------------|
| Clamping screw for indexable insert Tightening torque | | FS2066 (T7IP) 0.664 lbs | FS2061 (T7IP) 0.664 lbs | FS2062 (T15IP) 2.213 lbs | FS2063 (T15IP) 2.213 lbs | FS2064 (T15IP) 2.213 lbs | FS2065 (T15IP) 2.213 lbs |
| Shim | | | | | | | AP314-CC1212 |
| Clamping screw for shim | | | | | | | FS2069 (SW 4) |
| Torx key | | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1496 (T15IP) | FS1496 (T15IP) |

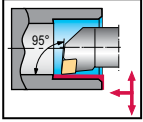
Boring bar – Screw clamping

E...-SCLC inch

Walter Turn



– E = Solid carbide version with internal cooling



| Tool | Designation | | D _{min} inch | d ₁ inch | f inch | l ₁ inch | γ | λ _s | Type |
|---|-------------|---|--------------------------|------------------------|-----------|------------------------|----|----------------|----------------------------------|
| | | | | | | | | | |
| <p>Parallel shank with clamping surface</p> | E06M-SCLCR2 | 6 | 0.48 | 0.375 | 0.250 | 6.000 | 0° | -10.696° | CC .. 0602 .. CC .. 2(1.5) .. |
| | E08R-SCLCR2 | 6 | 0.598 | 0.500 | 0.312 | 8.000 | 0° | -7.86° | |
| | E10R-SCLCR2 | 6 | 0.772 | 0.625 | 0.406 | 8.000 | 0° | -5.34° | |
| | E12S-SCLCR3 | 9 | 0.929 | 0.750 | 0.500 | 10.000 | 0° | -6.371° | CC .. 09T3 .. CC .. 3(2.5) .. |
| | E16T-SCLCR3 | 9 | 1.201 | 1.000 | 0.640 | 12.000 | 0° | -3.834° | |
| | E06M-SCLCL2 | 6 | 0.48 | 0.375 | 0.250 | 6.000 | 0° | -10.696° | CC .. 0602 .. CC .. 2(1.5) .. |
| | E08R-SCLCL2 | 6 | 0.598 | 0.500 | 0.312 | 8.000 | 0° | -7.86° | |
| | E10R-SCLCL2 | 6 | 0.772 | 0.625 | 0.406 | 8.000 | 0° | -5.34° | |
| | E12S-SCLCL3 | 9 | 0.929 | 0.750 | 0.500 | 10.000 | 0° | -6.371° | CC .. 09T3 .. CC .. 3(2.5) .. |
| | E16T-SCLCL3 | 9 | 1.201 | 1.000 | 0.640 | 12.000 | 0° | -3.834° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

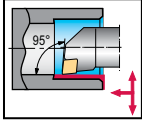
| Assembly parts | Type D _{min} [inch] | CC .. 0602 .. CC .. 2(1.5) .. 0.48–0.598 | CC .. 0602 .. CC .. 2(1.5) .. 0.772 | CC .. 09T3 .. CC .. 3(2.5) .. 0.929 | CC .. 09T3 .. CC .. 3(2.5) .. 1.201 |
|----------------|---------------------------------|--|--|---|---|
| | | | Clamping screw for indexable insert Tightening torque | FS2066 (T7IP) 0.664 lbs | FS2061 (T7IP) 0.664 lbs |
| | Torx key | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Boring bar – Screw clamping

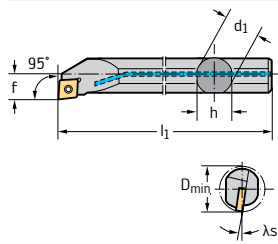
A...-SCLP inch

Walter Turn

- A = Steel version with internal cooling
- E = Solid carbide version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|---|-------------------|---------------|-------------|-------------|---------------|----------|-------------|----------------------------------|
| A05K-SCLPR2 | 6 | 0.413 | 0.312 | 0.219 | 0.272 | 5.000 | 0° | -9° | CP .. 0602 .. CP .. 2(1.5) .. |
| A06M-SCLPR2 | 6 | 0.48 | 0.375 | 0.250 | 0.336 | 6.000 | 4° | -6.5° | |
| A08M-SCLPR2 | 6 | 0.598 | 0.500 | 0.312 | 0.460 | 6.000 | 6° | -2.58° | |
| A10R-SCLPR2 | 6 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | 5° | |
| A12S-SCLPR3 | 9 | 0.929 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -6.3° | CP .. 09T3 .. CP .. 3(2.5) .. |
| A16T-SCLPR3 | 9 | 1.201 | 1.000 | 0.639 | 0.906 | 14.173 | 6° | 1° | |
| A05K-SCLPL2 | 6 | 0.413 | 0.312 | 0.219 | 0.272 | 5.000 | 0° | -9° | CP .. 0602 .. CP .. 2(1.5) .. |
| A06M-SCLPL2 | 6 | 0.48 | 0.375 | 0.250 | 0.336 | 6.000 | 4° | -6.5° | |
| A08M-SCLPL2 | 6 | 0.598 | 0.500 | 0.312 | 0.460 | 6.000 | 6° | -2.58° | |
| A10R-SCLPL2 | 6 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -5° | |
| A12S-SCLPL3 | 9 | 0.929 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -6.3° | CP .. 09T3 .. CP .. 3(2.5) .. |
| A16T-SCLPL3 | 9 | 1.201 | 1.000 | 0.639 | 0.906 | 14.173 | 0° | 1° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CP .. 060204 / CP .. 09T304 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D_{min} (inch) | CP .. 0602 .. CP .. 2(1.5) .. 0.413 | CP .. 0602 .. CP .. 2(1.5) .. 0.48-0.598 | CP .. 0602 .. CP .. 2(1.5) .. 0.772 | CP .. 09T3 .. CP .. 3(2.5) .. 0.929 | CP .. 09T3 .. CP .. 3(2.5) .. 1.201 |
|--|------------------|---|--|---|---|---|
| Clamping screw for indexable insert Tightening torque | | FS2187 (T7IP) 0.664 lbs | FS2066 (T7IP) 0.664 lbs | FS2061 (T7IP) 0.664 lbs | FS2062 (T15IP) 2.213 lbs | FS2063 (T15IP) 2.213 lbs |
| Torx key | | FS1490 (T7IP) | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

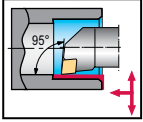
Boring bar – Screw clamping

E...-SCLP inch

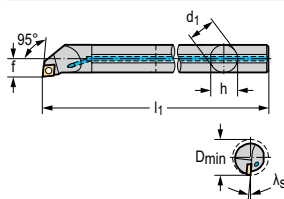
Walter Turn



– E = Solid carbide version with internal cooling



Tool



Designation



D_{min}
inch

d_1
inch

f
inch

l_1
inch

γ

λ_s

Type

| Designation | D_{min} inch | d_1 inch | f inch | l_1 inch | γ | λ_s | Type |
|-------------|-------------------|---------------|-------------|---------------|----------|-------------|-----------------|
| E06M-SCLPR2 | 6 | 0.48 | 0.375 | 0.250 | 6.000 | 4° | CP .. 0602 .. |
| E08R-SCLPR2 | 6 | 0.598 | 0.500 | 0.312 | 8.000 | 6° | CP .. 2(1.5) .. |
| E06M-SCLPL2 | 6 | 0.48 | 0.375 | 0.250 | 6.000 | 4° | CP .. 0602 .. |
| E08R-SCLPL2 | 6 | 0.598 | 0.500 | 0.312 | 8.000 | 6° | CP .. 2(1.5) .. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: CP .. 060204 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

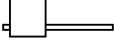
Type
 D_{min} [inch]

CP .. 0602 ..
CP .. 2(1.5) ..
0.48–0.598



Clamping screw for indexable insert
Tightening torque

FS2066 (T7IP)
0.664 lbs



Torx key

FS1490 (T7IP)

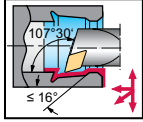
Boring bar – Screw clamping

A...-SDQC

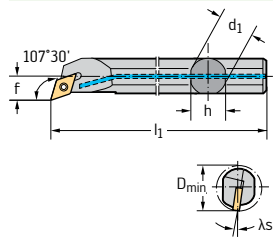
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A12M-SDQCR07 | | 7 | 16 | 9 | 11 | 150 | 0° | -7.1° | DC .. 0702 .. |
| A16R-SDQCR07 | | 7 | 20 | 11 | 15 | 200 | 0° | -4.9° | |
| A20S-SDQCR11 | | 11 | 25 | 13 | 18 | 250 | 0° | -5.9° | DC .. 11T3 .. |
| A25T-SDQCR11 | | 11 | 32 | 17 | 23 | 300 | 0° | -3.5° | |
| A12M-SDQCL07 | | 7 | 16 | 9 | 11 | 150 | 0° | -7.1° | DC .. 0702 .. |
| A16R-SDQCL07 | | 7 | 20 | 11 | 15 | 200 | 0° | -4.9° | |
| A20S-SDQCL11 | | 11 | 25 | 13 | 18 | 250 | 0° | -5.9° | DC .. 11T3 .. |
| A25T-SDQCL11 | | 11 | 32 | 17 | 23 | 300 | 0° | -3.5° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | DC .. 0702 .. 16–20 | DC .. 11T3 .. 25 | DC .. 11T3 .. 32 |
|--|------|-------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm |
| Torx key | | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

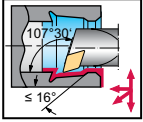
Boring bar – Screw clamping


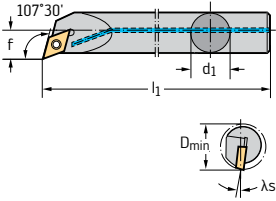
A...-SDQC...-R

Walter Turn


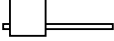


– A = Steel version with internal cooling



| Tool | Designation |  | D _{min} mm | d ₁ mm | f mm | l ₁ mm | γ | λ _s | Type |
|--|----------------|---|------------------------|----------------------|---------|----------------------|----|----------------|---------------|
| | | | | | | | | | |
|  Cylindrical shank | A12M-SDQCR07-R | 7 | 16 | 12 | 9 | 150 | 0° | -7.1° | DC .. 0702 .. |
| | A16R-SDQCR07-R | 7 | 20 | 16 | 11 | 200 | 0° | -4.9° | |
| | A20S-SDQCR11-R | 11 | 25 | 20 | 13 | 250 | 0° | -5.9° | DC .. 11T3 .. |
| | A12M-SDQCL07-R | 7 | 16 | 12 | 9 | 150 | 0° | -7.1° | DC .. 0702 .. |
| | A16R-SDQCL07-R | 7 | 20 | 16 | 11 | 200 | 0° | -4.9° | |
| | A20S-SDQCL11-R | 11 | 25 | 20 | 13 | 250 | 0° | -5.9° | DC .. 11T3 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [mm] | DC .. 0702 .. 16–20 | DC .. 11T3 .. 25 |
|---|-------------------------------|---|-------------------------|
| | |  Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm |
|  Torx key | | FS1490 (T7IP) | FS1465 (T15IP) |

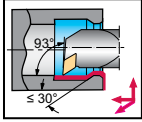
Boring bar – Screw clamping

A...-SDUC

Walter Turn

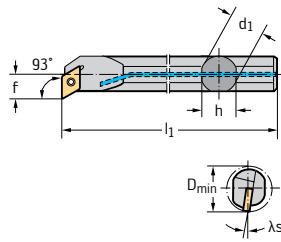


– A = Steel version with internal cooling



Tool

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A10K-SDUCR07 | | 7 | 13 | 7 | 9 | 125 | 0° | -9° | DC .. 0702 .. |
| A12M-SDUCR07 | | 7 | 16 | 9 | 11 | 150 | 0° | -6.5° | |
| A16R-SDUCR07 | | 7 | 20 | 11 | 15 | 200 | 0° | -4.3° | |
| A20S-SDUCR11 | | 11 | 25 | 13 | 18 | 250 | 0° | -5.8° | DC .. 11T3 .. |
| A25T-SDUCR11 | | 11 | 32 | 17 | 23 | 300 | 0° | -3.4° | |
| A32T-SDUCR11 | | 11 | 40 | 22 | 30 | 300 | 0° | -3° | |
| A10K-SDUCL07 | | 7 | 13 | 7 | 9 | 125 | 0° | -9° | DC .. 0702 .. |
| A12M-SDUCL07 | | 7 | 16 | 9 | 11 | 150 | 0° | -6.5° | |
| A16R-SDUCL07 | | 7 | 20 | 11 | 15 | 200 | 0° | -4.3° | |
| A20S-SDUCL11 | | 11 | 25 | 13 | 18 | 250 | 0° | -5.8° | DC .. 11T3 .. |
| A25T-SDUCL11 | | 11 | 32 | 17 | 23 | 300 | 0° | -3.4° | |
| A32T-SDUCL11 | | 11 | 40 | 22 | 30 | 300 | 0° | -3° | |



Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D_{min} [mm] | DC .. 0702 .. 13–20 | DC .. 11T3 .. 25 | DC .. 11T3 .. 32 | DC .. 11T3 .. 40 |
|--|-------------------------|------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| Shim | | | | AP315-DC1108 |
| Clamping screw for shim | | | | FS2068 (SW 3.5) |
| Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) |

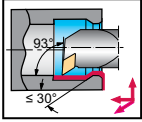
Boring bar – Screw clamping

A...-SDUC...-R

Walter Turn



– A = Steel version with internal cooling


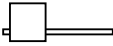


Tool

| | Designation |  | D_{min} mm | d_1 mm | f mm | l_1 mm | γ | λ_s | Type | |
|--|----------------|---|-----------------|-------------|-----------|-------------|----------|-------------|-------|---------------|
|  Cylindrical shank | A10K-SDUCR07-R | | 7 | 15 | 10 | 7 | 125 | 0° | -7° | DC .. 0702 .. |
| | A12M-SDUCR07-R | | 7 | 18 | 12 | 9 | 150 | 0° | -5° | |
| | A16R-SDUCR07-R | | 7 | 20 | 16 | 11 | 200 | 0° | -4.3° | |
| | A20S-SDUCR11-R | | 11 | 25 | 20 | 13 | 250 | 0° | -5.8° | DC .. 11T3 .. |
| | A10K-SDUCL07-R | | 7 | 15 | 10 | 7 | 125 | 0° | -7° | DC .. 0702 .. |
| | A12M-SDUCL07-R | | 7 | 18 | 12 | 9 | 150 | 0° | -5° | |
| | A16R-SDUCL07-R | | 7 | 20 | 16 | 11 | 200 | 0° | -4.3° | |
| | A20S-SDUCL11-R | | 11 | 25 | 20 | 13 | 250 | 0° | -5.8° | DC .. 11T3 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{min} [mm] | DC .. 0702 .. 15–20 | DC .. 11T3 .. 25 |
|---|--|-------------------------|------------------------|
|  | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm |
|  | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

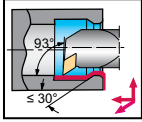
Boring bar – Screw clamping

E...-SDUC...-R

Walter Turn



– E = Solid carbide version with internal cooling



Tool

| | Designation | | D_{min} mm | d_1 mm | f mm | l_1 mm | γ | λ_s | Type |
|-----------------------|----------------|----|-----------------|-------------|-----------|-------------|----------|-------------|---------------|
| Cylindrical shank | E10M-SDUCR07-R | 7 | 15 | 10 | 9 | 150 | 0° | -7.2° | DC .. 0702 .. |
| | E12Q-SDUCR07-R | 7 | 18 | 12 | 11 | 180 | 0° | -5.3° | |
| | E16R-SDUCR07-R | 7 | 22 | 16 | 13 | 200 | 0° | -3.6° | |
| | E20S-SDUCR11-R | 11 | 25 | 20 | 13 | 220 | 0° | -6° | DC .. 11T3 .. |
| | E25T-SDUCR11-R | 11 | 32 | 25 | 17 | 270 | 0° | -3° | |
| | E10M-SDUCL07-R | 7 | 15 | 10 | 9 | 150 | 0° | -7.2° | DC .. 0702 .. |
| | E12Q-SDUCL07-R | 7 | 18 | 12 | 11 | 180 | 0° | -5.3° | |
| | E16R-SDUCL07-R | 7 | 22 | 16 | 13 | 200 | 0° | -3.6° | |
| | E20S-SDUCL11-R | 11 | 25 | 20 | 13 | 220 | 0° | -6° | DC .. 11T3 .. |
| | E25T-SDUCL11-R | 11 | 32 | 25 | 17 | 270 | 0° | -3° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

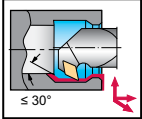
| | Type D_{min} [mm] | DC .. 0702 .. 15–22 | DC .. 11T3 .. 25 | DC .. 11T3 .. 32 |
|--|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Boring bar – Screw clamping

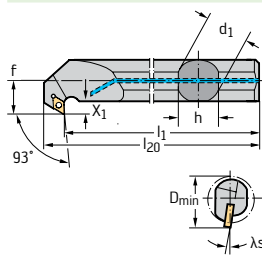
A...-SDUC...-X mm

Walter Turn

- A = Steel version with internal cooling
- Reverse copy boring bar



Tool



| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | l_{20} mm | γ | λ_s | Type | |
|----------------|--|-----------------|-------------|---------|---------|-------------|----------------|----------|-------------|-------|---------------|
| A16R-SDUCR07-X | | 7 | 22 | 16 | 13 | 15 | 200 | 212.2 | 0° | -3.6° | DC .. 0702 .. |
| A20S-SDUCR07-X | | 7 | 27 | 20 | 15 | 18 | 250 | 262.2 | 0° | -2.1° | |
| A25T-SDUCR07-X | | 7 | 33 | 25 | 18 | 23 | 300 | 312.2 | 0° | -0.9° | |
| A32T-SDUCR11-X | | 11 | 40 | 32 | 22 | 30 | 300 | 316.7 | 0° | -7.6° | DC .. 11T3 .. |
| A16R-SDUCL07-X | | 7 | 22 | 16 | 13 | 15 | 200 | 212.2 | 0° | -3.6° | DC .. 0702 .. |
| A20S-SDUCL07-X | | 7 | 27 | 20 | 15 | 18 | 250 | 262.2 | 0° | -2.1° | |
| A25T-SDUCL07-X | | 7 | 33 | 25 | 18 | 23 | 300 | 312.2 | 0° | -0.9° | |
| A32T-SDUCL11-X | | 11 | 40 | 32 | 22 | 30 | 300 | 316.7 | 0° | -7.6° | DC .. 11T3 .. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | $X_1 = f - d_1/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{min} [mm] | DC .. 0702 .. 22-33 | DC .. 11T3 .. 40 |
|--|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP315-DC1108 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

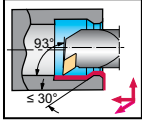
Boring bar – Screw clamping

A...-SDUC inch

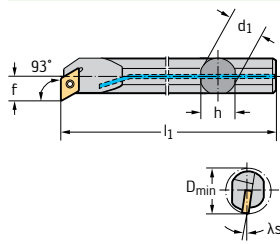
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|----|-------------------|---------------|-------------|-------------|---------------|----------|-------------|----------------------------------|
| A06M-SDUCR2 | 7 | 0.598 | 0.375 | 0.375 | 0.336 | 6.000 | 0° | -7.06° | DC .. 0702 .. DC .. 2(1.5) .. |
| A08M-SDUCR2 | 7 | 0.728 | 0.500 | 0.438 | 0.460 | 6.000 | 0° | -5.018° | |
| A10R-SDUCR2 | 7 | 0.85 | 0.625 | 0.500 | 0.562 | 8.000 | 0° | -3.698° | |
| A12S-SDUCR3 | 11 | 1.051 | 0.750 | 0.625 | 0.709 | 10.000 | 0° | -5.076° | DC .. 11T3 .. DC .. 3(2.5) .. |
| A16T-SDUCR3 | 11 | 1.299 | 1.000 | 0.750 | 0.906 | 12.000 | 0° | -3.161° | |
| A06M-SDUCL2 | 7 | 0.598 | 0.375 | 0.375 | 0.336 | 6.000 | 0° | -7.06° | DC .. 0702 .. DC .. 2(1.5) .. |
| A08M-SDUCL2 | 7 | 0.728 | 0.500 | 0.438 | 0.460 | 6.000 | 0° | -5.018° | |
| A10R-SDUCL2 | 7 | 0.85 | 0.625 | 0.500 | 0.562 | 8.000 | 0° | -3.698° | |
| A12S-SDUCL3 | 11 | 1.051 | 0.750 | 0.625 | 0.709 | 10.000 | 0° | -5.076° | DC .. 11T3 .. DC .. 3(2.5) .. |
| A16T-SDUCL3 | 11 | 1.299 | 1.000 | 0.750 | 0.906 | 12.000 | 0° | -3.161° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{min} (inch) | DC .. 0702 .. DC .. 2(1.5) .. 0.598–0.85 | DC .. 11T3 .. DC .. 3(2.5) .. 1.051–1.299 |
|--|--|--|---|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2062 (T15IP) 2.213 lbs |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

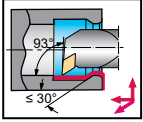
Boring bar – Screw clamping

E...-SDUC inch

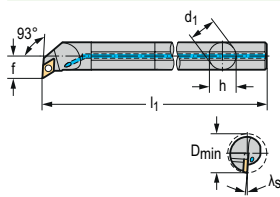
Walter Turn



– E = Solid carbide version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|--|-------------------|---------------|-------------|-------------|---------------|----------|-------------|----------------------------------|
| E06M-SDUCR2 | | 7 | 0.598 | 0.375 | 0.336 | 6.000 | 0° | -7° | DC .. 0702 .. DC .. 2(1.5) .. |
| E08R-SDUCR2 | | 7 | 0.717 | 0.500 | 0.460 | 8.000 | 0° | -5° | |
| E10R-SDUCR2 | | 7 | 0.85 | 0.625 | 0.354 | 8.000 | 0° | -4° | |
| E12S-SDUCR3 | | 11 | 1.039 | 0.750 | 0.709 | 10.000 | 0° | -3° | DC .. 11T3 .. DC .. 3(2.5) .. |
| E16T-SDUCR3 | | 11 | 1.299 | 1.000 | 0.906 | 12.000 | 0° | -3° | |
| E06M-SDUCL2 | | 7 | 0.598 | 0.375 | 0.336 | 6.000 | 0° | -7° | DC .. 0702 .. DC .. 2(1.5) .. |
| E08R-SDUCL2 | | 7 | 0.717 | 0.500 | 0.460 | 8.000 | 0° | -5° | |
| E10R-SDUCL2 | | 7 | 0.85 | 0.625 | 0.354 | 8.000 | 0° | -4° | |
| E12S-SDUCL3 | | 11 | 1.039 | 0.750 | 0.709 | 10.000 | 0° | -3° | DC .. 11T3 .. DC .. 3(2.5) .. |
| E16T-SDUCL3 | | 11 | 1.299 | 1.000 | 0.906 | 12.000 | 0° | -3° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

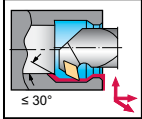
| Type | D_{min} [inch] | DC .. 0702 .. DC .. 2(1.5) .. 0.598–0.85 | DC .. 11T3 .. DC .. 3(2.5) .. 1.039 | DC .. 11T3 .. DC .. 3(2.5) .. 1.299 |
|--|------------------|--|---|---|
| Clamping screw for indexable insert Tightening torque | | FS2061 (T7IP) 0.664 lbs | FS2062 (T15IP) 2.213 lbs | FS2063 (T15IP) 2.213 lbs |
| Torx key | | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Boring bar – Screw clamping

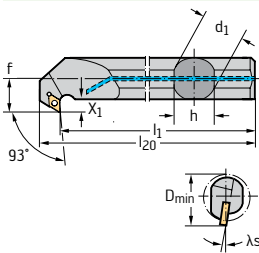
A...-SDUC...-X inch

Walter Turn

- A = Steel version with internal cooling
- Reverse copy boring bar



Tool



| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | l_2 inch | γ | λ_s | Type | |
|---------------|--|-------------------|---------------|-------------|-------------|---------------|---------------|----------|-------------|---------|----------------------------------|
| A16T-SDUCR2-X | | 7 | 1.299 | 1.000 | 0.750 | 0.906 | 12.000 | 12.48 | 0° | -0.9° | DC .. 0702 .. DC .. 2(1.5) .. |
| A20T-SDUCR3-X | | 11 | 1.579 | 1.250 | 0.875 | 1.181 | 12.000 | 12.61 | 0° | -7.528° | DC .. 11T3 .. DC .. 3(2.5) .. |
| A16T-SDUCL2-X | | 7 | 1.299 | 1.000 | 0.750 | 0.906 | 12.000 | 12.48 | 0° | 0.9° | DC .. 0702 .. DC .. 2(1.5) .. |
| A20T-SDUCL3-X | | 11 | 1.579 | 1.250 | 0.875 | 1.181 | 12.000 | 12.61 | 0° | -7.528° | DC .. 11T3 .. DC .. 3(2.5) .. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

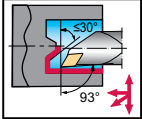
| | Type D_{min} [inch] | DC .. 0702 .. DC .. 2(1.5) .. 1.299 | DC .. 11T3 .. DC .. 3(2.5) .. 1.579 |
|--|--|---|---|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.664 lbs | FS2062 (T15IP) 2.213 lbs |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

Boring bar – Screw clamping








A...-SDJC

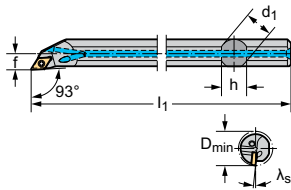
Walter Turn

- A = Steel version with internal cooling
- Additional coolant hole for blind hole machining



Tool



| Designation |  | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|---|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A16R-SDJCR07 |  | 7 | 20 | 9 | 15 | 200 | 0° | -6° | DC .. 0702 .. |
| A20S-SDJCR11 |  | 11 | 25 | 12 | 18 | 250 | 0° | -6° | DC .. 11T3 .. |
| A25T-SDJCR11 |  | 11 | 32 | 14 | 23 | 300 | 0° | -4° | |
| A16R-SDJCL07 |  | 7 | 20 | 9 | 15 | 200 | 0° | -6° | DC .. 0702 .. |
| A20S-SDJCL11 |  | 11 | 25 | 12 | 18 | 250 | 0° | -6° | DC .. 11T3 .. |
| A25T-SDJCL11 |  | 11 | 32 | 14 | 23 | 300 | 0° | -4° | |



Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

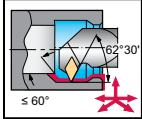
| Type D_{min} [mm] | DC .. 0702 .. 20 | DC .. 11T3 .. 25-32 |
|---|-------------------------|------------------------|
|  Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm |
|  Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

Boring bar – Screw clamping

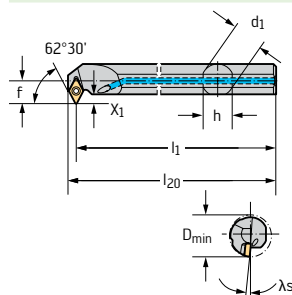
A...-SDXC...

Walter Turn

- A = Steel version with internal cooling
- Forwards/reverse copy boring bar



Tool



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | l_{20} mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|---------|---------|-------------|----------------|----------|-------------|---------------|
| A12M-SDXCR07 | | 7 | 16 | 12 | 9 | 11 | 154.3 | 0° | -4° | DC .. 0702 .. |
| A16R-SDXCR07 | | 7 | 20 | 16 | 11 | 15 | 200 | -2° | -4° | |
| A20S-SDXCR11 | | 11 | 25 | 20 | 13 | 18 | 250 | -3° | -5.8° | |
| A25T-SDXCR11 | | 11 | 32 | 25 | 17 | 23 | 306 | -2° | -3.4° | |
| A12M-SDXCL07 | | 7 | 16 | 12 | 9 | 11 | 154.3 | 0° | -4° | DC .. 0702 .. |
| A16R-SDXCL07 | | 7 | 20 | 16 | 11 | 15 | 200 | -2° | -4° | |
| A20S-SDXCL11 | | 11 | 25 | 20 | 13 | 18 | 250 | -3° | -5.8° | |
| A25T-SDXCL11 | | 11 | 32 | 25 | 17 | 23 | 306 | -2° | -3.4° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | $X_1 = f - d_1/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | DC .. 0702 .. 16-20 | DC .. 11T3 .. 25 | DC .. 11T3 .. 32 |
|------|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

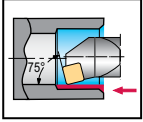
Boring bar – Screw clamping

A...-SSKC

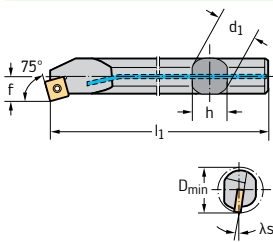
Walter Turn



– A = Steel version with internal cooling



Tool



| Designation | | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | γ | λ _s | Type |
|--------------|----|------------------------|----------------------|---------|---------|----------------------|----|----------------|---------------|
| A16R-SSKCR09 | 9 | 20 | 16 | 11 | 15 | 200 | 0° | -8.9° | SC .. 09T3 .. |
| A20S-SSKCR09 | 9 | 25 | 20 | 13 | 18 | 250 | 0° | -6° | |
| A25T-SSKCR12 | 12 | 32 | 25 | 17 | 23 | 300 | 0° | -4.7° | SC .. 1204 .. |
| A16R-SSKCL09 | 9 | 20 | 16 | 11 | 15 | 200 | 0° | -8.9° | SC .. 09T3 .. |
| A20S-SSKCL09 | 9 | 25 | 20 | 13 | 18 | 250 | 0° | -6° | |
| A25T-SSKCL12 | 12 | 32 | 25 | 17 | 23 | 300 | 0° | -4.7° | SC .. 1204 .. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: SC .. 09T308 / SC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D _{min} [mm] | SC .. 09T3 .. 20–25 | SC .. 1204 .. 32 |
|--|--|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2062 (T15IP) 3 Nm | FS2064 (T15IP) 3 Nm |
| | Torx key | FS1465 (T15IP) | FS1496 (T15IP) |

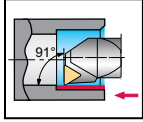
Boring bar – Screw clamping

A...-STFC mm

Walter Turn

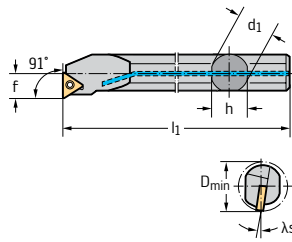


– A = Steel version with internal cooling



Tool

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A06F-STFCR06 | | 6 | 9 | 5 | 5 | 80 | 0° | -12.2° | TC .. 06T1 .. |
| A08H-STFCR06 | | 6 | 11 | 6 | 7 | 100 | 0° | -10.2° | |
| A10K-STFCR09 | | 9 | 13 | 7 | 9 | 125 | 0° | -9.2° | TC .. 0902 .. |
| A12M-STFCR11 | | 11 | 16 | 9 | 11 | 150 | 0° | -6.7° | TC .. 1102 .. |
| A16R-STFCR11 | | 11 | 20 | 11 | 15 | 200 | 0° | -4.5° | |
| A20S-STFCR11 | | 11 | 25 | 13 | 18 | 250 | 0° | -2.8° | |
| A25T-STFCR16 | | 16 | 32 | 17 | 23 | 300 | 0° | -3.4° | TC .. 16T3 .. |
| A32T-STFCR16 | | 16 | 40 | 22 | 30 | 300 | 0° | -7.9° | |
| A06F-STFCL06 | | 6 | 9 | 5 | 5 | 80 | 0° | -12.2° | TC .. 06T1 .. |
| A08H-STFCL06 | | 6 | 11 | 6 | 7 | 100 | 0° | -10.2° | |
| A10K-STFCL09 | | 9 | 13 | 7 | 9 | 125 | 0° | -9.2° | TC .. 0902 .. |
| A12M-STFCL11 | | 11 | 16 | 9 | 11 | 150 | 0° | -6.7° | TC .. 1102 .. |
| A16R-STFCL11 | | 11 | 20 | 11 | 15 | 200 | 0° | -4.5° | |
| A20S-STFCL11 | | 11 | 25 | 13 | 18 | 250 | 0° | -2.8° | |
| A25T-STFCL16 | | 16 | 32 | 17 | 23 | 300 | 0° | -3.4° | TC .. 16T3 .. |
| A32T-STFCL16 | | 16 | 40 | 22 | 30 | 300 | 0° | -7.9° | |



Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 06T102 / TC .. 090204 / TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D_{min} [mm] | TC .. 06T1 .. 9 | TC .. 06T1 .. 11 | TC .. 0902 .. 13 | TC .. 1102 .. 16 | TC .. 1102 .. 20–25 | TC .. 16T3 .. 32 | TC .. 16T3 .. 40 |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|---------------------------|
| Clamping screw for indexable insert Tightening torque | FS2147 (T6IP) 0.6 Nm | FS2148 (T6IP) 0.6 Nm | FS2149 (T7IP) 0.9 Nm | FS2067 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| Shim | | | | | | | AP317- TC1612 |
| Screw for shim | | | | | | | FS2068 (SW 3.5) |
| Torx key | FS2146 (T6IP) | FS2146 (T6IP) | FS1490 (T7IP) | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

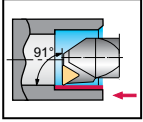
Boring bar – Screw clamping

A...-STFC...-R


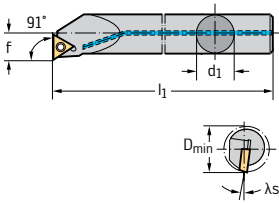
Walter Turn



– A = Steel version with internal cooling


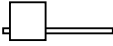


Tool

| | Designation |  | D_{min} mm | d_1 mm | f mm | l_1 mm | γ | λ_s | Type |
|--|----------------|---|-----------------|-------------|-----------|-------------|----------|-------------|---------------|
|  Cylindrical shank | A06F-STFCR06-R | 6 | 9 | 6 | 5 | 80 | 0° | -12.2° | TC .. 06T1 .. |
| | A08H-STFCR06-R | 6 | 11 | 8 | 6 | 100 | 0° | -10.2° | TC .. 0902 .. |
| | A10K-STFCR09-R | 9 | 13 | 10 | 7 | 125 | 0° | -9.2° | |
| | A12M-STFCR11-R | 11 | 16 | 12 | 9 | 150 | 0° | -6.5° | |
| | A16R-STFCR11-R | 11 | 20 | 16 | 11 | 200 | 0° | -4.5° | TC .. 1102 .. |
| | A06F-STFCL06-R | 6 | 9 | 6 | 5 | 80 | 0° | -12.2° | |
| | A08H-STFCL06-R | 6 | 11 | 8 | 6 | 100 | 0° | -10.2° | |
| | A10K-STFCL09-R | 9 | 13 | 10 | 7 | 125 | 0° | -9.2° | |
| | A12M-STFCL11-R | 11 | 16 | 12 | 9 | 150 | 0° | -6.5° | |
| | A16R-STFCL11-R | 11 | 20 | 16 | 11 | 200 | 0° | -4.5° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 06T102 / TC .. 090204 / TC .. 110204 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D_{min} [mm] | TC .. 06T1 .. 9 | TC .. 06T1 .. 11 | TC .. 0902 .. 13 | TC .. 1102 .. 16 | TC .. 1102 .. 20 |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|  Clamping screw for indexable insert Tightening torque | FS2147 (T6IP) 0.6 Nm | FS2148 (T6IP) 0.6 Nm | FS2149 (T7IP) 0.9 Nm | FS2067 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm |
|  Torx key | FS2146 (T6IP) | FS2146 (T6IP) | FS1490 (T7IP) | FS1490 (T7IP) | FS1490 (T7IP) |

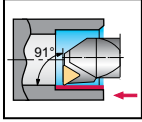
Boring bar – Screw clamping

E...-STFC...-R

Walter Turn



– E = Solid carbide version with internal cooling



Tool

| Designation | | D_{min} mm | d_1 mm | f mm | l_1 mm | γ | λ_s | Type |
|----------------|----|-----------------|-------------|-----------|-------------|----------|-------------|---------------|
| E06H-STFCR06-R | 6 | 9 | 6 | 5 | 100 | 0° | -12.2° | TC .. 06T1 .. |
| E08K-STFCR06-R | 6 | 11 | 8 | 6 | 125 | 0° | -10.2° | |
| E10M-STFCR09-R | 9 | 13 | 10 | 7 | 150 | 0° | -9.2° | |
| E12Q-STFCR09-R | 9 | 16 | 12 | 9 | 180 | 0° | -6.7° | TC .. 0902 .. |
| E16R-STFCL11-R | 11 | 20 | 16 | 11 | 200 | 0° | -4° | |
| E20S-STFCL11-R | 11 | 25 | 20 | 13 | 220 | 0° | -3° | TC .. 1102 .. |
| E25T-STFCL16-R | 16 | 32 | 25 | 17 | 270 | 0° | -3° | |
| E06H-STFCL06-R | 6 | 9 | 6 | 5 | 100 | 0° | -12.2° | TC .. 06T1 .. |
| E08K-STFCL06-R | 6 | 11 | 8 | 6 | 125 | 0° | -10.2° | |
| E10M-STFCL09-R | 9 | 13 | 10 | 7 | 150 | 0° | -9.2° | |
| E12Q-STFCL09-R | 9 | 16 | 12 | 9 | 180 | 0° | -6.7° | TC .. 0902 .. |
| E16R-STFCL11-R | 11 | 20 | 16 | 11 | 200 | 0° | -4° | |
| E20S-STFCL11-R | 11 | 25 | 20 | 13 | 220 | 0° | -3° | TC .. 1102 .. |
| E25T-STFCL16-R | 16 | 32 | 25 | 17 | 270 | 0° | -3° | |

Cylindrical shank

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 06T102 / TC .. 090204 / TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D_{min} [mm] | TC .. 06T1 .. 9 | TC .. 06T1 .. 11 | TC .. 0902 .. 13–16 | TC .. 1102 .. 20–25 | TC .. 16T3 .. 32 |
|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | FS2147 (T6IP) 0.6 Nm | FS2148 (T6IP) 0.6 Nm | FS2149 (T7IP) 0.9 Nm | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm |
| Torx key | FS2146 (T6IP) | FS2146 (T6IP) | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) |

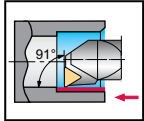
Boring bar – Screw clamping

A...-STFC inch

Walter Turn



– A = Steel version with internal cooling



| Tool | | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|---|-------------|-------|-------------------|---------------|-------------|-------------|---------------|----------|-----------------|-----------------|
| <p>Parallel shank with clamping surface</p> | A06M-STFCR2 | 11 | 0.500 | 0.375 | 0.250 | 0.336 | 6.000 | 0° | -10.075° | TC .. 1102 .. |
| | A08M-STFCR2 | 11 | 0.598 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -7.213° | TC .. 2(1.5) .. |
| | A10R-STFCR2 | 11 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -4.703° | |
| | A12S-STFCR2 | 11 | 0.929 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -3.161° | |
| | A16T-STFCR3 | 16 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -3.834° | TC .. 16T3 .. |
| | A20T-STFCR3 | 16 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | 0° | -8.67° | TC .. 3(2.5) .. |
| | A06M-STFCL2 | 11 | 0.500 | 0.375 | 0.250 | 0.336 | 6.000 | 0° | -10.075° | TC .. 1102 .. |
| | A08M-STFCL2 | 11 | 0.598 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -7.213° | TC .. 2(1.5) .. |
| | A10R-STFCL2 | 11 | 0.772 | 0.625 | 0.406 | 0.562 | 8.000 | 0° | -4.703° | |
| | A12S-STFCL2 | 11 | 0.929 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -3.161° | |
| A16T-STFCL3 | 16 | 1.201 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -3.834° | TC .. 16T3 .. | |
| A20T-STFCL3 | 16 | 1.469 | 1.250 | 0.765 | 1.181 | 12.000 | 0° | -8.67° | TC .. 3(2.5) .. | |

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D_{min} [inch] | TC .. 1102 .. TC .. 2(1.5) .. 0.5–0.598 | TC .. 1102 .. TC .. 2(1.5) .. 0.772–0.929 | TC .. 16T3 .. TC .. 3(2.5) .. 1.201 | TC .. 16T3 .. TC .. 3(2.5) .. 1.469 |
|--|--------------------------|---|---|---|---|
| Clamping screw for indexable insert Tightening torque | | FS2067 (T7IP) 0.664 lbs | FS2061 (T7IP) 0.664 lbs | FS2063 (T15IP) 2.213 lbs | FS2060 (T15IP) 2.213 lbs |
| Shim | | | | | AP317-TC1612 |
| Clamping screw for shim | | | | | FS2068 (SW 3.5) |
| Torx key | | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

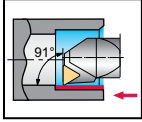
Boring bar – Screw clamping

E...-STFC inch

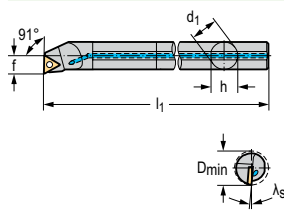
Walter Turn



– E = Solid carbide version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|---------------|----|-------------------|---------------|-------------|-------------|---------------|----------|-------------|------------------------------------|
| E06M-STFCR1,8 | 9 | 0.500 | 0.375 | 0.264 | 0.359 | 6.000 | 0° | -9,5° | TC .. 0902 .. TC .. 1.8(1.5) .. |
| E08R-STFCR1,8 | 9 | 0.630 | 0.500 | 0.349 | 0.460 | 8.000 | 0° | -7° | |
| E10R-STFCR2 | 11 | 0.772 | 0.625 | 0.406 | 0.609 | 8.000 | 0° | -6° | TC .. 1102 .. TC .. 2(1.5) .. |
| E12S-STFCR2 | 11 | 0.929 | 0.750 | 0.500 | 0.734 | 10.000 | 0° | -4° | |
| E16T-STFCR3 | 16 | 1.201 | 1.000 | 0.640 | 0.984 | 12.000 | 0° | -4° | TC .. 16T3 .. TC .. 3(2.5) .. |
| E06M-STFCL1,8 | 9 | 0.500 | 0.375 | 0.264 | 0.359 | 6.000 | 0° | -9,5° | TC .. 0902 .. TC .. 1.8(1.5) .. |
| E08R-STFCL1,8 | 9 | 0.630 | 0.500 | 0.349 | 0.460 | 8.000 | 0° | -7° | |
| E10R-STFCL2 | 11 | 0.772 | 0.625 | 0.406 | 0.609 | 8.000 | 0° | -6° | TC .. 1102 .. TC .. 2(1.5) .. |
| E12S-STFCL2 | 11 | 0.929 | 0.750 | 0.500 | 0.734 | 10.000 | 0° | -4° | |
| E16T-STFCL3 | 16 | 1.201 | 1.000 | 0.640 | 0.984 | 12.000 | 0° | -4° | TC .. 16T3 .. TC .. 3(2.5) .. |

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 090204 / TC .. 110200RE=0 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | Type | TC .. 0902 .. TC .. 1.8(1.5) .. 0.5–0.63 | TC .. 1102 .. TC .. 2(1.5) .. 0.772–0.929 | TC .. 16T3 .. TC .. 3(2.5) .. 1.201 |
|--|------|--|---|---|
| Clamping screw for indexable insert Tightening torque | | FS2149 (T7IP) 0.664 lbs | FS2061 (T7IP) 0.664 lbs | FS2063 (T15IP) 2.213 lbs |
| Torx key | | FS1490 (T7IP) | FS1490 (T7IP) | FS1465 (T15IP) |

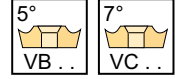
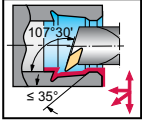
Boring bar – Screw clamping

A...-SVQB

Walter Turn

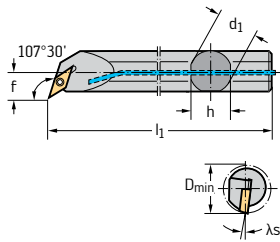


– A = Steel version with internal cooling



Tool

| Designation | | D_{\min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|------------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| A16R-SVQBR11 | | 11 | 22 | 16 | 13 | 15 | 0° | -6.9° | VB .. 1103 .. |
| A20S-SVQBR11 | | 11 | 27 | 20 | 15 | 18 | 0° | -5° | |
| A25T-SVQBR11 | | 11 | 33 | 25 | 18 | 23 | 0° | -3.5° | |
| A32T-SVQBR16 | | 16 | 40 | 32 | 22 | 30 | 0° | -10.9° | VB .. 1604 .. |
| A40T-SVQBR16 | | 16 | 50 | 40 | 27 | 37 | 0° | -7.9° | |
| A16R-SVQBL11 | | 11 | 22 | 16 | 13 | 15 | 0° | -6.9° | VB .. 1103 .. |
| A20S-SVQBL11 | | 11 | 27 | 20 | 15 | 18 | 0° | -5° | |
| A25T-SVQBL11 | | 11 | 33 | 25 | 18 | 23 | 0° | -3.5° | |
| A32T-SVQBL16 | | 16 | 40 | 32 | 22 | 30 | 0° | -10.9° | VB .. 1604 .. |
| A40T-SVQBL16 | | 16 | 50 | 40 | 27 | 37 | 0° | -7.9° | |



Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{\min} [mm] | VB .. 1103 .. 22–33 | VB .. 1604 .. 40–50 |
|--|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2172 (T71P) 0.9 Nm | FS2060 (T151P) 3 Nm |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T71P) | FS1465 (T151P) |

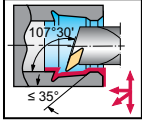
Boring bar – Screw clamping

A...-SVQB...-R

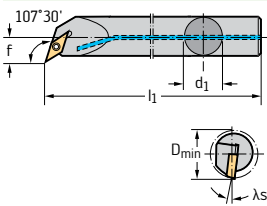
Walter Turn




– A = Steel version with internal cooling



Tool




Cylindrical shank

| Designation |  | D_{min} mm | d_1 mm | f mm | l_1 mm | γ | λ_s | Type |
|----------------|---|-----------------|-------------|-----------|-------------|----------|-------------|---------------|
| A16R-SVQBR11-R | 11 | 22 | 16 | 13 | 200 | 0° | -6.9° | VB .. 1103 .. |
| A20S-SVQBR11-R | 11 | 27 | 20 | 15 | 250 | 0° | -5° | |
| A16R-SVQBL11-R | 11 | 22 | 16 | 13 | 200 | 0° | -6.9° | VB .. 1103 .. |
| A20S-SVQBL11-R | 11 | 27 | 20 | 15 | 250 | 0° | -5° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

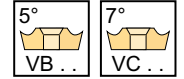
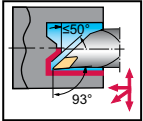
| Type | D_{min} [mm] | VB .. 1103 .. 22–27 |
|---|----------------|-------------------------|
| Clamping screw for indexable insert Tightening torque | | FS2172 (T7IP) 0.9 Nm |
|  | Torx key | FS1490 (T7IP) |

Boring bar – Screw clamping

A...-SVJB

Walter Turn

- A = Steel version with internal cooling
- Additional coolant hole for blind hole machining



Tool

| | Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|---------------|
| | A16R-SVJBR11 | | 11 | 20 | 9 | 15 | 200 | 0° | -6° | VB .. 1103 .. |
| | A20S-SVJBR11 | | 11 | 25 | 11 | 18 | 250 | 0° | -6° | |
| | A16R-SVJBL11 | | 11 | 20 | 9 | 15 | 200 | 0° | -6° | VB .. 1103 .. |
| | A20S-SVJBL11 | | 11 | 25 | 11 | 18 | 250 | 0° | -6° | |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

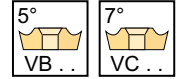
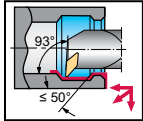
| Type D_{min} [mm] | VB .. 1103 .. 20 | VB .. 1103 .. 25 |
|--|-------------------------|-------------------------|
| Clamping screw for indexable insert Tightening torque | FS2067 (T7IP) 0.9 Nm | FS2172 (T7IP) 0.9 Nm |
| Torx key | FS1490 (T7IP) | FS1490 (T7IP) |

Boring bar – Screw clamping

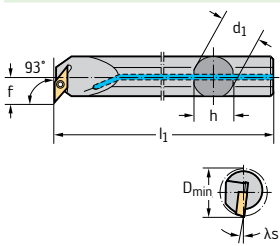
A...-SVUB

Walter Turn

– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type |
|--------------|--|-----------------|-------------|---------|---------|-------------|----------|-------------|---------------|
| A16R-SVUBR11 | | 11 | 22 | 16 | 13 | 15 | 0° | -6.5° | VB .. 1103 .. |
| A20S-SVUBR11 | | 11 | 27 | 20 | 15 | 18 | 0° | -4.7° | |
| A25T-SVUBR11 | | 11 | 33 | 25 | 18 | 23 | 0° | -3.3° | |
| A32T-SVUBR16 | | 16 | 40 | 32 | 22 | 30 | 0° | -9.8° | VB .. 1604 .. |
| A40T-SVUBR16 | | 16 | 50 | 40 | 27 | 37 | 0° | -6.9° | |
| A16R-SVUBL11 | | 11 | 22 | 16 | 13 | 15 | 0° | -6.5° | VB .. 1103 .. |
| A20S-SVUBL11 | | 11 | 27 | 20 | 15 | 18 | 0° | -4.7° | |
| A25T-SVUBL11 | | 11 | 33 | 25 | 18 | 23 | 0° | -3.3° | |
| A32T-SVUBL16 | | 16 | 40 | 32 | 22 | 30 | 0° | -9.8° | VB .. 1604 .. |
| A40T-SVUBL16 | | 16 | 50 | 40 | 27 | 37 | 0° | -6.9° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{min} [mm] | VB .. 1103 .. 22–33 | VB .. 1604 .. 40–50 |
|--|--|-------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2172 (T7IP) 0.9 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

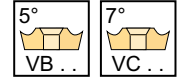
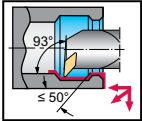
Boring bar – Screw clamping


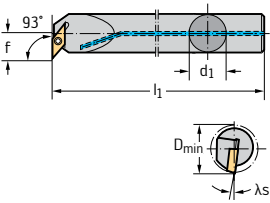
A...-SVUB...-R

Walter Turn





– A = Steel version with internal cooling



| Tool | Designation |  | D _{min} mm | d ₁ mm | f mm | l ₁ mm | γ | λ _s | Type |
|--|----------------|---|------------------------|----------------------|---------|----------------------|----|----------------|---------------|
| | | | | | | | | | VB .. 1103 .. |
|  <p>Cylindrical shank</p> | A16R-SVUBR11-R | 11 | 22 | 16 | 13 | 200 | 0° | -6.5° | VB .. 1103 .. |
| | A20S-SVUBR11-R | 11 | 27 | 20 | 15 | 250 | 0° | -4.6° | |
| | A16R-SVUBL11-R | 11 | 22 | 16 | 13 | 200 | 0° | -6.5° | VB .. 1103 .. |
| | A20S-SVUBL11-R | 11 | 27 | 20 | 15 | 250 | 0° | -4.6° | |

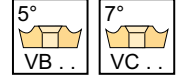
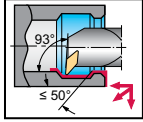
Dimensional drawing shows right-hand version. | Measured with master insert:VB .. 110304 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type D _{min} [mm] | VB .. 1103 .. 22-27 |
|---|--|-------------------------|
|  | Clamping screw for indexable insert Tightening torque | FS2172 (T7IP) 0.9 Nm |
|  | Torx key | FS1490 (T7IP) |

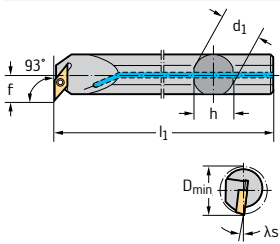
Boring bar – Screw clamping

A...-SVUB inch

Walter Turn



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|-------------|----|-------------------|---------------|-------------|-------------|---------------|----------|-------------|------------------------------|
| A10R-SVUBR2 | 11 | 0.85 | 0.625 | 0.486 | 0.562 | 8.000 | 0° | -6.839° | VB .. 1103 .. VB .. 22 .. |
| A12S-SVUBR2 | 11 | 1.012 | 0.750 | 0.580 | 0.709 | 10.000 | 0° | -5.05° | |
| A16T-SVUBR2 | 11 | 1.24 | 1.000 | 0.680 | 0.906 | 12.000 | 0° | -3.519° | VB .. 1604 .. VB .. 33 .. |
| A20T-SVUBR3 | 16 | 1.705 | 1.250 | 1.000 | 1.181 | 12.000 | 0° | -8.696° | |
| A24T-SVUBR3 | 16 | 2.126 | 1.500 | 1.125 | 1.374 | 12.000 | 0° | -5.997° | |
| A10R-SVUBL2 | 11 | 0.85 | 0.625 | 0.486 | 0.562 | 8.000 | 0° | -6.839° | VB .. 1103 .. VB .. 22 .. |
| A12S-SVUBL2 | 11 | 1.012 | 0.750 | 0.580 | 0.709 | 10.000 | 0° | -5.05° | |
| A16T-SVUBL2 | 11 | 1.24 | 1.000 | 0.680 | 0.906 | 12.000 | 0° | -3.519° | VB .. 1604 .. VB .. 33 .. |
| A20T-SVUBL3 | 16 | 1.705 | 1.250 | 1.000 | 1.181 | 12.000 | 0° | -8.696° | |
| A24T-SVUBL3 | 16 | 2.126 | 1.500 | 1.125 | 1.374 | 12.000 | 0° | -5.997° | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{min} (inch) | VB .. 1103 .. VB .. 22 .. 0.85–1.24 | VB .. 1604 .. VB .. 33 .. 1.705–2.126 |
|--|--|---|---|
| | Clamping screw for indexable insert Tightening torque | FS2172 (T7IP) 0.664 lbs | FS2060 (T15IP) 2.213 lbs |
| | Shim | | AP316-VB1608 |
| | Screw for shim | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

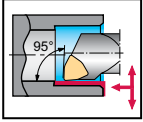
Boring bar – Screw clamping

A...-SWLC

Walter Turn

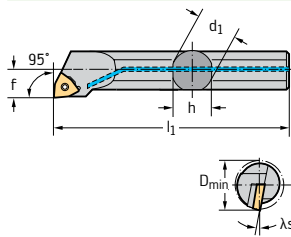


– A = Steel version with internal cooling



Tool

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | γ | λ_s | Type | |
|--------------|--|-----------------|-------------|-----------|-----------|-------------|----------|-------------|-------|---------------|
| A10K-SWLCR04 | | 4 | 12 | 10 | 7 | 9 | 125 | 0° | -10° | WC .. 0402 .. |
| A12M-SWLCR04 | | 4 | 16 | 12 | 9 | 11 | 150 | 0° | -7° | |
| A16R-SWLCR04 | | 4 | 20 | 16 | 11 | 15 | 200 | 0° | -5° | |
| A20S-SWLCR06 | | 6 | 25 | 20 | 13 | 18 | 250 | 0° | -6° | WC .. 06T3 .. |
| A25T-SWLCR06 | | 6 | 32 | 25 | 17 | 23 | 300 | 0° | -3.5° | |
| A25T-SWLCR08 | | 8 | 32 | 25 | 17 | 23 | 300 | 0° | -4° | WC .. 0804 .. |
| A10K-SWLCLO4 | | 4 | 12 | 10 | 7 | 9 | 125 | 0° | -10° | WC .. 0402 .. |
| A12M-SWLCLO4 | | 4 | 16 | 12 | 9 | 11 | 150 | 0° | -7° | |
| A16R-SWLCLO4 | | 4 | 20 | 16 | 11 | 15 | 200 | 0° | -5° | |
| A20S-SWLCLO6 | | 6 | 25 | 20 | 13 | 18 | 250 | 0° | -6° | WC .. 06T3 .. |
| A25T-SWLCLO6 | | 6 | 32 | 25 | 17 | 23 | 300 | 0° | -3.5° | |
| A25T-SWLCLO8 | | 8 | 32 | 25 | 17 | 23 | 300 | 0° | -4° | WC .. 0804 .. |



Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WC .. 040204 / WC .. 06T308 / WC .. 080408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

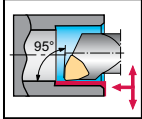
Assembly parts

| Type | Type | WC .. 0402 .. 12–20 | WC .. 06T3 .. 25–32 | WC .. 0804 .. 32 |
|------|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2067 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2064 (T15IP) 3 Nm |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1496 (T15IP) |

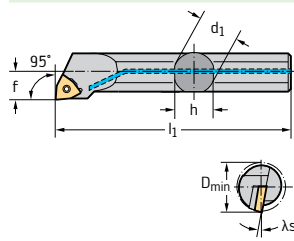
Boring bar – Screw clamping

A...-SWLC inch

Walter Turn



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | γ | λ_s | Type |
|--------------|---|-------------------|---------------|-------------|-------------|---------------|----------|-------------|----------------------------------|
| A06M-SWLRCR2 | 4 | 0.500 | 0.375 | 0.250 | 0.336 | 6.000 | 0° | -11° | WC .. 0402 .. WC .. 2(1.5) .. |
| A08M-SWLRCR2 | 4 | 0.625 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -8° | |
| A10R-SWLRCR3 | 6 | 0.750 | 0.625 | 0.375 | 0.562 | 8.000 | 0° | -10° | WC .. 06T3 .. WC .. 3(2.5) .. |
| A12S-SWLRCR3 | 6 | 1.000 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -6.5° | |
| A16T-SWLRCR3 | 6 | 1.280 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -4° | |
| A06M-SWLCL2 | 4 | 0.500 | 0.375 | 0.250 | 0.336 | 6.000 | 0° | -11° | WC .. 0402 .. WC .. 2(1.5) .. |
| A08M-SWLCL2 | 4 | 0.625 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -8° | |
| A10R-SWLCL3 | 6 | 0.750 | 0.625 | 0.375 | 0.562 | 8.000 | 0° | -10° | WC .. 06T3 .. WC .. 3(2.5) .. |
| A12S-SWLCL3 | 6 | 1.000 | 0.750 | 0.500 | 0.709 | 10.000 | 0° | -6.5° | |
| A16T-SWLCL3 | 6 | 1.280 | 1.000 | 0.640 | 0.906 | 12.000 | 0° | -4° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WC .. 040204 / WC .. 06T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D_{min} [inch] | WC .. 0402 .. WC .. 2(1.5) .. 0.5–0.625 | WC .. 06T3 .. WC .. 3(2.5) .. 0.75–1.28 |
|--|--|---|---|
| | Clamping screw for indexable insert Tightening torque | FS2067 (T7IP) 0.664 lbs | FS2062 (T15IP) 2.213 lbs |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

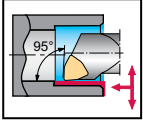
Boring bar – Screw clamping

E...-SWLC inch

Walter Turn



– E = Solid carbide version with internal cooling



| Tool | Designation | | D _{min} inch | d ₁ inch | f inch | h inch | l ₁ inch | γ | λ _s | Type |
|------|-------------|---|--------------------------|------------------------|-----------|-----------|------------------------|----|----------------|----------------------------------|
| | | | | | | | | | | |
| | E06M-SWLCR2 | 4 | 0.500 | 0.375 | 0.250 | 0.359 | 6.000 | 0° | -11° | WC .. 0402 .. WC .. 2(1.5) .. |
| | E08R-SWLCR2 | 4 | 0.625 | 0.500 | 0.312 | 0.460 | 8.000 | 0° | -8° | |
| | E06M-SWLCL2 | 4 | 0.500 | 0.375 | 0.250 | 0.359 | 6.000 | 0° | -11° | WC .. 0402 .. WC .. 2(1.5) .. |
| | E08R-SWLCL2 | 4 | 0.625 | 0.500 | 0.312 | 0.460 | 6.000 | 0° | -8° | |

Parallel shank with clamping surface

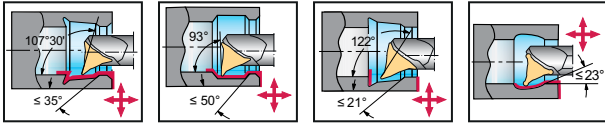
Dimensional drawing shows right-hand version. | Measured with master insert: WC .. 040204 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | WC .. 0402 .. WC .. 2(1.5) .. 0.5–0.625 |
|----------------|--|---|
| | Clamping screw for indexable insert Tightening torque | FS2067 (T7IP) 0.664 lbs |
| | Torx key | FS1490 (T7IP) |

Boring bar – Copy turning system

W1211
Walter Turn


– Double internal coolant supply



Tool

| | Designation | | d ₁ mm | D _{min} mm | f mm | h mm | l ₁ mm | l ₄ mm | X ₁ mm | γ | λ _s | Type | |
|--|-----------------|--|----------------------|------------------------|---------|---------|----------------------|----------------------|----------------------|-----|----------------|--------|--------|
| | | | | | | | | | | | | WL17.. | |
| | W1211-12MR-WL17 | | 17 | 12 | 18 | 10 | 11.5 | 150 | 23 | 4.5 | -3.2° | -7.5° | WL17.. |
| | W1211-16RR-WL17 | | 17 | 16 | 20 | 11 | 15 | 200 | 23 | 4 | -3.2° | -7.5° | WL17.. |
| | W1211-20SR-WL17 | | 17 | 20 | 25 | 14 | 18.5 | 250 | 28 | 5.5 | -2.7° | -7.6° | WL17.. |
| | W1211-12ML-WL17 | | 17 | 12 | 18 | 10 | 11.5 | 150 | 23 | 4.5 | -3.2° | -7.5° | WL17.. |
| | W1211-16RL-WL17 | | 17 | 16 | 20 | 11 | 15 | 200 | 23 | 4 | -3.2° | -7.5° | WL17.. |
| | W1211-20SL-WL17 | | 17 | 20 | 25 | 14 | 18.5 | 250 | 28 | 5.5 | -2.7° | -7.6° | WL17.. |

Parallel shank with clamping surface

 Dimensional drawing shows right-hand version. | Measured with master insert: WL17-VC050804N-FM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type d ₁ [mm] | WL17.. 12–20 |
|--|--|-----------------------|
| | Clamping screw for indexable insert Tightening torque | FS1457 (T9IP) 2 Nm |
| | Torx key | FS1466 (T9IP) |

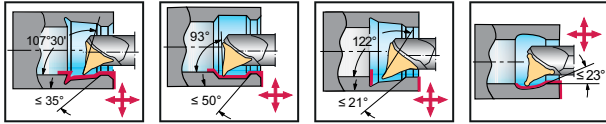
Boring bar – Copy turning system

W1211

Walter Turn



- Double internal coolant supply
- Additional coolant hole for blind hole machining



| Tool | Designation | | d ₁ mm | D _{min} mm | f mm | h mm | l ₁ mm | l ₄ mm | X ₁ mm | γ | λ _s | Type |
|------|-----------------|--|----------------------|------------------------|---------|---------|----------------------|----------------------|----------------------|-------|----------------|--------|
| | W1211-25TR-WL25 | | 25 | 25 | 17 | 23 | 300 | 35 | 7 | -1.3° | -7.5° | WL25.. |
| | W1211-32TR-WL25 | | 25 | 32 | 23 | 30 | 300 | 45 | 9.5 | -1.3° | -7.5° | |
| | W1211-40TR-WL25 | | 25 | 40 | 27.5 | 37 | 300 | 54 | 10 | -1.3° | -7.5° | |
| | W1211-25TL-WL25 | | 25 | 25 | 17 | 23 | 300 | 35 | 7 | -1.3° | -7.5° | WL25.. |
| | W1211-32TL-WL25 | | 25 | 32 | 23 | 30 | 300 | 45 | 9.5 | -1.3° | -7.5° | |
| | W1211-40TL-WL25 | | 25 | 40 | 27.5 | 37 | 300 | 54 | 10 | -1.3° | -7.5° | |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type d ₁ [mm] | WL25.. 25-40 |
|----------------|--|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 5 Nm |
| | Threaded plug | FS2082 (T6IP) |
| | Allen key | FS1464 (T20IP) |

| Accessories | Type d ₁ [mm] | WL25.. 25 | WL25.. 32 | WL25.. 40 |
|-------------|-----------------------------|---------------|---------------|----------------|
| | Coolant sealing adapter | CN3000-25-8.5 | CN3000-32-8.5 | CN3000-40-11.5 |

WALTER SELECT

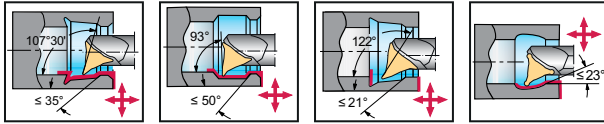
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

●● Primary application ● Other application

Boring bar – Copy turning system

W1211 inch
Walter Turn


- Double internal coolant supply
- Additional coolant hole for blind hole machining



Tool

| Designation | | d ₁ inch | D _{min} inch | f inch | h inch | l ₁ inch | l ₄ inch | X ₁ inch | γ | λ _s | Type | |
|-----------------|--|------------------------|--------------------------|-----------|-----------|------------------------|------------------------|------------------------|-------|----------------|-------|--------|
| | | | | | | | | | | | | Type |
| W1211.16TR-WL25 | | 25 | 1.000 | 1.260 | 0.669 | 0.906 | 12.049 | 1.378 | 0.217 | -1.3° | -7.5° | WL25.. |
| W1211.20TR-WL25 | | 25 | 1.250 | 1.575 | 0.906 | 1.181 | 12.049 | 1.772 | 0.315 | -1.3° | -7.5° | WL25.. |
| W1211.16TL-WL25 | | 25 | 1.000 | 1.260 | 0.669 | 0.906 | 12.049 | 1.378 | 0.217 | -1.3° | -7.5° | WL25.. |
| W1211.20TL-WL25 | | 25 | 1.250 | 1.575 | 0.906 | 1.181 | 12.049 | 1.772 | 0.315 | -1.3° | -7.5° | WL25.. |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | d ₁ [inch] | WL25.. 1-1.25 |
|------|--|-----------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 3.688 lbs |
| | Threaded plug | FS2082 (T6IP) |
| | Allen key | FS1464 (T20IP) |

Accessories

| Type | d ₁ [inch] | WL25.. 1 | WL25.. 1.25 |
|------|-------------------------|---------------|----------------|
| | Coolant sealing adapter | CN3000-25-8.5 | CN3000-32-8.5 |

**WALTER
SELECT**

●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

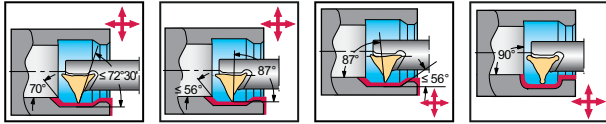
Boring bar – Copy turning system

W1210

Walter Turn



- Double internal coolant supply
- With WL form-fit system



| Tool | Designation | | D _{min} mm | d ₁ mm | f mm | h mm | l ₁ mm | l ₄ mm | l ₂₀ mm | X ₁ mm | γ | λ _s | Type | |
|------|-----------------|--|------------------------|----------------------|---------|---------|----------------------|----------------------|-----------------------|----------------------|-----|----------------|-------|--------|
| | | | | | | | | | | | | | | |
| | W1210-12MR-WL17 | | 17 | 19 | 12 | 12 | 11 | 157 | 21 | 157 | 6.5 | -2.4° | -7.6° | WL17.. |
| | W1210-16RR-WL17 | | 17 | 22 | 16 | 13 | 15 | 207 | 23 | 207 | 6 | -2.4° | -7.6° | |
| | W1210-20SR-WL17 | | 17 | 26 | 20 | 15 | 18 | 257 | 26 | 257 | 6.5 | -2.4° | -7.6° | |
| | W1210-12ML-WL17 | | 17 | 19 | 12 | 12 | 11 | 157 | 21 | 157 | 6.5 | -2.4° | -7.6° | WL17.. |
| | W1210-16RL-WL17 | | 17 | 22 | 16 | 13 | 15 | 207 | 23 | 207 | 6 | -2.4° | -7.6° | |
| | W1210-20SL-WL17 | | 17 | 26 | 20 | 15 | 18 | 257 | 26 | 257 | 6.5 | -2.4° | -7.6° | |

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert:WL17-VC050804N-FM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | WL17.. |
|----------------|--|------|-----------------------|
| | Clamping screw for indexable insert Tightening torque | | FS1457 (T9IP) 2 Nm |
| | Torx key | | FS1466 (T9IP) |

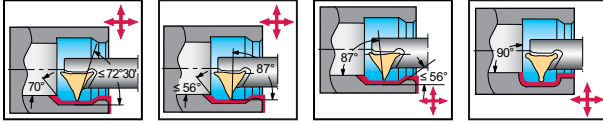
WALTER SELECT ●● Primary application ● Other application

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

Boring bar – Copy turning system

W1210
Walter Turn


- Double internal coolant supply
- Additional coolant hole for blind hole machining



Tool

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | l_4 mm | l_{20} mm | X_1 mm | γ | λ_s | Type | |
|-----------------|--|-----------------|-------------|-----------|-----------|-------------|-------------|----------------|-------------|----------|-------------|-------|--------|
| | | | | | | | | | | | | Type | |
| W1210-25TR-WL25 | | 25 | 34 | 25 | 20 | 23 | 300 | 30 | 310 | 10 | -1.5° | -4.8° | WL25.. |
| W1210-32TR-WL25 | | 25 | 44 | 32 | 27 | 30 | 300 | 31 | 310 | 13.5 | -1.5° | -4.8° | WL25.. |
| W1210-40TR-WL25 | | 25 | 52 | 40 | 31 | 37 | 300 | 35 | 310 | 13.5 | -1.5° | -4.8° | WL25.. |
| W1210-25TL-WL25 | | 25 | 34 | 25 | 20 | 23 | 300 | 30 | 310 | 10 | -1.5° | -4.8° | WL25.. |
| W1210-32TL-WL25 | | 25 | 44 | 32 | 27 | 30 | 300 | 31 | 310 | 13.5 | -1.5° | -4.8° | WL25.. |
| W1210-40TL-WL25 | | 25 | 52 | 40 | 31 | 37 | 300 | 35 | 310 | 13.5 | -1.5° | -4.8° | WL25.. |

Parallel shank with clamping surface

 Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type | WL25.. |
|--|--|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1495 (T20IP) 5 Nm |
| | Threaded plug | FS2082 (T6IP) |
| | Allen key | FS1464 (T20IP) |

Accessories

| | Type | WL25.. |
|--|-------------------------|---------------|
| | Coolant sealing adapter | CN3000-25-8.5 |

**WALTER
SELECT**

 ●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

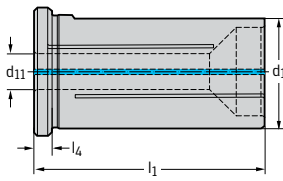
Boring bar adaptor

A2140-W mm




- With Weldon shank in accordance with DIN 9766
- Self-centring for parallel round shank

Tool



Cylindrical shank with flat

| Designation | d ₁ | d ₁₁ mm | l ₁ mm | l ₄ mm |  kg |
|-------------------|----------------|-----------------------|----------------------|----------------------|--|
| A2140-W16-R06-048 | 16 | 6 | 48 | 5 | 0.06 |
| A2140-W16-R08-048 | 16 | 8 | 48 | 5 | 0.06 |
| A2140-W16-R10-048 | 16 | 10 | 48 | 5 | 0.05 |
| A2140-W16-R12-048 | 16 | 12 | 48 | 5 | 0.04 |
| A2140-W20-R06-055 | 20 | 6 | 55 | 5 | 0.11 |
| A2140-W20-R08-055 | 20 | 8 | 55 | 5 | 0.11 |
| A2140-W20-R10-055 | 20 | 10 | 55 | 5 | 0.1 |
| A2140-W20-R12-055 | 20 | 12 | 55 | 5 | 0.09 |
| A2140-W20-R16-055 | 20 | 16 | 55 | 5 | 0.06 |
| A2140-W25-R06-061 | 25 | 6 | 61 | 5 | 0.2 |
| A2140-W25-R08-061 | 25 | 8 | 61 | 5 | 0.19 |
| A2140-W25-R10-061 | 25 | 10 | 61 | 5 | 0.19 |
| A2140-W25-R12-061 | 25 | 12 | 61 | 5 | 0.17 |
| A2140-W25-R16-061 | 25 | 16 | 61 | 5 | 0.14 |
| A2140-W32-R06-065 | 32 | 6 | 65 | 5 | 0.33 |
| A2140-W32-R08-065 | 32 | 8 | 65 | 5 | 0.33 |
| A2140-W32-R10-065 | 32 | 10 | 65 | 5 | 0.33 |
| A2140-W32-R12-065 | 32 | 12 | 65 | 5 | 0.31 |
| A2140-W32-R16-065 | 32 | 16 | 65 | 5 | 0.28 |
| A2140-W32-R20-065 | 32 | 20 | 65 | 5 | 0.25 |
| A2140-W40-R06-075 | 40 | 6 | 75 | 5 | 0.6 |
| A2140-W40-R08-075 | 40 | 8 | 75 | 5 | 0.61 |
| A2140-W40-R10-075 | 40 | 10 | 75 | 5 | 0.62 |
| A2140-W40-R12-075 | 40 | 12 | 75 | 5 | 0.62 |
| A2140-W40-R16-075 | 40 | 16 | 75 | 5 | 0.56 |
| A2140-W40-R20-075 | 40 | 20 | 75 | 5 | 0.55 |
| A2140-W40-R25-075 | 40 | 25 | 75 | 5 | 0.43 |

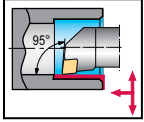
Note: Groove for self-centring is present on all Walter Turn boring bars with cylindrical shank (-R) dia. 6–25 mm. | The maximum recommended coolant pressure is 80 bar (1160 psi)

Boring bar – Rigid clamping

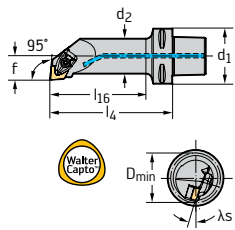
C...-DCLN

Walter Turn

– Walter Capto™



Tool



| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type |
|-------------------|--|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|---------------|
| C4-DCLNR-17090-12 | | 12 | C4 | 32 | 25 | 17 | 90 | -6° | -12° | CN .. 1204 .. |
| C5-DCLNR-17090-12 | | 12 | C5 | 32 | 25 | 17 | 90 | -6° | -12° | |
| C6-DCLNR-17100-12 | | 12 | C6 | 32 | 25 | 17 | 100 | -6° | -12° | |
| C6-DCLNR-27140-16 | | 16 | C6 | 50 | 40 | 27 | 140 | -6° | -16° | CN .. 1606 .. |
| C4-DCLNL-17090-12 | | 12 | C4 | 32 | 25 | 17 | 90 | -6° | -12° | CN .. 1204 .. |
| C5-DCLNL-17090-12 | | 12 | C5 | 32 | 25 | 17 | 90 | -6° | -12° | |
| C6-DCLNL-17100-12 | | 12 | C6 | 32 | 25 | 17 | 100 | -6° | -12° | |
| C6-DCLNL-27140-16 | | 16 | C6 | 50 | 40 | 27 | 140 | -6° | -16° | CN .. 1606 .. |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | CN .. 1204 .. 32 | CN .. 1606 .. 50 |
|------|--------------------------------------|--------------------------|--------------------------|
| | Shim | AP354-CN12 | AP302-CN16 |
| | Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1470 | FS1471 |
| | Pin | RS117 | RS117 |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

Accessories

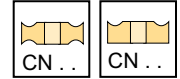
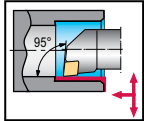
| Type | CN .. 1204 .. | CN .. 1606 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK241-SET | |
| Insert with hole Carbide clamp set | PK245-SET | |
| (standard assembly parts) Clamp set | | PK242-SET |
| Insert with hole Carbide clamp set | | PK246-SET |
| Insert with hole Carbide clamp set | PK254-SET | |

Boring bar – Lever clamping

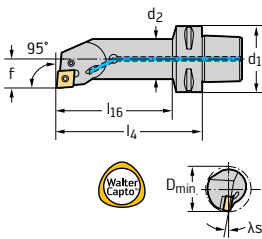
C...-PCLN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|-------------------|--|----------------|---------------------|-------------------|------|-------------------|--------------------|-----|----------------|------|---------------|
| C3-PCLNR-17090-12 | | 12 | C3 | 32 | 25 | 17 | 90 | 75 | -6° | -11° | CN .. 1204 .. |
| C4-PCLNR-17090-12 | | 12 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | |
| C4-PCLNR-22110-12 | | 12 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -11° | CN .. 1606 .. |
| C4-PCLNR-27080-12 | | 12 | C4 | 50 | 40 | 27 | 80 | 60 | -6° | -10° | |
| C4-PCLNR-27120-12 | | 12 | C4 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | CN .. 1204 .. |
| C5-PCLNR-17090-12 | | 12 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | |
| C5-PCLNR-22110-12 | | 12 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -11° | CN .. 1606 .. |
| C5-PCLNR-27140-12 | | 12 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | |
| C5-PCLNR-35100-12 | | 12 | C5 | 63 | 50 | 35 | 100 | 81 | -6° | -7° | CN .. 1204 .. |
| C6-PCLNR-17100-12 | | 12 | C6 | 32 | 25 | 17 | 100 | 74 | -6° | -11° | |
| C6-PCLNR-22110-12 | | 12 | C6 | 40 | 32 | 22 | 110 | 84 | -6° | -11° | CN .. 1606 .. |
| C5-PCLNR-35150-16 | | 16 | C5 | 63 | 50 | 35 | 150 | 131 | -6° | -11° | |
| C6-PCLNR-27140-16 | | 16 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | CN .. 1204 .. |
| C6-PCLNR-35175-16 | | 16 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -11° | |
| C3-PCLNL-17090-12 | | 12 | C3 | 32 | 25 | 17 | 90 | 75 | -6° | -11° | CN .. 1606 .. |
| C4-PCLNL-17090-12 | | 12 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | |
| C4-PCLNL-22110-12 | | 12 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -11° | CN .. 1204 .. |
| C4-PCLNL-27080-12 | | 12 | C4 | 50 | 40 | 27 | 80 | 60 | -6° | -10° | |
| C4-PCLNL-27120-12 | | 12 | C4 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | CN .. 1606 .. |
| C5-PCLNL-17090-12 | | 12 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | |
| C5-PCLNL-22110-12 | | 12 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -11° | CN .. 1204 .. |
| C5-PCLNL-27140-12 | | 12 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | |
| C5-PCLNL-35100-12 | | 12 | C5 | 63 | 50 | 35 | 100 | 81 | -6° | -7° | CN .. 1606 .. |
| C6-PCLNL-17100-12 | | 12 | C6 | 32 | 25 | 17 | 100 | 74 | -6° | -11° | |
| C6-PCLNL-22110-12 | | 12 | C6 | 40 | 32 | 22 | 110 | 84 | -6° | -11° | CN .. 1204 .. |
| C5-PCLNL-35150-16 | | 16 | C5 | 63 | 50 | 35 | 150 | 131 | -6° | -11° | |
| C6-PCLNL-27140-16 | | 16 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | CN .. 1606 .. |
| C6-PCLNL-35175-16 | | 16 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -11° | |

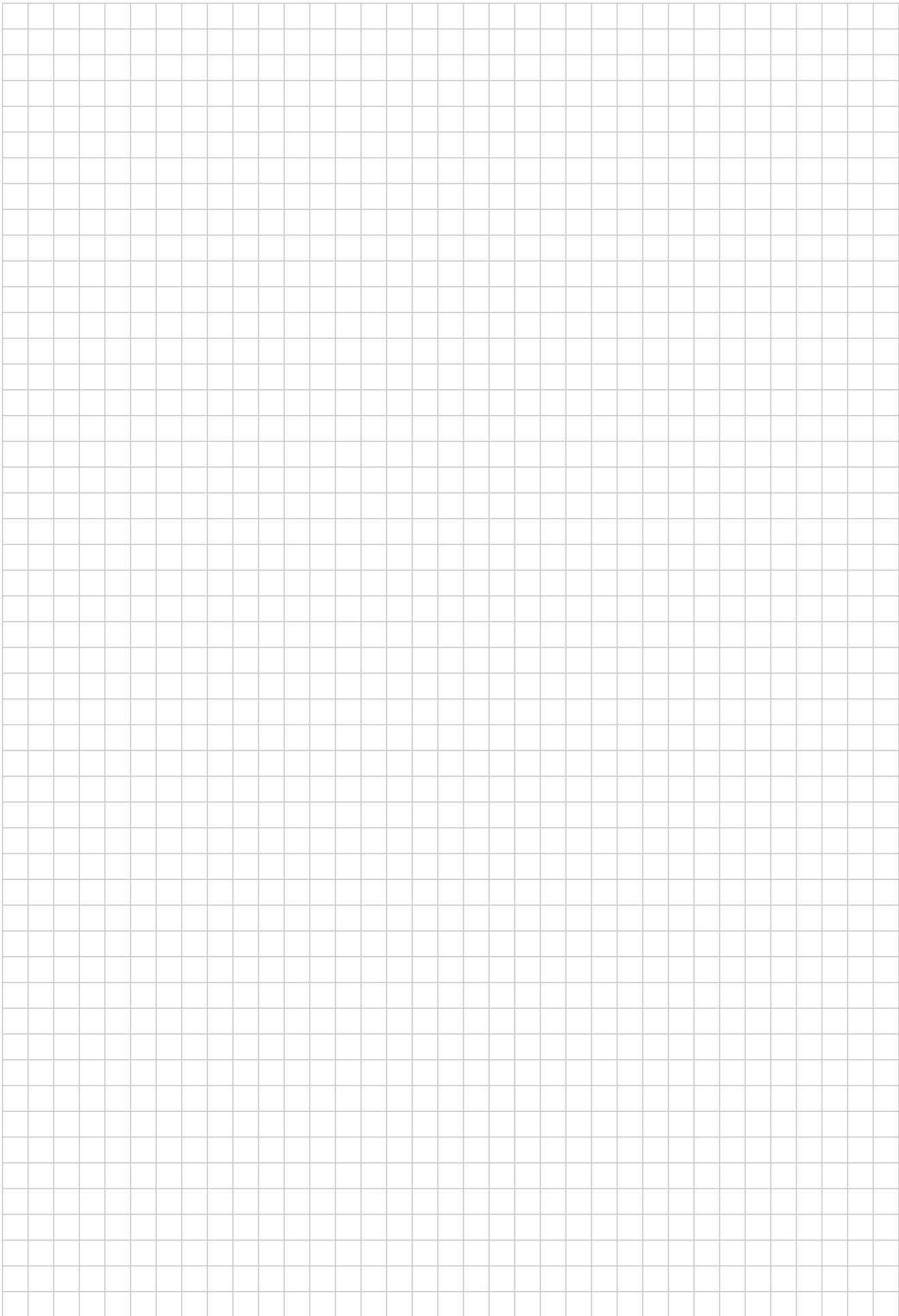
Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | CN .. 1204 .. 32 | CN .. 1204 .. 40-63 | CN .. 1606 .. 50-63 |
|------|-------------------------------------|--------------------------|------------------------|------------------------|
| | Shim | | AP134-CN1216 | AP135-CN1624 |
| | Lever | KN109 | KN102 | KN104 |
| | Clamping screw Tightening torque | FS332 (SW 2.5) 2.5 Nm | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm |
| | Shim pin | | RS102 | RS103 |
| | Tapered assembly pin | | MD101 | MD102 |
| | Allen key | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

Accessories

| Type | CN .. 1204 .. | CN .. 1606 .. | |
|------|---------------|---------------|--------------|
| | Shim | AP134-CN1208 | AP135-CN1616 |

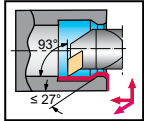


Boring bar – Rigid clamping

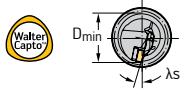
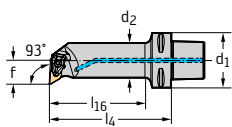
C...-DDUN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|-------------------|--|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|------|---------------|
| C4-DDUNR-17090-11 | | 11 | C4 | 32 | 25 | 17 | 90 | 68 | -6° | -12° | DN .. 1104 .. |
| C5-DDUNR-17090-11 | | 11 | C5 | 32 | 25 | 17 | 90 | 66 | -6° | -12° | |
| C4-DDUNR-27080-15 | | 15 | C4 | 50 | 40 | 27 | 80 | 59 | -6° | -11° | DN .. 1506 .. |
| C5-DDUNR-27140-15 | | 15 | C5 | 50 | 40 | 27 | 140 | 118 | -6° | -11° | |
| C6-DDUNR-27140-15 | | 15 | C6 | 50 | 40 | 27 | 140 | 114 | -6° | -11° | DN .. 1104 .. |
| C4-DDUNL-17090-11 | | 11 | C4 | 32 | 25 | 17 | 90 | 68 | -6° | -12° | |
| C5-DDUNL-17090-11 | | 11 | C5 | 32 | 25 | 17 | 90 | 66 | -6° | -12° | DN .. 1506 .. |
| C4-DDUNL-27080-15 | | 15 | C4 | 50 | 40 | 27 | 80 | 59 | -6° | -11° | |
| C5-DDUNL-27140-15 | | 15 | C5 | 50 | 40 | 27 | 140 | 118 | -6° | -11° | DN .. 1506 .. |
| C6-DDUNL-27140-15 | | 15 | C6 | 50 | 40 | 27 | 140 | 114 | -6° | -11° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type D _{min} [mm] | DN .. 1104 .. 32 | DN .. 1506 .. 50 |
|--------------------------------------|-------------------------|--------------------------|
| Shim | AP305-DN11 | AP304-DN15 |
| Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| Clamp | PK240 | PK241 |
| Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | FS1469 | FS1470 |
| Pin | RS116 | RS117 |
| Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

Accessories

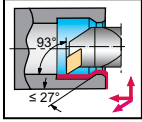
| Type | DN .. 1104 .. | DN .. 1506 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert without hole Carbide clamp set | | PK245-SET |
| Insert without hole Carbide clamp set | | PK254-SET |
| Shim for DN .. 1504 .. | | AP304-DN1504 |

Boring bar – Lever clamping

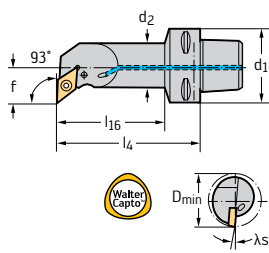
C...-PDUN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623




| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|-------------------|--|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|------|---------------|
| C3-PDUNR-17090-11 | | 11 | C3 | 32 | 25 | 17 | 90 | 75 | -6° | -11° | DN .. 1104 .. |
| C4-PDUNR-17090-11 | | 11 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | |
| C4-PDUNR-22110-11 | | 11 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -10° | |
| C5-PDUNR-17090-11 | | 11 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | |
| C5-PDUNR-22110-11 | | 11 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -10° | |
| C6-PDUNR-17100-11 | | 11 | C6 | 32 | 25 | 17 | 100 | 74 | -6° | -11° | DN .. 1506 .. |
| C4-PDUNR-27080-15 | | 15 | C4 | 50 | 40 | 27 | 80 | 60 | -6° | -11° | |
| C4-PDUNR-27120-15 | | 15 | C4 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | |
| C5-PDUNR-27140-15 | | 15 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -11° | |
| C5-PDUNR-35100-15 | | 15 | C5 | 63 | 50 | 35 | 100 | 81 | -6° | -10° | |
| C5-PDUNR-35150-15 | | 15 | C5 | 63 | 50 | 35 | 150 | 131 | -6° | -10° | DN .. 1104 .. |
| C6-PDUNR-27140-15 | | 15 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | |
| C6-PDUNR-35175-15 | | 15 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | |
| C3-PDUNL-17090-11 | | 11 | C3 | 32 | 25 | 17 | 90 | 75 | -6° | -11° | |
| C4-PDUNL-17090-11 | | 11 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | |
| C4-PDUNL-22110-11 | | 11 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -10° | DN .. 1506 .. |
| C5-PDUNL-17090-11 | | 11 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | |
| C5-PDUNL-22110-11 | | 11 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -10° | |
| C6-PDUNL-17100-11 | | 11 | C6 | 32 | 25 | 17 | 100 | 74 | -6° | -11° | |
| C4-PDUNL-27080-15 | | 15 | C4 | 50 | 40 | 27 | 80 | 60 | -6° | -11° | |
| C4-PDUNL-27120-15 | | 15 | C4 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | DN .. 1104 .. |
| C5-PDUNL-27140-15 | | 15 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -11° | |
| C5-PDUNL-35100-15 | | 15 | C5 | 63 | 50 | 35 | 100 | 81 | -6° | -10° | |
| C5-PDUNL-35150-15 | | 15 | C5 | 63 | 50 | 35 | 150 | 131 | -6° | -10° | |
| C6-PDUNL-27140-15 | | 15 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | |
| C6-PDUNL-35175-15 | | 15 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | DN .. 1104 .. 32 | DN .. 1104 .. 40 | DN .. 1506 .. 50-63 |
|------|-------------------------------------|----------------------|------------------------|------------------------|
| | Shim | | AP171-DN1112 | AP145-DN1516 |
| | Lever | KN120 | KN119 | KN103 |
| | Clamping screw Tightening torque | FS905 (SW 2) 2 Nm | FS351 (SW 2.5) 2 Nm | FS355 (SW 3) 5 Nm |
| | Shim pin | | RS101 | RS102 |
| | Tapered assembly pin | | MD101 | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) |

Accessories

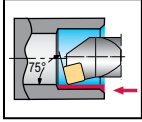
| | Type | DN .. 1104 .. | DN .. 1506 .. |
|---|------------------------|---------------|---------------|
|  | Shim | AP171-DN1108 | AP145-DN1508 |
|  | Shim for DN .. 1504 .. | | AP357-DN1508 |
|  | Shim for DN .. 1504 .. | | AP357-DN1516 |

Boring bar – Lever clamping

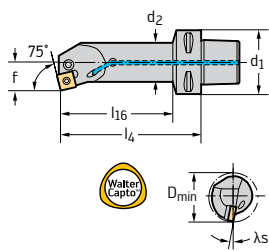
C...-PSKN

Walter Turn

– Walter Capto™



Tool



| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|-------------------|--|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|------|---------------|
| C5-PSKNR-27140-12 | | 12 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | SN .. 1204 .. |
| C6-PSKNR-35175-15 | | 15 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -9° | SN .. 1506 .. |
| C5-PSKNL-27140-12 | | 12 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | SN .. 1204 .. |
| C6-PSKNL-35175-15 | | 15 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -9° | SN .. 1506 .. |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | SN .. 1204 .. 50 | SN .. 1506 .. 63 |
|------|-------------------------------------|----------------------|----------------------|
| | Shim | AP141-SN1216 | AP142-SN1524 |
| | Lever | KN102 | KN104 |
| | Clamping screw Tightening torque | FS352 (SW 3) 5 Nm | FS354 (SW 3) 5 Nm |
| | Shim pin | RS102 | RS103 |
| | Tapered assembly pin | MD101 | MD102 |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

Accessories

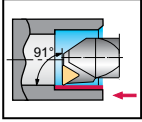
| Type | SN .. 1204 .. | SN .. 1506 .. | |
|------|---------------|---------------|--------------|
| | Shim | AP141-SN1208 | AP142-SN1516 |

Boring bar – Lever clamping

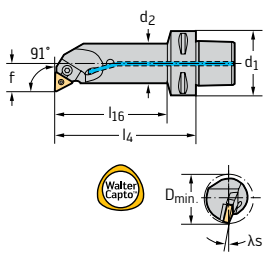
C...-PTFN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type |
|--------------------|----|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|---------------|
| C4-PTFNR-17090-16W | 16 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -13° | TN .. 1604 .. |
| C4-PTFNR-22110-16W | 16 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -12° | |
| C5-PTFNR-17090-16W | 16 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -13° | |
| C5-PTFNR-22110-16W | 16 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -12° | |
| C6-PTFNR-22110-16W | 16 | C6 | 40 | 32 | 22 | 110 | 84 | -6° | -12° | |
| C5-PTFNR-35150-22W | 22 | C5 | 63 | 50 | 35 | 150 | 131 | -6° | -11° | TN .. 2204 .. |
| C6-PTFNR-27140-22W | 22 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | |
| C6-PTFNR-35175-22W | 22 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | |
| C4-PTFNL-17090-16W | 16 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -13° | TN .. 1604 .. |
| C4-PTFNL-22110-16W | 16 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -12° | |
| C5-PTFNL-17090-16W | 16 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -13° | |
| C5-PTFNL-22110-16W | 16 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -12° | |
| C6-PTFNL-22110-16W | 16 | C6 | 40 | 32 | 22 | 110 | 84 | -6° | -12° | |
| C5-PTFNL-35150-22W | 22 | C5 | 63 | 50 | 35 | 150 | 131 | -6° | -10° | TN .. 2204 .. |
| C6-PTFNL-27140-22W | 22 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | |
| C6-PTFNL-35175-22W | 22 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

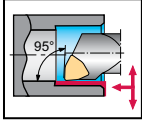
| Type | D _{min} [mm] | TN .. 1604 .. 32 | TN .. 1604 .. 40 | TN .. 2204 .. 50-63 |
|------|-----------------------|---------------------|---------------------|------------------------|
| | Shim | | AP147 | AP148 |
| | Wedge set | FK307 | FK308 | FK309 |
| | Pin | RS113 | RS114 | RS115 |
| | Screw | FS1156 (T9IP) | FS1156 (T9IP) | FS1158 (T15IP) |
| | Allen key | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) | ISO2936-4 (SW 4) |

Boring bar – Rigid clamping

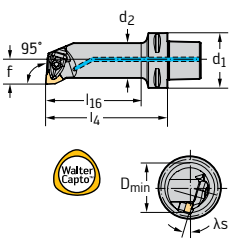
C...-DWLN

Walter Turn

– Walter Capto™



Tool



| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type |
|------------------|----|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|---------------|
| C4-DWLN-13075-06 | 6 | C4 | 27 | 20 | 13 | 75 | 52 | -6° | -17° | WN .. 0604 .. |
| C4-DWLN-17090-08 | 8 | C4 | 33 | 25 | 17 | 90 | 68 | -6° | -12° | WN .. 0804 .. |
| C5-DWLN-17090-08 | 8 | C5 | 33 | 25 | 17 | 90 | 66 | -6° | -12° | |
| C6-DWLN-27140-10 | 10 | C6 | 50 | 40 | 27 | 140 | 114 | -6° | -16° | WN .. 1006 .. |
| C4-DWLN-13075-06 | 6 | C4 | 27 | 20 | 13 | 75 | 52 | -6° | -17° | WN .. 0604 .. |
| C4-DWLN-17090-08 | 8 | C4 | 33 | 25 | 17 | 90 | 68 | -6° | -12° | WN .. 0804 .. |
| C5-DWLN-17090-08 | 8 | C5 | 33 | 25 | 17 | 90 | 66 | -6° | -12° | |
| C6-DWLN-27140-10 | 10 | C6 | 50 | 40 | 27 | 140 | 114 | -6° | -16° | WN .. 1006 .. |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | WN .. 0604 .. 27 | WN .. 0804 .. 33 | WN .. 1006 .. 50 |
|------|--------------------------------------|-------------------------|--------------------------|--------------------------|
| | Shim | AP306-WN06 | AP331-WN08 | AP311-WN10 |
| | Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| | Clamp | PK240 | PK241 | PK242 |
| | Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| | Pressure spring | FS1469 | FS1470 | FS1471 |
| | Pin | RS116 | RS117 | RS117 |
| | Torx key | FS1466 (T9IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

Accessories

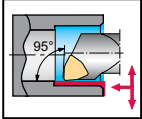
| Type | WN .. 0604 .. | WN .. 0804 .. | WN .. 1006 .. |
|--|---------------|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET | PK242-SET |
| Insert with hole Carbide clamp set | | PK245-SET | PK246-SET |
| Insert with hole Carbide clamp set | | PK254-SET | |

Boring bar – Lever clamping

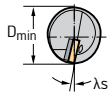
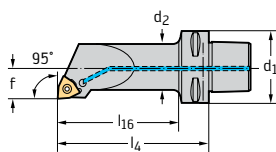
C...-PWLN

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type |
|-------------------|---|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|---------------|
| C3-PWLNR-13075-06 | 6 | C3 | 25 | 20 | 13 | 75 | 58 | -6° | -15° | WN .. 0604 .. |
| C4-PWLNR-13075-06 | 6 | C4 | 25 | 20 | 13 | 75 | 52 | -6° | -15° | |
| C4-PWLNR-17090-06 | 6 | C4 | 32 | 25 | 17 | 90 | 68 | -6° | -10° | WN .. 0804 .. |
| C4-PWLNR-17090-08 | 8 | C4 | 32 | 25 | 17 | 90 | 67 | -6° | -10° | |
| C4-PWLNR-22110-08 | 8 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -10° | WN .. 0804 .. |
| C4-PWLNR-27120-08 | 8 | C4 | 50 | 40 | 27 | 120 | 100 | -6° | -10° | |
| C5-PWLNR-17090-08 | 8 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -10° | WN .. 0804 .. |
| C5-PWLNR-22110-08 | 8 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -14° | |
| C5-PWLNR-27140-08 | 8 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | WN .. 0804 .. |
| C6-PWLNR-27140-08 | 8 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -10° | |
| C6-PWLNR-35175-08 | 8 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | WN .. 0604 .. |
| C3-PWLNL-13075-06 | 6 | C3 | 25 | 20 | 13 | 75 | 58 | -6° | -15° | |
| C4-PWLNL-13075-06 | 6 | C4 | 25 | 20 | 13 | 75 | 52 | -6° | -15° | WN .. 0804 .. |
| C4-PWLNL-17090-06 | 6 | C4 | 32 | 25 | 17 | 90 | 68 | -6° | -12° | |
| C4-PWLNL-17090-08 | 8 | C4 | 32 | 25 | 17 | 90 | 69 | -6° | -14° | WN .. 0804 .. |
| C4-PWLNL-22110-08 | 8 | C4 | 40 | 32 | 22 | 110 | 89 | -6° | -10° | |
| C4-PWLNL-27120-08 | 8 | C4 | 50 | 40 | 27 | 120 | 100 | -6° | -10° | WN .. 0804 .. |
| C5-PWLNL-17090-08 | 8 | C5 | 32 | 25 | 17 | 90 | 67 | -6° | -10° | |
| C5-PWLNL-22110-08 | 8 | C5 | 40 | 32 | 22 | 110 | 88 | -6° | -14° | WN .. 0804 .. |
| C5-PWLNL-27140-08 | 8 | C5 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | |
| C6-PWLNL-27140-08 | 8 | C6 | 50 | 40 | 27 | 140 | 115 | -6° | -10° | WN .. 0804 .. |
| C6-PWLNL-35175-08 | 8 | C6 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | |

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | WN .. 0604 .. 25–32 | WN .. 0804 .. 32 | WN .. 0804 .. 40 | WN .. 0804 .. 50–63 |
|------|-------------------------------------|------------------------|--------------------------|-----------------------|------------------------|
| | Shim | | | AP170-WN0816 | AP170-WN0816 |
| | Lever | KN108 | KN109 | KN121 | KN102 |
| | Clamping screw Tightening torque | FS331 (SW 2) 2 Nm | FS332 (SW 2.5) 2.5 Nm | FS2129 (SW 3) 5 Nm | FS352 (SW 3) 5 Nm |
| | Shim pin | | | RS102 | RS102 |
| | Tapered assembly pin | | | MD101 | MD101 |
| | Allen key | ISO2936-2 (SW 2) | ISO2936-2.5 (SW 2.5) | ISO2936-3 (SW 3) | ISO2936-3 (SW 3) |

Accessories

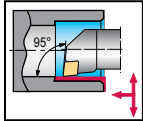
| Type | WN .. 0604 .. | WN .. 0804 .. |
|------|---------------|---------------|
| | | AP170-WN0808 |

Boring bar – Screw clamping

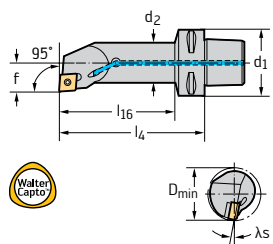
C...-SCLC

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|-------------------|--|----------------|------------------------|----------------------|---------|----------------------|-----------------------|-----|----------------|-------|---------------|
| C3-SCLCR-11065-09 | | 9 | C3 | 20 | 16 | 11 | 65 | 48 | 0° | -8.4° | CC .. 09T3 .. |
| C3-SCLCR-17090-09 | | 9 | C3 | 32 | 25 | 17 | 90 | 74 | 0° | -3.4° | |
| C4-SCLCR-11070-09 | | 9 | C4 | 20 | 16 | 11 | 70 | 47 | 0° | -8.4° | |
| C4-SCLCR-13080-09 | | 9 | C4 | 25 | 20 | 13 | 80 | 57 | 0° | -5.8° | |
| C4-SCLCR-17090-09 | | 9 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -3.4° | |
| C5-SCLCR-11070-09 | | 9 | C5 | 20 | 16 | 11 | 70 | 46 | 0° | -8.4° | |
| C5-SCLCR-13080-09 | | 9 | C5 | 25 | 20 | 13 | 80 | 56 | 0° | -5.8° | |
| C5-SCLCR-17090-09 | | 9 | C5 | 32 | 25 | 17 | 90 | 67 | 0° | -3.4° | |
| C4-SCLCR-17090-12 | | 12 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -4.6° | CC .. 1204 .. |
| C5-SCLCR-22110-12 | | 12 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -9.8° | |
| C5-SCLCR-27140-12 | | 12 | C5 | 50 | 40 | 27 | 140 | 119 | 0° | -7.2° | |
| C3-SCLCL-11065-09 | | 9 | C3 | 20 | 16 | 11 | 65 | 48 | 0° | -8.4° | CC .. 09T3 .. |
| C3-SCLCL-17090-09 | | 9 | C3 | 32 | 25 | 17 | 90 | 74 | 0° | -3.4° | |
| C4-SCLCL-11070-09 | | 9 | C4 | 20 | 16 | 11 | 70 | 47 | 0° | -8.4° | |
| C4-SCLCL-13080-09 | | 9 | C4 | 25 | 20 | 13 | 80 | 57 | 0° | -5.8° | |
| C4-SCLCL-17090-09 | | 9 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -3.4° | |
| C5-SCLCL-11070-09 | | 9 | C5 | 20 | 16 | 11 | 70 | 46 | 0° | -8.5° | |
| C5-SCLCL-13080-09 | | 9 | C5 | 25 | 20 | 13 | 80 | 56 | 0° | -5.8° | |
| C5-SCLCL-17090-09 | | 9 | C5 | 32 | 25 | 17 | 90 | 67 | 0° | -3.4° | |
| C4-SCLCL-17090-12 | | 12 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -4.6° | CC .. 1204 .. |
| C5-SCLCL-22110-12 | | 12 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -9.8° | |
| C5-SCLCL-27140-12 | | 12 | C5 | 50 | 40 | 27 | 140 | 119 | 0° | -7.2° | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | D _{min} [mm] | CC .. 09T3 .. 20–25 | CC .. 09T3 .. 32 | CC .. 1204 .. 32 | CC .. 1204 .. 40–50 |
|--|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Clamping screw for indexable insert Tightening torque | | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm | FS2064 (T15IP) 3 Nm | FS2065 (T15IP) 3 Nm |
| Shim | | | | | AP314-CC1212 |
| Screw for shim | | | | | FS2069 (SW 4) |
| Torx key | | FS1465 (T15IP) | FS1465 (T15IP) | FS1496 (T15IP) | FS1496 (T15IP) |

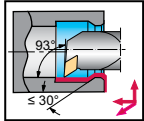
Boring bar – Screw clamping

C...-SDUC

Walter Turn



– Walter Capto™



| Tool | Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | | |
|---|-------------------|-------------------|----------------|---------------------|-------------------|------|-------------------|--------------------|-----|----------------|-------|---------------|---------------|
| | | | | | | | | | | | | | |
| <p>Walter Capto™ in acc. with ISO 26623</p> | C3-SDUCR-11065-07 | | 7 | C3 | 20 | 16 | 11 | 65 | 48 | 0° | -4.3° | DC .. 0702 .. | |
| | C4-SDUCR-11070-07 | | 7 | C4 | 20 | 16 | 11 | 70 | 47 | 0° | -4.3° | | |
| | C5-SDUCR-11070-07 | | 7 | C5 | 20 | 16 | 11 | 70 | 46 | 0° | -4.3° | | |
| | | C3-SDUCR-13075-11 | | 11 | C3 | 25 | 20 | 13 | 75 | 58 | 0° | -5.8° | DC .. 11T3 .. |
| | | C3-SDUCR-17090-11 | | 11 | C3 | 32 | 25 | 17 | 90 | 73 | 0° | -3.4° | |
| | | C4-SDUCR-13080-11 | | 11 | C4 | 25 | 20 | 13 | 80 | 57 | 0° | -5.8° | |
| | | C4-SDUCR-17090-11 | | 11 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -3.4° | |
| | | C4-SDUCR-22110-11 | | 11 | C4 | 40 | 32 | 22 | 110 | 89 | 0° | -7.6° | |
| | | C4-SDUCR-27080-11 | | 11 | C4 | 50 | 40 | 27 | 80 | 60 | 0° | -5.4° | |
| | | C5-SDUCR-13080-11 | | 11 | C5 | 25 | 20 | 13 | 80 | 56 | 0° | -5.8° | |
| | C5-SDUCR-17090-11 | | 11 | C5 | 32 | 25 | 17 | 90 | 67 | 0° | -3.4° | | |
| | C5-SDUCR-22110-11 | | 11 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -7.6° | | |
| | C3-SDUCL-11065-07 | | 7 | C3 | 20 | 16 | 11 | 65 | 48 | 0° | -4.3° | DC .. 0702 .. | |
| | C4-SDUCL-11070-07 | | 7 | C4 | 20 | 16 | 11 | 70 | 47 | 0° | -4.3° | | |
| | C5-SDUCL-11070-07 | | 7 | C5 | 20 | 16 | 11 | 70 | 46 | 0° | -4.3° | | |
| | C3-SDUCL-13075-11 | | 11 | C3 | 25 | 20 | 13 | 75 | 58 | 0° | -5.8° | DC .. 11T3 .. | |
| | C3-SDUCL-17090-11 | | 11 | C3 | 32 | 25 | 17 | 90 | 73 | 0° | -3.4° | | |
| | C4-SDUCL-13080-11 | | 11 | C4 | 25 | 20 | 13 | 80 | 57 | 0° | -5.8° | | |
| | C4-SDUCL-17090-11 | | 11 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -3.4° | | |
| | C4-SDUCL-22110-11 | | 11 | C4 | 40 | 32 | 22 | 110 | 89 | 0° | -7.6° | | |
| | C4-SDUCL-27080-11 | | 11 | C4 | 50 | 40 | 27 | 80 | 60 | 0° | -5.4° | | |
| | C5-SDUCL-13080-11 | | 11 | C5 | 25 | 20 | 13 | 80 | 56 | 0° | -5.8° | | |
| | C5-SDUCL-17090-11 | | 11 | C5 | 32 | 25 | 17 | 90 | 67 | 0° | -3.4° | | |
| | C5-SDUCL-22110-11 | | 11 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -7.6° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

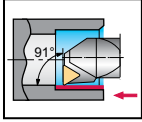
| Assembly parts | | DC .. 0702 .. 20 | DC .. 11T3 .. 25 | DC .. 11T3 .. 32 | DC .. 11T3 .. 40-50 |
|----------------|--|-------------------------|------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2062 (T15IP) 3 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | | | AP315-DC1108 |
| | Screw for shim | | | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) | FS1465 (T15IP) |

Boring bar – Screw clamping

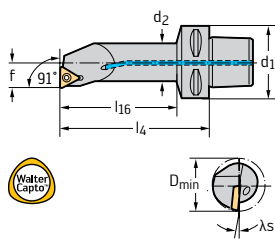
C...-STFC

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type |
|-------------------|----|----------------|------------------------|----------------------|---------|----------------------|-----------------------|----|----------------|---------------|
| C4-STFCR-11070-11 | 11 | C4 | 20 | 16 | 11 | 70 | 47 | 0° | -12° | TC .. 1102 .. |
| C5-STFCR-11070-11 | 11 | C5 | 20 | 16 | 11 | 70 | 46 | 0° | -12° | |
| C5-STFCR-13080-11 | 11 | C5 | 25 | 20 | 13 | 80 | 56 | 0° | -3° | TC .. 16T3 .. |
| C4-STFCR-17090-16 | 16 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -3.4° | |
| C4-STFCR-22110-16 | 16 | C4 | 40 | 32 | 22 | 110 | 89 | 0° | -7.9° | TC .. 16T3 .. |
| C5-STFCR-17090-16 | 16 | C5 | 32 | 25 | 17 | 90 | 67 | 0° | -3.4° | |
| C5-STFCR-22110-16 | 16 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -7.9° | TC .. 1102 .. |
| C4-STFCL-11070-11 | 11 | C4 | 20 | 16 | 11 | 70 | 47 | 0° | -12° | |
| C5-STFCL-11070-11 | 11 | C5 | 20 | 16 | 11 | 70 | 46 | 0° | -12° | TC .. 16T3 .. |
| C5-STFCL-13080-11 | 11 | C5 | 25 | 20 | 13 | 80 | 56 | 0° | -10.3° | |
| C4-STFCL-17090-16 | 16 | C4 | 32 | 25 | 17 | 90 | 68 | 0° | -3.4° | TC .. 16T3 .. |
| C4-STFCL-22110-16 | 16 | C4 | 40 | 32 | 22 | 110 | 89 | 0° | -7.9° | |
| C5-STFCL-17090-16 | 16 | C5 | 32 | 25 | 17 | 90 | 67 | 0° | -3.4° | TC .. 16T3 .. |
| C5-STFCL-22110-16 | 16 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -7.9° | |

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type D _{min} [mm] | TC .. 1102 .. 20–25 | TC .. 16T3 .. 32 | TC .. 16T3 .. 40 |
|--|--|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | | AP317-TC1612 |
| | Screw for shim | | | FS2068 (SW 3.5) |
| | Torx key | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

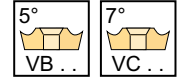
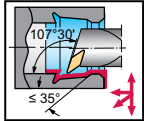
Boring bar – Screw clamping

C...-SVQB

Walter Turn



– Walter Capto™



| Tool | | Designation | | d ₁ | D _{min} mm | d ₂ mm | f mm | l ₄ mm | l ₁₆ mm | γ | λ _s | Type | |
|---|-------------------|-------------------|----|----------------|---------------------|-------------------|------|-------------------|--------------------|-----|----------------|--------|---------------|
| <p>Walter Capto™ in acc. with ISO 26623</p> | | C3-SVQBR-13070-11 | | 11 | C3 | 22 | 16 | 13 | 70 | 53 | 0° | -6.9° | VB .. 1103 .. |
| | | C4-SVQBR-13070-11 | | 11 | C4 | 25 | 20 | 13 | 70 | 47 | 0° | -5.7° | |
| | | C4-SVQBR-15080-11 | | 11 | C4 | 27 | 20 | 15 | 80 | 57 | 0° | -5° | |
| | | C5-SVQBR-15080-11 | | 11 | C5 | 27 | 20 | 15 | 80 | 56 | 0° | -5° | |
| | | C4-SVQBR-18090-16 | | 16 | C4 | 33 | 25 | 18 | 90 | 68 | 0° | -7.2° | VB .. 1604 .. |
| | | C4-SVQBR-22110-16 | | 16 | C4 | 40 | 32 | 22 | 110 | 89 | 0° | -10.9° | |
| | | C4-SVQBR-27080-16 | | 16 | C4 | 50 | 40 | 27 | 80 | 60 | 0° | -7.9° | |
| | | C4-SVQBR-27120-16 | | 16 | C4 | 50 | 40 | 27 | 120 | 100 | 0° | -7.9° | |
| | | C5-SVQBR-18090-16 | | 16 | C5 | 33 | 25 | 18 | 90 | 67 | 0° | -7.2° | |
| | | C5-SVQBR-22110-16 | | 16 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -10.9° | |
| | | C5-SVQBR-27140-16 | | 16 | C5 | 50 | 40 | 27 | 140 | 119 | 0° | -7.9° | |
| | | C5-SVQBR-35150-16 | | 16 | C5 | 63 | 50 | 35 | 150 | 130 | 0° | -5.4° | |
| | | C6-SVQBR-22120-16 | | 16 | C6 | 40 | 32 | 22 | 120 | 94 | 0° | -10.9° | |
| | | C6-SVQBR-27145-16 | | 16 | C6 | 50 | 40 | 27 | 145 | 120 | 0° | -7.9° | |
| | | C6-SVQBR-35175-16 | | 16 | C6 | 63 | 50 | 35 | 175 | 151 | 0° | -5.4° | |
| | | C3-SVQBL-13070-11 | | 11 | C3 | 22 | 16 | 13 | 70 | 53 | 0° | -6.9° | |
| | | C4-SVQBL-13070-11 | | 11 | C4 | 25 | 20 | 13 | 70 | 48 | 0° | -5.7° | |
| | | C4-SVQBL-15080-11 | | 11 | C4 | 27 | 20 | 15 | 80 | 57 | 0° | -5° | |
| | | C5-SVQBL-15080-11 | | 11 | C5 | 27 | 20 | 15 | 80 | 56 | 0° | -5° | |
| | | C4-SVQBL-18090-16 | | 16 | C4 | 33 | 25 | 18 | 90 | 68 | 0° | -7.2° | VB .. 1604 .. |
| | C4-SVQBL-22110-16 | | 16 | C4 | 40 | 32 | 22 | 110 | 89 | 0° | -10.9° | | |
| | C4-SVQBL-27080-16 | | 16 | C4 | 50 | 40 | 27 | 80 | 60 | 0° | -7.9° | | |
| | C4-SVQBL-27120-16 | | 16 | C4 | 50 | 40 | 27 | 120 | 100 | 0° | -7.9° | | |
| | C5-SVQBL-18090-16 | | 16 | C5 | 33 | 25 | 18 | 90 | 67 | 0° | -7.2° | | |
| | C5-SVQBL-22110-16 | | 16 | C5 | 40 | 32 | 22 | 110 | 88 | 0° | -10.9° | | |
| | C5-SVQBL-27140-16 | | 16 | C5 | 50 | 40 | 27 | 140 | 119 | 0° | -7.9° | | |
| | C5-SVQBL-35150-16 | | 16 | C5 | 63 | 50 | 35 | 150 | 130 | 0° | -5.4° | | |
| | C6-SVQBL-22120-16 | | 16 | C6 | 40 | 32 | 22 | 120 | 94 | 0° | -10.9° | | |
| | C6-SVQBL-27145-16 | | 16 | C6 | 50 | 40 | 27 | 145 | 120 | 0° | -7.9° | | |
| | C6-SVQBL-35175-16 | | 16 | C6 | 63 | 50 | 35 | 175 | 151 | 0° | -5.4° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | VB .. 1103 .. 22–27 | VB .. 1604 .. 33 | VB .. 1604 .. 40–63 |
|----------------|--|------|-------------------------|------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS2172 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm | FS2060 (T15IP) 3 Nm |
| | Shim | | | AP316-VB1608 | AP316-VB1608 |
| | Screw for shim | | | FS2068 (SW 3.5) | FS2068 (SW 3.5) |
| | Torx key | | FS1490 (T7IP) | FS1465 (T15IP) | FS1465 (T15IP) |

| Accessories | | Type | VB .. 1103 .. | VB .. 1604 .. |
|-------------|------|------|---------------|---------------|
| | Shim | | | AP330-VB1612 |

Cylinder shaft adaptor – vibration damped

A3000
Accure-tec®

- For QuadFit exchangeable heads
- With preset vibration damping



| Tool | Designation | d ₁ mm | d ₁₁ | l ₄ mm | l ₅ mm | l ₁ mm | d ₁₃ | kg |
|--|---------------------|----------------------|-----------------|----------------------|----------------------|----------------------|-----------------|-----|
| Parallel shank with clamping surface | A3000-25-Q25-130 | 25 | Q25 | 130 | 100 | 234.5 | G 1/4 | 1.1 |
| | A3000-32-Q32-160 | 32 | Q32 | 160 | 128 | 293.4 | G 1/4 | 1.8 |
| | A3000-32-Q32-224 | 32 | Q32 | 224 | 128 | 357.4 | G 1/4 | 6 |
| | A3000-40-Q40-208 | 40 | Q40 | 208 | 160 | 374.4 | G 1/4 | 3.8 |
| | A3000-40-Q40-288 | 40 | Q40 | 288 | 160 | 454.4 | G 1/4 | 4.6 |
| | A3000-50-Q50-268 | 50 | Q50 | 268 | 200 | 475.4 | G 1/4 | 7.5 |
| | A3000-50-Q50-368 | 50 | Q50 | 368 | 200 | 575.4 | G 1/4 | 9.1 |
| Cylindrical shank | A3000-25-Q25-180 | 25 | Q25 | 180 | 100 | 284.5 | G 1/4 | 1.1 |
| | A3000-25-Q25-230-CS | 25 | Q25 | 230 | 75 | 309.5 | M8X1 | 1.7 |
| | A3000-32-Q32-288-CS | 32 | Q32 | 288 | 98 | 389.4 | M8X1 | 2.7 |
| | A3000-40-Q40-368 | 40 | Q40 | 368 | 160 | 534.4 | G 1/4 | 5.5 |
| | A3000-50-Q50-468 | 50 | Q50 | 468 | 200 | 675.4 | G 1/4 | 11 |

A3000...-CS = Carbide reinforced version | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
|----------------|----------------------------------|-----------------|---------------------|---------------------|---------------------|---------------------|
| | Hook wrench Tightening torque | | SD9000-Q25 25 Nm | SD9000-Q32 25 Nm | SD9000-Q40 35 Nm | SD9000-Q50 55 Nm |
| | Coolant adaptor for CS variant | | CN3001-M8-G1/4 | CN3001-M8-G1/4 | | |

| Accessories | | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
|-------------|-------------------------|-----------------|-----|------------------------------|------------------------------|------------------------------|
| | Torque wrench with hook | | | SD4000-Q32-25 (Q32) 25 Nm | SD4000-Q40-35 (Q40) 35 Nm | SD4000-Q50-55 (Q50) 55 Nm |
| | Hook for torque wrench | | | SD6000-Q32 (Q32) 25 Nm | SD6000-Q40 (Q40) 35 Nm | SD6000-Q50 (Q50) 55 Nm |

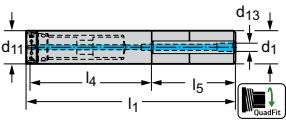
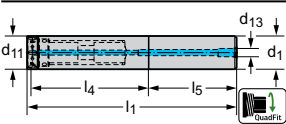
Cylinder shaft adaptor – vibration damped

A3000 inch

Accure-tec®



- For QuadFit exchangeable heads
- With preset vibration damping





| Tool | | Designation | d ₁ inch | d ₁₁ | l ₄ inch | l ₅ inch | l ₁ inch | d ₁₃ | lbs |
|---|--|---------------------|------------------------|-----------------|------------------------|------------------------|------------------------|-----------------|--------|
|  Parallel shank with clamping surface | | A3000.16-Q25-133 | 1.000 | Q25 | 5.250 | 4.000 | 9.430 | G 1/4 | 4.365 |
| | | A3000.20-Q32-165 | 1.250 | Q32 | 6.500 | 5.000 | 11.713 | G 1/4 | 3.968 |
| | | A3000.20-Q32-229 | 1.250 | Q32 | 9.000 | 5.000 | 14.213 | G 1/4 | 5.071 |
| | | A3000.24-Q40-203 | 1.500 | Q40 | 8.000 | 6.000 | 14.252 | G 1/4 | 7.716 |
| | | A3000.24-Q40-279 | 1.500 | Q40 | 11.000 | 6.000 | 17.252 | G 1/4 | 9.480 |
| | | A3000.32-Q50-267 | 2.000 | Q50 | 10.500 | 8.000 | 18.791 | G 1/4 | 16.755 |
| | | A3000.32-Q50-368 | 2.000 | Q50 | 14.496 | 8.000 | 22.791 | G 1/4 | 20.283 |
|  Parallel shank with clamping surface | | A3000.16-Q25-184 | 1.000 | Q25 | 7.250 | 4.000 | 11.430 | G 1/4 | 5.357 |
| | | A3000.16-Q25-235-CS | 1.000 | Q25 | 9.250 | 3.000 | 12.430 | M8X1 | 8.752 |
| | | A3000.20-Q32-292-CS | 1.250 | Q32 | 11.500 | 3.750 | 15.463 | M8X1 | 13.118 |
| | | A3000.24-Q40-356 | 1.500 | Q40 | 14.000 | 6.000 | 20.252 | G 1/4 | 11.464 |
| | | A3000.32-Q50-470 | 2.000 | Q50 | 18.500 | 8.000 | 26.791 | G 1/4 | 24.692 |

A3000...-CS = Carbide reinforced version | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
|---|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|  | Hook wrench Tightening torque | SD9000-Q25 18.439 lbs | SD9000-Q32 18.439 lbs | SD9000-Q40 25.815 lbs | SD9000-Q50 40.566 lbs |
|  | Coolant adaptor for CS variant | CN3001-M8-G1/4 | CN3001-M8-G1/4 | | |

Accessories

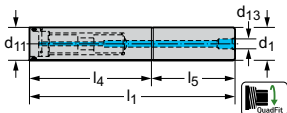
| | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
|---|-------------------------|-----|-----------------------------------|-----------------------------------|-----------------------------------|
|  | Torque wrench with hook | | SD4000-Q32-25 (Q32) 18.439 lbs | SD4000-Q40-35 (Q40) 25.815 lbs | SD4000-Q50-55 (Q50) 40.566 lbs |
|  | Hook for torque wrench | | SD6000-Q32 (Q32) 18.439 lbs | SD6000-Q40 (Q40) 25.815 lbs | SD6000-Q50 (Q50) 40.566 lbs |

Cylinder shaft adaptor – vibration damped


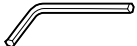
A3001
Accure-tec®

- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping



| Tool | Designation | d ₁ mm | d ₁₁ | l ₄ mm | l ₅ mm | l ₁ mm | d ₁₃ | kg |
|--|---------------------|----------------------|-----------------|----------------------|----------------------|----------------------|-----------------|------|
|  Cylindrical shank | A3001-60-QL60-301 | 60 | QL60 | 301 | 240 | 541 | G 3/4 | 12.5 |
| | A3001-60-QL60-541 | 60 | QL60 | 541 | 240 | 781 | G 3/4 | 18.1 |
| | A3001-80-QL80-421 | 80 | QL80 | 421 | 320 | 741 | G 3/4 | 30.2 |
| | A3001-80-QL80-741 | 80 | QL80 | 741 | 320 | 1.061 | G 3/4 | 43.4 |
| | A3001-100-QL100-939 | 100 | QL100 | 939 | 500 | 1.439 | G 3/4 | 84.7 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | d ₁₁ | QL100 | QL60 | QL80 |
|--|-----------------|------------------|------------------|------------------|
|  Threaded plug | | FS2611 (SW 6) | FS2609 (SW 4) | FS2610 (SW 5) |
|  Allen key | | ISO2936-6 (SW 6) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

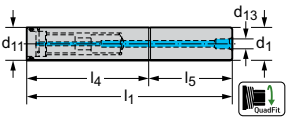
Cylinder shaft adaptor – vibration damped

A3001 inch


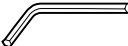
Accure-tec®

- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping



| Tool | Designation | d ₁ inch | d ₁₁ | l ₄ inch | l ₅ inch | l ₁ inch | d ₁₃ | lbs |
|---|--------------------|------------------------|-----------------|------------------------|------------------------|------------------------|-----------------|--------|
|  | A3001.40-QL64-318 | 2.500 | QL64 | 12.500 | 10.000 | 22.500 | G 3/4 | 32.408 |
| | A3001.40-QL64-572 | 2.500 | QL64 | 22.500 | 10.000 | 32.500 | G 3/4 | 46.738 |
| | A3001.48-QL76-394 | 3.000 | QL74 | 15.500 | 12.000 | 27.500 | G 3/4 | 57.32 |
| | A3001.48-QL76-699 | 3.000 | QL74 | 27.500 | 12.000 | 39.500 | G 3/4 | 83.114 |
| | A3001.64-QL100-953 | 4.000 | QL100 | 37.500 | 20.000 | 57.500 | G 3/4 | 195.55 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | d ₁₁ | QL100 | QL64 | QL74 |
|--|---------------|-----------------|------------------|------------------|------------------|
|  | Threaded plug | | FS2611 (SW 6) | FS2609 (SW 4) | FS2610 (SW 5) |
|  | Allen key | | ISO2936-6 (SW 6) | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

Walter Capto™ Adaptor – vibration damped

A3000-C

Accure-tec®

- For QuadFit exchangeable heads
- With preset vibration damping



| Tool | Designation | d ₁ | d ₁₁ | d ₁₂ mm | l ₄ mm | l ₁₆ mm | l ₁₇ mm | kg |
|---|------------------|----------------|-----------------|-----------------------|----------------------|-----------------------|-----------------------|-----|
| <p>Walter Capto™ in acc. with ISO 26623</p> | A3000-C4-Q25-130 | C4 | Q25 | 25 | 130 | 107 | 110 | 0.8 |
| | A3000-C4-Q25-180 | C4 | Q25 | 25 | 180 | 157 | 160 | 1 |
| | A3000-C4-Q32-160 | C4 | Q32 | 32 | 160 | 134 | 140 | 1.2 |
| | A3000-C4-Q32-224 | C4 | Q32 | 32 | 224 | 198 | 204 | 1.7 |
| | A3000-C5-Q25-130 | C5 | Q25 | 25 | 130 | 107 | 110 | 2.9 |
| | A3000-C5-Q25-180 | C5 | Q25 | 25 | 180 | 157 | 160 | 1.1 |
| | A3000-C5-Q25-230 | C5 | Q25 | 25 | 230 | 207 | 210 | 3.9 |
| | A3000-C5-Q32-160 | C5 | Q32 | 32 | 160 | 133 | 140 | 1.4 |
| | A3000-C5-Q32-224 | C5 | Q32 | 32 | 224 | 197 | 204 | 4.4 |
| | A3000-C5-Q32-288 | C5 | Q32 | 32 | 288 | 261 | 268 | 2.2 |
| | A3000-C5-Q40-208 | C5 | Q40 | 40 | 208 | 181 | 188 | 2.5 |
| | A3000-C5-Q40-288 | C5 | Q40 | 40 | 288 | 261 | 268 | 3.3 |
| | A3000-C6-Q25-130 | C6 | Q25 | 25 | 130 | 102 | 105 | 1.3 |
| | A3000-C6-Q25-180 | C6 | Q25 | 25 | 180 | 152 | 155 | 1.5 |
| | A3000-C6-Q25-230 | C6 | Q25 | 25 | 230 | 202 | 205 | 1.7 |
| | A3000-C6-Q32-160 | C6 | Q32 | 32 | 160 | 129 | 135 | 1.9 |
| | A3000-C6-Q32-224 | C6 | Q32 | 32 | 224 | 193 | 199 | 2.1 |
| | A3000-C6-Q32-288 | C6 | Q32 | 32 | 288 | 257 | 263 | 2.6 |
| | A3000-C6-Q40-208 | C6 | Q40 | 40 | 208 | 177 | 183 | 2.9 |
| | A3000-C6-Q40-288 | C6 | Q40 | 40 | 288 | 257 | 263 | 3.7 |
| | A3000-C6-Q40-368 | C6 | Q40 | 40 | 368 | 337 | 343 | 4.5 |
| | A3000-C6-Q50-268 | C6 | Q50 | 50 | 268 | 238 | 243 | 5 |
| | A3000-C6-Q50-368 | C6 | Q50 | 50 | 368 | 338 | 343 | 6.6 |
| | A3000-C6-Q50-468 | C6 | Q50 | 50 | 468 | 438 | 443 | 8.5 |
| | A3000-C8-Q32-224 | C8 | Q32 | 32 | 224 | 181 | 191 | 3.2 |
| | A3000-C8-Q32-288 | C8 | Q32 | 32 | 288 | 245 | 255 | 3.6 |
| | A3000-C8-Q40-288 | C8 | Q40 | 40 | 288 | 245 | 255 | 4.7 |
| | A3000-C8-Q40-368 | C8 | Q40 | 40 | 368 | 325 | 335 | 5.6 |
| | A3000-C8-Q50-268 | C8 | Q50 | 50 | 268 | 225 | 235 | 5.9 |
| | A3000-C8-Q50-368 | C8 | Q50 | 50 | 368 | 325 | 335 | 7.5 |
| | A3000-C8-Q50-468 | C8 | Q50 | 50 | 468 | 425 | 435 | 9.4 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
|----------------|----------------------------------|-----------------|---------------------|------------------------------|------------------------------|------------------------------|
| | Hook wrench Tightening torque | | SD9000-Q25 25 Nm | SD9000-Q32 25 Nm | SD9000-Q40 35 Nm | SD9000-Q50 55 Nm |
| Accessories | | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
| | Torque wrench with hook | | | SD4000-Q32-25 (Q32) 25 Nm | SD4000-Q40-35 (Q40) 35 Nm | SD4000-Q50-55 (Q50) 55 Nm |
| | Hook for torque wrench | | | SD6000-Q32 (Q32) 25 Nm | SD6000-Q40 (Q40) 35 Nm | SD6000-Q50 (Q50) 55 Nm |

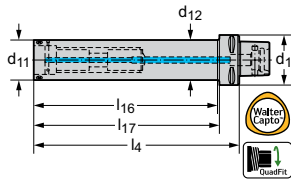
Walter Capto™ Adaptor – vibration damped

A3001-C

Accure-tec®

- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping





| Tool | | Designation | d ₁ | d ₁₂ | l ₄ mm | l ₁₆ mm | l ₁₇ mm | kg |
|---|--|-------------------|----------------|-----------------|----------------------|-----------------------|-----------------------|------|
|  | | A3001-C6-QL60-301 | QL60 | C6 | 301 | 273 | 276 | 7.8 |
| | | A3001-C6-QL60-421 | QL60 | C6 | 421 | 393 | 396 | 10.6 |
| | | A3001-C8-QL60-301 | QL60 | C8 | 301 | 263 | 268 | 8.6 |
| | | A3001-C8-QL60-421 | QL60 | C8 | 421 | 383 | 388 | 11.4 |
| | | A3001-C8-QL60-541 | QL60 | C8 | 541 | 503 | 508 | 14 |
| | | A3001-C8-QL80-421 | QL80 | C8 | 421 | 383 | 388 | 18.8 |
| | | A3001-C8-QL80-581 | QL80 | C8 | 581 | 543 | 548 | 25.1 |

Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | d ₁ | QL60 | QL80 |
|---|----------------|------------------|------------------|
|  | Threaded plug | FS2609 (SW 4) | FS2610 (SW 5) |
|  | Allen key | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

HSK-T adaptor – vibration damped

A3000-HSK-T

Accure-tec®

- For QuadFit exchangeable heads
- With preset vibration damping



| Tool | Designation | d ₁ mm | d ₁₁ | d ₁₂ mm | l ₄ mm | l ₁₆ mm | l ₁₇ mm | kg |
|---------------------|---------------------|----------------------|-----------------|-----------------------|----------------------|-----------------------|-----------------------|-----|
| HSK DIN 69893-7 | A3000-H63T-Q25-130 | 63 | Q25 | 25 | 130 | 101 | 104 | 1.1 |
| | A3000-H63T-Q32-160 | 63 | Q32 | 32 | 160 | 112 | 134 | 4.4 |
| | A3000-H63T-Q25-180 | 63 | Q25 | 25 | 180 | 151 | 154 | 1.3 |
| | A3000-H63T-Q40-208 | 63 | Q40 | 40 | 208 | 160 | 182 | 2.7 |
| | A3000-H63T-Q32-224 | 63 | Q32 | 32 | 224 | 176 | 198 | 2 |
| | A3000-H63T-Q25-230 | 63 | Q25 | 25 | 230 | 201 | 204 | 1.5 |
| | A3000-H63T-Q50-268 | 63 | Q50 | 50 | 268 | 225 | 242 | 4.8 |
| | A3000-H63T-Q40-288 | 63 | Q40 | 40 | 288 | 240 | 262 | 3.5 |
| | A3000-H63T-Q50-368 | 63 | Q50 | 50 | 368 | 325 | 342 | 6.4 |
| | A3000-H100T-Q32-224 | 100 | Q32 | 32 | 224 | 173 | 195 | 3.4 |
| | A3000-H100T-Q50-268 | 100 | Q50 | 50 | 268 | 218 | 239 | 6.2 |
| | A3000-H100T-Q32-288 | 100 | Q32 | 32 | 288 | 237 | 259 | 3.8 |
| | A3000-H100T-Q40-288 | 100 | Q40 | 40 | 288 | 237 | 259 | 4.9 |
| | A3000-H100T-Q40-368 | 100 | Q40 | 40 | 368 | 317 | 339 | 5.8 |
| | A3000-H100T-Q50-368 | 100 | Q50 | 50 | 368 | 318 | 339 | 7.8 |
| | A3000-H100T-Q50-468 | 100 | Q50 | 50 | 468 | 418 | 439 | 9.7 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | | | | |
|----------------|----------------------------------|---------------------|------------------------------|------------------------------|------------------------------|
| | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
| | Hook wrench Tightening torque | SD9000-Q25 25 Nm | SD9000-Q32 25 Nm | SD9000-Q40 35 Nm | SD9000-Q50 55 Nm |
| Accessories | | | | | |
| | d ₁₁ | Q25 | Q32 | Q40 | Q50 |
| | Torque wrench with hook | | SD4000-Q32-25 (Q32) 25 Nm | SD4000-Q40-35 (Q40) 35 Nm | SD4000-Q50-55 (Q50) 55 Nm |
| | Hook for torque wrench | | SD6000-Q32 (Q32) 25 Nm | SD6000-Q40 (Q40) 35 Nm | SD6000-Q50 (Q50) 55 Nm |


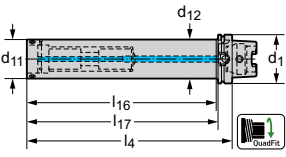
HSK-T adaptor – vibration damped

A3001-HSK-T

Accure-tec®



- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping



| Tool | | Designation | d_1 | d_{12} | l_4 mm | l_{16} mm | l_{17} mm |  |
|---|--|----------------------|-------|----------|-------------|----------------|----------------|---|
|  | | A3001-H100T-QL60-301 | QL60 | 100 | 301 | 267 | 272 | 8.9 |
| | | A3001-H100T-QL60-421 | QL60 | 100 | 421 | 387 | 392 | 11.8 |
| | | A3001-H100T-QL60-541 | QL60 | 100 | 541 | 507 | 512 | 14.5 |
| | | A3001-H100T-QL80-421 | QL80 | 100 | 421 | 387 | 392 | 19.4 |
| | | A3001-H100T-QL80-581 | QL80 | 100 | 581 | 547 | 552 | 26.2 |

HSK DIN 69893-7

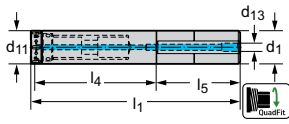
Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | d_1 | QL60 | QL80 |
|---|---------------|-------|------------------|------------------|
|  | Threaded plug | | FS2609 (SW 4) | FS2610 (SW 5) |
|  | Allen key | | ISO2936-4 (SW 4) | ISO2936-5 (SW 5) |

Cylindrical shank - QuadFit




A2100 

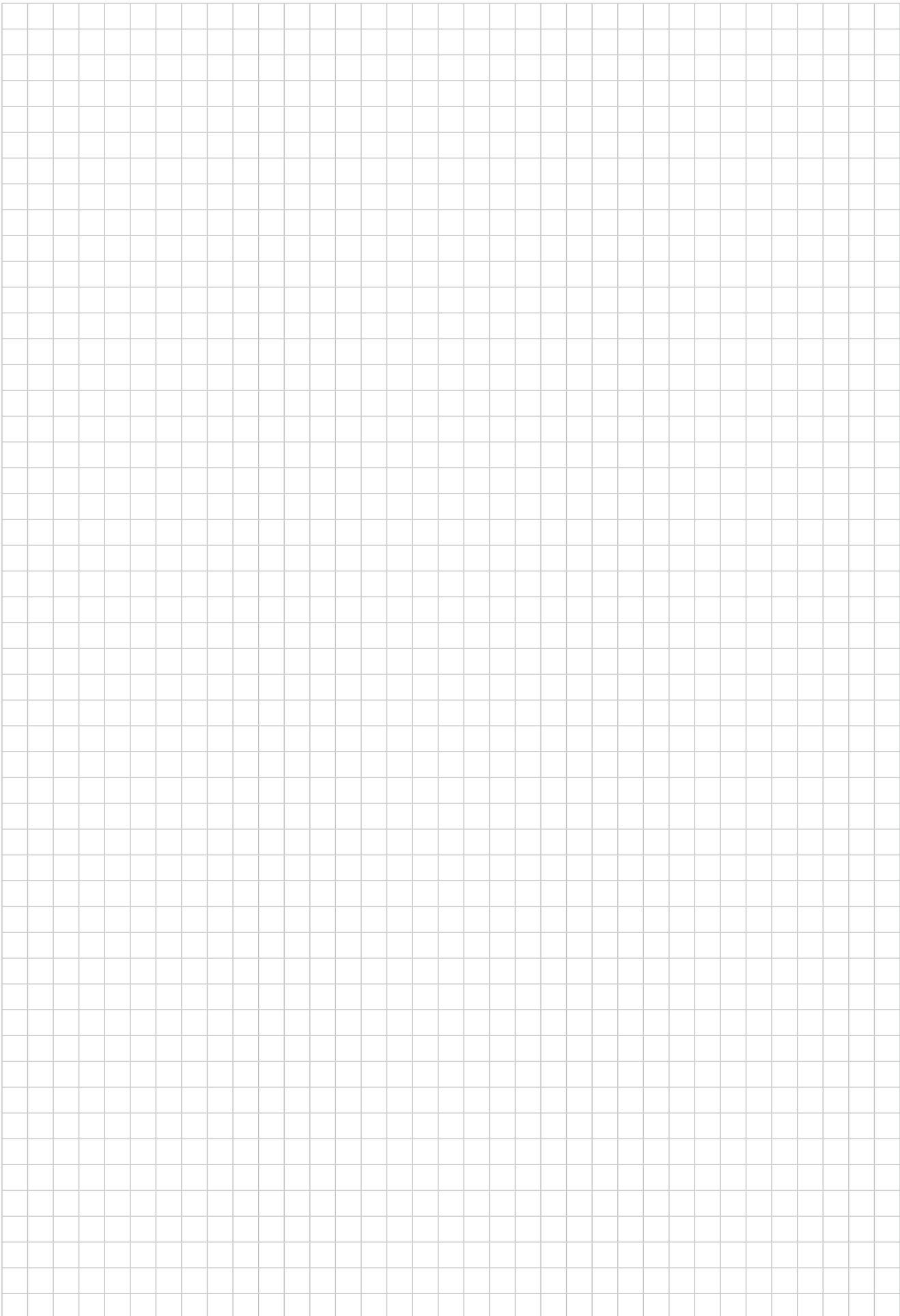
– For QuadFit exchangeable heads

| Tool | Designation | d ₁ mm | d ₁₁ | l ₄ mm | l ₅ mm | l ₁ mm | d ₁₃ | kg |
|---|-------------------|----------------------|-----------------|----------------------|----------------------|----------------------|-----------------|-----|
|  | A2100-40-Q40-288 | 40 | Q40 | 128 | 160 | 294.4 | G 1/4 | 2.6 |
| | A2100-50-Q50-368 | 50 | Q50 | 168 | 200 | 375.4 | G 1/4 | 5.5 |
| | A2100-60-QL60-421 | 60 | QL60 | 181 | 240 | 421 | G 3/4 | 8.3 |

Parallel shank with clamping surface

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | d ₁₁ | Q40 | Q50 | QL60 |
|---|----------------------------------|---------------------|---------------------|------------------|
|  | Threaded plug | | | FS2609 (SW 4) |
|  | Hook wrench Tightening torque | SD9000-Q40 35 Nm | SD9000-Q50 55 Nm | |
|  | Allen key | | | ISO2936-4 (SW 4) |



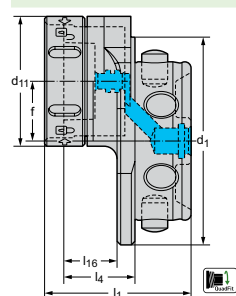
QuadFit Large Intermediate adaptors

A2201
Accure-tec®

- QuadFit
- For A3001 Accure-tec boring bars



Tool



| Designation | d ₁₁ | d ₁ | f mm | l ₁ mm | l ₄ mm | l ₁₆ mm | kg |
|-----------------------|-----------------|----------------|---------|----------------------|----------------------|-----------------------|-----|
| A2201-QL60-05-27-Q50 | Q50 | QL60 | 5 | 50.4 | 27 | 21.5 | 0.6 |
| A2201-QL60-10-27-Q50 | Q50 | QL60 | 10 | 50.4 | 27 | 21.5 | 0.9 |
| A2201-QL80-15-27-Q50 | Q50 | QL80 | 15 | 56.4 | 27 | 21.5 | 0.9 |
| A2201-QL80-23-27-Q50 | Q50 | QL80 | 23 | 56.4 | 27 | 21.5 | 1.2 |
| A2201-QL100-28-29-Q50 | Q50 | QL100 | 28 | 61.4 | 29 | 21.5 | 1.5 |
| A2201-QL100-38-29-Q50 | Q50 | QL100 | 38 | 61.4 | 29 | 21.5 | 1.5 |



QuadFit

 Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | d ₁₁ | Q50 |
|---|----------------------------------|---------------------|
|  | Hook wrench Tightening torque | SD9000-Q50 55 Nm |

Accessories

| | d ₁₁ | Q50 |
|---|-------------------------|------------------------------|
|  | Torque wrench with hook | SD4000-Q50-55 (Q50) 55 Nm |
|  | Hook for torque wrench | SD6000-Q50 (Q50) 55 Nm |

QuadFit Large Intermediate adaptors

A2201 inch

Accure-tec®

- QuadFit
- For A3001 Accure-tec boring bars



| Tool | Designation | d ₁₁ | d ₁ | f inch | h ₁ inch | l ₄ inch | l ₁₆ inch | lbs |
|------|----------------------|-----------------|----------------|-----------|------------------------|------------------------|-------------------------|-------|
| | A2201.QL64-07-27-Q50 | Q50 | QL64 | 0.266 | 1.988 | 1.063 | 0.846 | 2.205 |
| | A2201.QL64-12-27-Q50 | Q50 | QL64 | 0.463 | 1.988 | 1.063 | 0.846 | 2.205 |
| | A2201.QL76-13-27-Q50 | Q50 | QL76 | 0.516 | 2.228 | 1.063 | 0.846 | 2.205 |
| | A2201.QL76-21-27-Q50 | Q50 | QL76 | 0.831 | 2.228 | 1.063 | 0.846 | 2.205 |

QuadFit

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

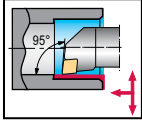
| Assembly parts | | d ₁₁ | Q50 |
|----------------|----------------------------------|-----------------|-----------------------------------|
| | Hook wrench Tightening torque | | SD9000-Q50 40.566 lbs |
| Accessories | | d ₁₁ | Q50 |
| | Torque wrench with hook | | SD4000-Q50-55 (Q50) 40.566 lbs |
| | Hook for torque wrench | | SD6000-Q50 (Q50) 40.566 lbs |

Replaceable head – rigid clamping

Q...-DCLN

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool

| Designation | | d_1 | D_{min} mm | f mm | l_4 mm | γ | λ_s | Type | |
|--------------------|--|-------|-----------------|-----------|-------------|----------|-------------|------|---------------|
| Q32-DCLNR-22032-12 | | 12 | Q32 | 40 | 22 | 32 | -6° | -10° | CN .. 1204 .. |
| Q40-DCLNR-27032-12 | | 12 | Q40 | 50 | 27 | 32 | -6° | -10° | |
| Q50-DCLNR-32032-12 | | 12 | Q50 | 63 | 32 | 32 | -6° | -8° | |
| Q50-DCLNR-32037-16 | | 16 | Q50 | 63 | 32 | 37 | -5° | -14° | CN .. 1606 .. |
| Q32-DCLNL-22032-12 | | 12 | Q32 | 40 | 22 | 32 | -6° | -10° | CN .. 1204 .. |
| Q40-DCLNL-27032-12 | | 12 | Q40 | 50 | 27 | 32 | -6° | -10° | |
| Q50-DCLNL-32032-12 | | 12 | Q50 | 63 | 32 | 32 | -6° | -8° | |
| Q50-DCLNL-32037-16 | | 16 | Q50 | 63 | 32 | 37 | -5° | -14° | CN .. 1606 .. |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | CN .. 1204 .. | CN .. 1606 .. |
|--------------------------------------|--------------------------|--------------------------|
| Shim | AP354-CN12 | AP302-CN16 |
| Screw for shim Tightening torque | FS1461 (T15IP) 2.5 Nm | FS1463 (T20IP) 5 Nm |
| Clamp | PK241 | PK242 |
| Screw for clamp Tightening torque | FS1473 (T15IP) 3.9 Nm | FS1474 (T20IP) 6.4 Nm |
| Pressure spring | FS1470 | FS1471 |
| Pin | RS117 | RS117 |
| Torx key | FS1465 (T15IP) | |
| Allen key | | FS1464 (T20IP) |

Accessories

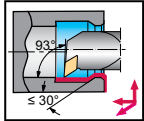
| Type | CN .. 1204 .. | CN .. 1606 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK241-SET | PK242-SET |
| Insert with hole Carbide clamp set | PK245-SET | PK246-SET |
| Insert with hole Carbide clamp set | PK254-SET | |

Replaceable head – rigid clamping

Q...-DDUN mm

Walter Turn

- QuadFit
- For Accure-tec boring bars



| Tool | | Designation | | d_1 | D_{min} mm | f mm | l_4 mm | γ | λ_s | Type |
|------|--|--------------------|----|-------|-----------------|---------|-------------|----------|-------------|---------------|
| | | Q32-DDUNR-22032-11 | 11 | Q32 | 40 | 22 | 32 | -6° | -10° | DN .. 1104 .. |
| | | Q40-DDUNR-27032-11 | 11 | Q40 | 50 | 27 | 32 | -5° | -10° | DN .. 1104 .. |
| | | Q32-DDUNR-22032-15 | 15 | Q32 | 40 | 21.9 | 32 | -6° | -14° | DN .. 1506 .. |
| | | Q40-DDUNR-27032-15 | 15 | Q40 | 50 | 27 | 32 | -6° | -12° | DN .. 1506 .. |
| | | Q50-DDUNR-32032-15 | 15 | Q50 | 63 | 32 | 32 | -6° | -12° | DN .. 1506 .. |
| | | Q32-DDUNL-22032-11 | 11 | Q32 | 40 | 22 | 32 | -6° | -10° | DN .. 1104 .. |
| | | Q40-DDUNL-27032-11 | 11 | Q40 | 50 | 27 | 32 | -5° | -10° | DN .. 1104 .. |
| | | Q32-DDUNL-22032-15 | 15 | Q32 | 40 | 21.9 | 32 | -6° | -14° | DN .. 1506 .. |
| | | Q40-DDUNL-27032-15 | 15 | Q40 | 50 | 27 | 32 | -6° | -12° | DN .. 1506 .. |
| | | Q50-DDUNL-32032-15 | 15 | Q50 | 63 | 32 | 32 | -6° | -12° | DN .. 1506 .. |

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | Type | DN .. 1104 .. | DN .. 1506 .. |
|----------------|--------------------------------------|------|-------------------------|--------------------------|
| | Shim | | AP305-DN11 | AP304-DN15 |
| | Screw for shim Tightening torque | | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| | Clamp | | PK240 | PK241 |
| | Screw for clamp Tightening torque | | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| | Pressure spring | | FS1469 | FS1470 |
| | Pin | | RS116 | RS117 |
| | Torx key | | FS1466 (T9IP) | FS1465 (T15IP) |

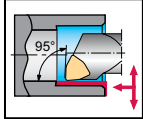
| Accessories | | Type | DN .. 1104 .. | DN .. 1506 .. |
|-------------|--|------|---------------|---------------|
| | (standard assembly parts) Clamp set | | PK240-SET | PK241-SET |
| | Insert without hole Carbide clamp set | | | PK245-SET |
| | Insert without hole Carbide clamp set | | | PK254-SET |
| | Shim for DN .. 1504 .. | | | AP304-DN1504 |

Replaceable head – rigid clamping

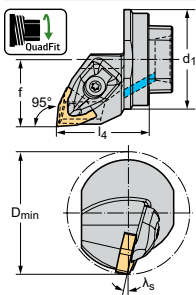
Q...-DWLN

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool



| Designation | | d_1 | D_{min} mm | f mm | l_4 mm | γ | λ_s | Type |
|-------------------|---|-------|-----------------|-----------|-------------|----------|-------------|---------------|
| Q32-DWLN-22032-06 | 6 | Q32 | 40 | 22 | 32 | -5° | -12° | WN .. 0604 .. |
| Q32-DWLN-22035-08 | 8 | Q32 | 40 | 22 | 35 | -5° | -14° | WN .. 0804 .. |
| Q40-DWLN-27037-08 | 8 | Q40 | 50 | 27 | 37 | -5° | -12° | |
| Q50-DWLN-32038-08 | 8 | Q50 | 63 | 32 | 38 | -5° | -12° | |
| Q32-DWLN-22032-06 | 6 | Q32 | 40 | 22 | 32 | -5° | -12° | WN .. 0604 .. |
| Q32-DWLN-22035-08 | 8 | Q32 | 40 | 22 | 35 | -5° | -14° | WN .. 0804 .. |
| Q40-DWLN-27037-08 | 8 | Q40 | 50 | 27 | 37 | -5° | -12° | |
| Q50-DWLN-32038-08 | 8 | Q50 | 63 | 32 | 38 | -5° | -12° | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | WN .. 0604 .. | WN .. 0804 .. |
|--------------------------------------|-------------------------|--------------------------|
| Shim | AP306-WN06 | AP331-WN08 |
| Screw for shim Tightening torque | FS1462 (T9IP) 1.5 Nm | FS1461 (T15IP) 2.5 Nm |
| Clamp | PK240 | PK241 |
| Screw for clamp Tightening torque | FS1472 (T9IP) 1.7 Nm | FS1473 (T15IP) 3.9 Nm |
| Pressure spring | FS1469 | FS1470 |
| Pin | RS116 | RS117 |
| Torx key | FS1466 (T9IP) | FS1465 (T15IP) |

Accessories

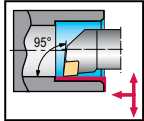
| Type | WN .. 0604 .. | WN .. 0804 .. |
|--|---------------|---------------|
| (standard assembly parts) Clamp set | PK240-SET | PK241-SET |
| Insert without hole Carbide clamp set | | PK245-SET |
| Insert without hole Carbide clamp set | | PK254-SET |

Replaceable head – screw clamping

Q...-SCLC mm

Walter Turn

- QuadFit
- For Accure-tec boring bars



| Tool | | | d_1 | D_{min} mm | f mm | l_4 mm | γ | λ_s | Type |
|--------------------|--------------------|-----|-------|-----------------|-----------|-------------|----------|-------------|---------------|
| QuadFit | Q25-SCLCR-17020-09 | 9 | Q25 | 32 | 17 | 20 | 0° | -3° | CC .. 09T3 .. |
| | Q32-SCLCR-22032-09 | 9 | Q32 | 40 | 22 | 32 | 0° | -2° | |
| | Q40-SCLCR-27032-09 | 9 | Q40 | 50 | 27 | 32 | 0° | -2° | |
| | Q50-SCLCR-32032-09 | 9 | Q50 | 63 | 32 | 32 | 0° | -2° | |
| | Q32-SCLCR-22032-12 | 12 | Q32 | 40 | 22 | 32 | 0° | -8° | |
| | Q40-SCLCR-27032-12 | 12 | Q40 | 50 | 27 | 32 | 0° | -8° | |
| | Q50-SCLCR-32032-12 | 12 | Q50 | 63 | 32 | 32 | 0° | -9° | |
| | Q25-SCLCL-17020-09 | 9 | Q25 | 32 | 17 | 20 | 0° | -3° | CC .. 09T3 .. |
| | Q32-SCLCL-22032-09 | 9 | Q32 | 40 | 22 | 32 | 0° | -2° | |
| | Q40-SCLCL-27032-09 | 9 | Q40 | 50 | 27 | 32 | 0° | -2° | |
| | Q50-SCLCL-32032-09 | 9 | Q50 | 63 | 32 | 32 | 0° | -2° | |
| | Q32-SCLCL-22032-12 | 12 | Q32 | 40 | 22 | 32 | 0° | -8° | |
| Q40-SCLCL-27032-12 | 12 | Q40 | 50 | 27 | 32 | 0° | -8° | | |
| Q50-SCLCL-32032-12 | 12 | Q50 | 63 | 32 | 32 | 0° | -9° | | |

Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

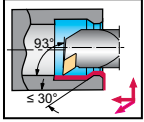
| Assembly parts | | CC .. 09T3 .. | CC .. 1204 .. |
|----------------|--|--------------------------|------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1461 (T15IP) 2.5 Nm | FS2281 (T20IP) 5 Nm |
| | Shim | | AP364-CC1208 |
| | Screw for shim | | FS2592 (SW 5) |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |
| | Allen key for shim | | ISO2936-5 (SW 5) |

Replaceable head – screw clamping

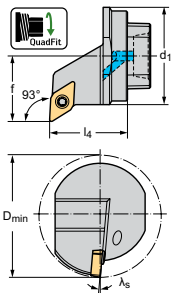
Q...-SDUC

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool



Designation



d_1

D_{min}
mm

f
mm

l_4
mm

γ

λ_s

Type

| | | | | | | | | |
|--------------------|----|-----|----|----|----|----|-----|---------------|
| Q25-SDUCR-17020-11 | 11 | Q25 | 32 | 17 | 20 | 0° | -6° | DC .. 11T3 .. |
| Q32-SDUCR-22032-11 | 11 | Q32 | 40 | 22 | 32 | 0° | -5° | |
| Q40-SDUCR-27032-11 | 11 | Q40 | 50 | 27 | 32 | 0° | -5° | |
| Q50-SDUCR-32032-11 | 11 | Q50 | 63 | 32 | 32 | 0° | -5° | |
| Q25-SDUCL-17020-11 | 11 | Q25 | 32 | 17 | 20 | 0° | -6° | DC .. 11T3 .. |
| Q32-SDUCL-22032-11 | 11 | Q32 | 40 | 22 | 32 | 0° | -5° | |
| Q40-SDUCL-27032-11 | 11 | Q40 | 50 | 27 | 32 | 0° | -5° | |
| Q50-SDUCL-32032-11 | 11 | Q50 | 63 | 32 | 32 | 0° | -5° | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

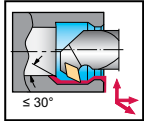
| | Type | DC .. 11T3 .. |
|--|--|--------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1461 (T15IP) 2.5 Nm |
| | Torx key | FS1465 (T15IP) |

Replaceable head – screw clamping

Q...-SDUC...-X

Walter Turn

- QuadFit
- For Accure-tec boring bars



| Tool | | Designation | | d_1 | D_{min} mm | f mm | l_4 mm | l_{20} mm | X_1 mm | γ | λ_s | Type |
|------|---------------------|-------------|-----|-------|-----------------|---------|-------------|----------------|-------------|----------|---------------|------|
| | Q25-SDUCR-17012-11X | 11 | Q25 | 32 | 17 | 12 | 24.5 | 4.5 | 0° | -6° | DC .. 11T3 .. | |
| | Q32-SDUCR-22018-11X | 11 | Q32 | 40 | 21.9 | 32 | 37.5 | 5.9 | 0° | -5° | | |
| | Q40-SDUCR-27017-11X | 11 | Q40 | 50 | 26.9 | 17 | 40.5 | 6.9 | 0° | -5° | | |
| | Q50-SDUCR-32017-11X | 11 | Q50 | 63 | 32 | 17 | 42.5 | 6.9 | 0° | -5° | DC .. 11T3 .. | |
| | Q25-SDUCL-17012-11X | 11 | Q25 | 32 | 17 | 12 | 24.5 | 4.5 | 0° | -6° | | |
| | Q32-SDUCL-22018-11X | 11 | Q32 | 40 | 21.9 | 18 | 37.5 | 5.9 | 0° | -5° | | |
| | Q40-SDUCL-27017-11X | 11 | Q40 | 50 | 26.9 | 17 | 40.5 | 6.9 | 0° | -5° | | |
| | Q50-SDUCL-32017-11X | 11 | Q50 | 63 | 32 | 17 | 42.5 | 6.9 | 0° | -5° | | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

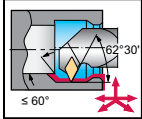
| Assembly parts | | Type | DC .. 11T3 .. |
|----------------|--|------|--------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS1461 (T15IP) 2.5 Nm |
| | Torx key | | FS1465 (T15IP) |

Replaceable head – screw clamping

Q...-SDXC

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool

| | Designation | | d_1 | D_{min} mm | f mm | l_4 mm | l_{20} mm | X_1 mm | γ | λ_s | Type |
|--|--------------------|----|-------|-----------------|-----------|-------------|----------------|-------------|----------|-------------|---------------|
| | Q25-SDXCR-17018-11 | 11 | Q25 | 32 | 17 | 18 | 24.3 | 4.5 | 0° | -6° | DC .. 11T3 .. |
| | Q32-SDXCR-22025-11 | 11 | Q32 | 40 | 21.9 | 25 | 37.5 | 5.9 | 0° | -5° | |
| | Q40-SDXCR-27025-11 | 11 | Q40 | 50 | 26.9 | 25 | 40.5 | 6.9 | 0° | -5° | |
| | Q50-SDXCR-32025-11 | 11 | Q50 | 63 | 31.9 | 25 | 42.5 | 6.9 | 0° | -5° | |
| | Q25-SDXCL-17018-11 | 11 | Q25 | 32 | 17 | 18 | 24.3 | 4.5 | 0° | -6° | DC .. 11T3 .. |
| | Q32-SDXCL-22025-11 | 11 | Q32 | 40 | 21.9 | 25 | 37.5 | 5.9 | 0° | -5° | |
| | Q40-SDXCL-27025-11 | 11 | Q40 | 50 | 26.9 | 25 | 40.5 | 6.9 | 0° | -5° | |
| | Q50-SDXCL-32025-11 | 11 | Q50 | 63 | 31.9 | 25 | 42.5 | 6.9 | 0° | -5° | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 11T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

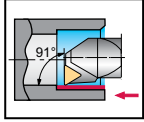
| | Type | DC .. 11T3 .. |
|--|--|--------------------------|
| | Clamping screw for indexable insert Tightening torque | FS1461 (T15IP) 2.5 Nm |
| | Torx key | FS1465 (T15IP) |

Replaceable head – screw clamping

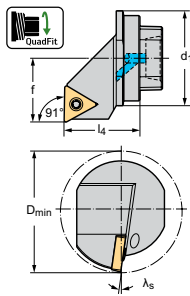
Q...-STFC


Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool




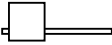


| Designation |  | d_1 | D_{min} mm | f mm | l_4 mm | γ | λ_s | Type |
|--------------------|---|-------|-----------------|-----------|-------------|----------|-------------|---------------|
| Q25-STFCR-17020-11 | 11 | Q25 | 32 | 17 | 20 | 0° | -3° | TC .. 1102 .. |
| Q32-STFCR-22032-16 | 16 | Q32 | 40 | 22 | 32 | 0° | -10° | TC .. 16T3 .. |
| Q40-STFCR-27032-16 | 16 | Q40 | 50 | 27 | 32 | 0° | -8° | |
| Q50-STFCR-32032-16 | 16 | Q50 | 63 | 32 | 32 | 0° | -8° | |
| Q25-STFCL-17020-11 | 11 | Q25 | 32 | 17 | 20 | 0° | -3° | TC .. 1102 .. |
| Q32-STFCL-22032-16 | 16 | Q32 | 40 | 22 | 32 | 0° | -10° | TC .. 16T3 .. |
| Q40-STFCL-27032-16 | 16 | Q40 | 50 | 27 | 32 | 0° | -8° | |
| Q50-STFCL-32032-16 | 16 | Q50 | 63 | 32 | 32 | 0° | -8° | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 110200RE=0 / TC .. 16T308 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

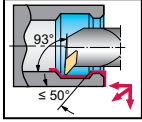
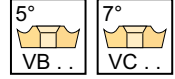
| | Type | TC .. 1102 .. | TC .. 16T3 .. |
|---|--|-------------------------|------------------------|
|  | Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm |
|  | Shim | | AP317-TC1612 |
|  | Screw for shim | | FS2068 (SW 3.5) |
|  | Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

Replaceable head – screw clamping

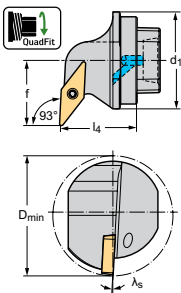
Q...-SVUB


Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool







| Designation |  | d_1 | D_{min} mm | f mm | l_4 mm | γ | λ_s | Type |
|--------------------|---|-------|-----------------|-----------|-------------|----------|-------------|---------------|
| Q25-SVUBR-17020-11 | 11 | Q25 | 32 | 17 | 20 | 0° | -4° | VB .. 1103 .. |
| Q32-SVUBR-22032-16 | 16 | Q32 | 40 | 22 | 32 | 0° | -3° | VB .. 1604 .. |
| Q40-SVUBR-27032-16 | 16 | Q40 | 50 | 26.9 | 32 | 0° | -3° | |
| Q50-SVUBR-32032-16 | 16 | Q50 | 63 | 31.9 | 32 | 0° | -3° | |
| Q25-SVUBL-17020-11 | 11 | Q25 | 32 | 17 | 20 | 0° | -4° | VB .. 1103 .. |
| Q32-SVUBL-22032-16 | 16 | Q32 | 40 | 22 | 32 | 0° | -3° | VB .. 1604 .. |
| Q40-SVUBL-27032-16 | 16 | Q40 | 50 | 26.9 | 32 | 0° | -3° | |
| Q50-SVUBL-32032-16 | 16 | Q50 | 63 | 31.9 | 32 | 0° | -3° | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| Type | VB .. 1103 .. | VB .. 1604 .. |
|--|-------------------------|------------------------|
|  Clamping screw for indexable insert Tightening torque | FS2061 (T7IP) 0.9 Nm | FS2063 (T15IP) 3 Nm |
|  Shim | | AP316-VB1608 |
|  Screw for shim | | FS2068 (SW 3.5) |
|  Torx key | FS1490 (T7IP) | FS1465 (T15IP) |

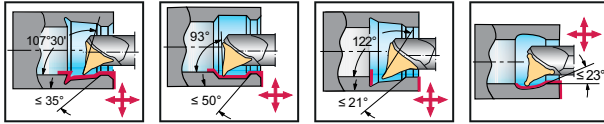
Replaceable head – Copy turning system

W1211-Q...

Walter Turn



- Double internal coolant supply
- Additional coolant hole for blind hole machining



| Tool | | | d_1 | D_{min} mm | f mm | l_c mm | γ | λ_s | Type |
|------|-----------------|----|-------|-----------------|-----------|-------------|----------|-------------|--------|
| | Designation | | | | | | | | |
| | W1211-Q32R-WL25 | 25 | Q32 | 40 | 24 | 35 | -1.8° | -3.7° | WL25.. |
| | W1211-Q40R-WL25 | 25 | Q40 | 50 | 29 | 35 | -1.8° | -3.7° | |
| | W1211-Q50R-WL25 | 25 | Q50 | 63 | 34 | 35 | -1.8° | -3.7° | |
| | W1211-Q32L-WL25 | 25 | Q32 | 40 | 24 | 35 | -1.8° | -3.7° | WL25.. |
| | W1211-Q40L-WL25 | 25 | Q40 | 50 | 29 | 35 | -1.8° | -3.7° | |
| | W1211-Q50L-WL25 | 25 | Q50 | 63 | 34 | 35 | -1.8° | -3.7° | |

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery











| Assembly parts | | Type | WL25.. Q32-Q50 |
|----------------|--|------|------------------------|
| | Clamping screw for indexable insert Tightening torque | | FS1495 (T20IP) 5 Nm |
| | Allen key | | FS1464 (T20IP) |











WALTER SELECT

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






●● Primary application ● Other application

Cutting inserts

| System | MX | | | | |
|---|--|--|--|--|--|
| Machining | Low feed | | Medium feed | | |
| Geometry |  |  |  |  |  |
| | GD8 | VG8 | CF5 | RF5 | A60 |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ●● | ●● | ●● | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● | ●● | ●● | ●● |
| H Hard materials | | | | | |
| O Other | | | ● | | |
| Insert width s in [mm] | 0.020–0.128 [0.5–3.25] | 0.110 [2.8] | 0.032–0.197 [0.8–5.0] | 0.062–0.197 [1.57–5.0] | |
| a _p in [mm] | | | | | |
| f in [mm] | 0.001–0.006 [0.02–0.15] | 0.002–0.005 [0.05–0.12] | 0.001–0.010 [0.02–0.25] | 0.002–0.01 [0.04–0.25] | |
| Page in catalog | A 376 | A 378 | A 377 | A 379 | A 380 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | GD8 | VG8 | CF5 | RF5 | A60 |

| System | MX | | | DX | |
|---|---|---|---|---|---|
| Machining | Low feed | | | | |
| Geometry |  |  |  |  |  |
| | AG60 | ISO | .X.N | CK8 | CF6 |
| P Steel | ●● | ●● | ●● | | ●● |
| M Stainless steel | ●● | ●● | ●● | ● | ●● |
| K Cast iron | ● | ● | ●● | | ●● |
| N NF metals | ● | ●● | ●● | ●● | ●● |
| S Materials with difficult cutting properties | ●● | ●● | ●● | ● | ●● |
| H Hard materials | | | ●● | | |
| O Other | | | ● | | ● |
| Insert width s in [mm] | | | 0.132–0.222 [3.35–5.65] | 0.059–0.158 [1.5–4.0] | 0.039–0.118 [1.0–3.0] |
| a _p in [mm] | | | | | |
| f in [mm] | | | | 0.002–0.009 [0.04–0.22] | 0.001–0.009 [0.03–0.23] |
| Page in catalog | A 380 | A 379 | A 380 | A 279 | A 381 |
| QR code |  |  |  |  |  |
| www.walter-tools.com/woc/ | AG60 | ISO | -X-N | CK8 | CF6 |

Cutting inserts

| System | DX | | | | |
|---|---|---|--|---|---|
| Machining | Low feed | | | | Medium feed |
| Geometry |  |  |  |  |  |
| | GD8 | GD3 | UF8 | UF7 | CF5 |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ●● | ● | ●● | ● | ●● |
| S Materials with difficult cutting properties | ●● | ● | ●● | ●● | ●● |
| H Hard materials | | | | | |
| O Other | | ● | | | ● |
| Insert width s in [mm] | 0.039–0.055 [1.0–1.4] | 0.079–0.158 [2.0–4.0] | 0.063–0.167 [1.6–4.25] | 0.079–0.158 [2.0–4.0] | 0.039–0.118 [1.0–3.0] |
| a _p in [mm] | | | 0.012–0.087 [0.3–2.2] | 0.012–0.087 [0.3–2.2] | |
| f in [mm] | 0.002–0.004 [0.05–0.10] | 0.002–0.009 [0.04–0.23] | 0.002–0.012 [0.05–0.30] | 0.002–0.012 [0.05–0.30] | 0.001–0.009 [0.03–0.23] |
| Page in catalog | A 279 | A 381 | A 279 | A 279 | A 381 |

| QR code |  |  |  |  |  |
|---------|--|--|---|--|--|
|---------|--|--|---|--|--|

www.walter-tools.com/woc/






GD8

GD3

UF8

UF7

CF5

| System | DX | | | | |
|---|---|---|--|---|---|
| Machining | Medium feed | | | | High feed |
| Geometry |  |  |  |  |  |
| | GD6 | UF4 | RF8 | RF7 | CE4 |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ● |
| K Cast iron | ● | ●● | ● | ● | ●● |
| N NF metals | ● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | ●● | ● | ●● | ●● | ● |
| H Hard materials | | | | | ● |
| O Other | | | | | |
| Insert width s in [mm] | 0.079–0.158 [2.0–4.0] | 0.079–0.158 [2.0–4.0] | 0.118 [3.0] | 0.079–0.158 [2.0–4.0] | 0.047–0.118 [1.2–3.0] |
| a _p in [mm] | | 0.012–0.110 [0.3–2.8] | 0.004–0.039 [0.1–1.0] | 0.004–0.079 [0.1–2.0] | |
| f in [mm] | 0.002–0.010 [0.04–0.25] | 0.004–0.013 [0.10–0.33] | 0.003–0.010 [0.08–0.26] | 0.003–0.019 [0.08–0.48] | 0.001–0.013 [0.03–0.33] |
| Page in catalog | A 381 | A 383 | A 279 | A 385 | A 381 |

| QR code |  |  |  |  |  |
|---------|---|---|--|---|---|
|---------|---|---|--|---|---|

www.walter-tools.com/woc/

GD6

UF4

RF8






RF7

CE4

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

| System | DX | | | GD | |
|---|---|---|---|---|---|
| Machining | High feed | | | Low feed | |
| Geometry |  |  |  |  |  |
| | UD4 | UA4 | RD4 | CF6 | GD3 |
| P Steel | ●● | | ●● | ●● | ●● |
| M Stainless steel | ● | | ● | ●● | ●● |
| K Cast iron | ●● | ●● | ●● | | ● |
| N NF metals | | | | ●● | ● |
| S Materials with difficult cutting properties | | | ● | ●● | ● |
| H Hard materials | | ● | | | |
| O Other | | | | ● | ● |
| Insert width s in [mm] | 0.079–0.158 [2.0–4.0] | 0.079–0.158 [2.0–4.0] | 0.079–0.118 [2.0–3.0] | 0.118 [3.0] | 0.118–0.236 [3.0–6.0] |
| a _p in [mm] | 0.012–0.110 [0.3–2.8] | 0.012–0.110 [0.3–2.8] | 0.008–0.059 [0.2–1.5] | | |
| f in [mm] | 0.004–0.013 [0.10–0.33] | 0.003–0.015 [0.08–0.38] | 0.003–0.015 [0.08–0.38] | 0.002–0.009 [0.04–0.23] | 0.002–0.011 [0.06–0.28] |
| Page in catalog | A 383 | A 383 | A 385 | A 376 | A 376 |

QR code


www.walter-tools.com/woc/






UD4

UA4

RD4

CF6

GD3

| System | GD | | | | |
|---|---|---|---|---|---|
| Machining | Medium feed | | | | High feed |
| Geometry |  |  |  |  |  |
| | CF5 | GD6 | UF4 | RF8 | CE4 |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ● |
| K Cast iron | ● | ● | ●● | ● | ●● |
| N NF metals | ●● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● | ● | ●● | ● |
| H Hard materials | | | | | ● |
| O Other | ● | | | | |
| Insert width s in [mm] | 0.098–0.236 [2.5–6.0] | 0.118–0.236 [3.0–6.0] | 0.118–0.236 [3.0–6.0] | 0.118–0.236 [3.0–6.0] | 0.098–0.236 [2.5–6.0] |
| a _p in [mm] | | | 0.012–0.138 [0.3–3.5] | 0.004–0.118 [0.1–3.0] | |
| f in [mm] | 0.002–0.011 [0.04–0.28] | 0.003–0.012 [0.08–0.30] | 0.004–0.016 [0.10–0.40] | 0.004–0.022 [0.10–0.55] | 0.003–0.016 [0.07–0.40] |
| Page in catalog | A 376 | A 376 | A 376 | A 376 | A 376 |

QR code


www.walter-tools.com/woc/

CF5

GD6

UF4






RF8

CE4






WALTER SELECT

●● Primary application ● Other application

Cutting inserts

| System | GD | | | GX | |
|---|---|---|--|---|---|
| Machining | High feed | | | Low feed | |
| Geometry |  |  |  |  |  |
| | UD4 | UA4 | RD4 | CK8 | CF6 |
| P Steel | ●● | | ●● | | ●● |
| M Stainless steel | ● | | ● | ● | ●● |
| K Cast iron | ●● | ●● | ●● | | |
| N NF metals | | | | ●● | ●● |
| S Materials with difficult cutting properties | | | ● | ● | ●● |
| H Hard materials | | ● | | | |
| O Other | | | | | ● |
| Insert width s in [mm] | 0.118–0.236 [3.0–6.0] | 0.118–0.236 [3.0–6.0] | 0.118–0.236 [3.0–6.0] | 0.079–0.158 [2.0–4.0] | 0.059–0.118 [1.5–3.0] |
| a _p in [mm] | 0.016–0.138 [0.4–3.5] | 0.016–0.138 [0.4–3.5] | 0.020–0.118 [0.5–3.0] | | |
| f in [mm] | 0.004–0.016 [0.10–0.40] | 0.004–0.016 [0.10–0.40] | 0.004–0.028 [0.10–0.70] | 0.002–0.009 [0.04–0.22] | 0.001–0.009 [0.03–0.23] |
| Page in catalog | A 376 | A 376 | A 376 | A 389 | A 389 |

| QR code |  |  |  |  |  |
|---------------------------|--|--|---|--|--|
| www.walter-tools.com/woc/ | UD4 | UA4 | RD4 | CK8 | CF6 |






| System | GX | | | | |
|---|---|---|--|---|---|
| Machining | Low feed | | | | |
| Geometry |  |  |  |  |  |
| | GD8 | GD3 | UF8 | VG7 | RK8 |
| P Steel | ●● | ●● | ●● | ●● | |
| M Stainless steel | ●● | ●● | ●● | ●● | |
| K Cast iron | ● | ● | ● | ● | |
| N NF metals | ●● | ● | ●● | ●● | ●● |
| S Materials with difficult cutting properties | ●● | ● | ●● | ●● | |
| H Hard materials | | | | | |
| O Other | | ● | | | ● |
| Insert width s in [mm] | 0.039–0.055 [1.0–1.4] | 0.079–0.236 [2.0–6.0] | 0.063–0.236 [1.6–6.0] | 0.110 [2.8] | 0.236 [6.0] |
| a _p in [mm] | | | 0.012–0.126 [0.3–3.2] | 0.008–0.098 [0.2–2.5] | 0.004–0.158 [0.1–4.0] |
| f in [mm] | 0.002–0.004 [0.05–0.10] | 0.002–0.011 [0.04–0.28] | 0.002–0.014 [0.05–0.35] | 0.002–0.010 [0.05–0.25] | 0.004–0.024 [0.10–0.60] |
| Page in catalog | A 82 | A 389 | A 395 | A 82 | A 399 |

| QR code |  |  |  |  |  |
|---------------------------|---|---|--|---|---|
| www.walter-tools.com/woc/ | GD8 | GD3 | UF8 | VG7 | RK8 |

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

| System | GX | | | | |
|---|---|---|---|---|---|
| Machining | Low feed | | Medium feed | | |
| Geometry |  |  |  |  |  |
| | TM-1 | EM-1 | CF5 | GD6 | UD6 |
| P Steel | | | ●● | ●● | ● |
| M Stainless steel | | | ●● | ●● | ●● |
| K Cast iron | | | ● | ● | |
| N NF metals | | | ●● | ● | ● |
| S Materials with difficult cutting properties | | ●● | ●● | ●● | |
| H Hard materials | ●● | | | | |
| O Other | | | ● | | |
| Insert width s in [mm] | 0.118–0.236 [3.0–6.0] | 0.118–0.236 [3.0–6.0] | 0.079–0.197 [2.0–5.0] | 0.079–0.236 [2.0–6.0] | 0.079–0.236 [2.0–6.0] |
| a _p in [mm] | 0.002–0.118 [0.05–3.0] | 0.002–0.118 [0.05–3.0] | | | 0.012–0.138 [0.3–3.5] |
| f in [mm] | 0.001–0.006 [0.02–0.15] | 0.004–0.012 [0.10–0.30] | 0.001–0.010 [0.03–0.25] | 0.002–0.012 [0.04–0.30] | 0.002–0.014 [0.06–0.35] |
| Page in catalog | A 393 | A 393 | A 389 | A 389 | A 396 |

QR code


www.walter-tools.com/woc/






TM-1

EM-1

CF5

GD6

UD6

| System | GX | | | | |
|---|---|---|---|---|---|
| Machining | Medium feed | | | | |
| Geometry |  |  |  |  |  |
| | UF4 | RF8 | RF7 | FS-M1 | FS-F1 |
| P Steel | ●● | ●● | ●● | | |
| M Stainless steel | ●● | ●● | ●● | | |
| K Cast iron | ●● | ● | ● | | |
| N NF metals | ● | ● | ● | ●● | ●● |
| S Materials with difficult cutting properties | ● | ●● | ●● | ● | ● |
| H Hard materials | | | | | |
| O Other | | | | ●● | ●● |
| Insert width s in [mm] | 0.079–0.315 [2.0–8.0] | 0.079–0.315 [2.0–8.0] | 0.118–0.197 [3.0–5.0] | 0.079–0.236 [2.0–6.0] | 0.079–0.236 [2.0–6.0] |
| a _p in [mm] | 0.012–0.158 [0.3–4.0] | 0.004–0.158 [0.1–4.0] | 0.004–0.098 [0.1–2.5] | 0.004–0.118 [0.1–3.0] | |
| f in [mm] | 0.004–0.022 [0.10–0.55] | 0.002–0.024 [0.05–0.60] | 0.004–0.021 [0.10–0.53] | 0.002–0.020 [0.05–0.50] | 0.002–0.011 [0.04–0.28] |
| Page in catalog | A 396 | A 400 | A 400 | | |

QR code


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UF4

RF8

RF7






FS-M1

FS-F1

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

| System | GX | | | | |
|---|---|---|--|---|---|
| Machining | Medium feed | High feed | | | |
| Geometry |  |  |  |  |  |
| | AF5 | CE4 | UD4 | UA4 | RD4 |
| P Steel | ●● | ●● | ●● | | ●● |
| M Stainless steel | ●● | ● | ● | | ● |
| K Cast iron | ● | ●● | ●● | ●● | ●● |
| N NF metals | ● | ● | | | |
| S Materials with difficult cutting properties | ● | ● | | | ● |
| H Hard materials | | ● | | ● | |
| O Other | | | | | |
| Insert width s in [mm] | 0.197 [5.0] | 0.079–0.236 [2.0–6.0] | 0.079–0.315 [2.0–8.0] | 0.079–0.236 [2.0–6.0] | 0.079–0.315 [2.0–8.0] |
| a _p in [mm] | 0.020 [0.5] | | 0.012–0.158 [0.3–4.0] | 0.012–0.138 [0.3–3.5] | 0.008–0.158 [0.2–4.0] |
| f in [mm] | 0.006–0.012 [0.15–0.30] | 0.002–0.016 [0.04–0.40] | 0.004–0.016 [0.10–0.40] | 0.003–0.016 [0.08–0.40] | 0.003–0.032 [0.08–0.80] |
| Page in catalog | A 82 | A 389 | A 398 | A 398 | A 400 |



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AF5

CE4

UD4

UA4

RD4

| System | GX | SX | | | |
|---|---|---|--|---|---|
| Machining | | Low feed | | | Medium feed |
| Geometry |  |  |  |  |  |
| | .X..N | CK8 | CF6 | SK8 | CF5 |
| P Steel | ●● | ●● | ●● | | ●● |
| M Stainless steel | ●● | ● | ●● | | ●● |
| K Cast iron | ●● | | | | ● |
| N NF metals | ●● | ●● | ●● | ●● | ●● |
| S Materials with difficult cutting properties | ●● | ● | ●● | ● | ●● |
| H Hard materials | ●● | | | | |
| O Other | ● | | ● | | ● |
| Insert width s in [mm] | 0.189–0.406 [4.8–10.3] | 0.079–0.197 [2.0–5.0] | 0.079–0.118 [2.0–3.0] | 0.059–0.158 [1.5–4.0] | 0.059–0.236 [1.5–6.0] |
| a _p in [mm] | | | | | |
| f in [mm] | | 0.002–0.010 [0.04–0.25] | 0.001–0.009 [0.03–0.23] | 0.001–0.008 [0.03–0.20] | 0.001–0.012 [0.03–0.30] |
| Page in catalog | A 401 | A 402 | A 402 | A 403 | A 402 |



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-X-N

CK8

CF6






SK8

CF5

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

| System | SX | | | UX | WT |
|---|---|---|---|---|---|
| Machining | Medium feed | | High feed | | Low feed |
| Geometry |  |  |  |  |  |
| | UF4 | SF5 | CE4 | GD2 | CD8 |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ● | | ●● |
| K Cast iron | ●● | ● | ●● | ●● | ● |
| N NF metals | ● | ●● | ● | | ●● |
| S Materials with difficult cutting properties | ● | ●● | ● | | ●● |
| H Hard materials | | | ● | | |
| O Other | | ● | | | |
| Insert width s in [mm] | 0.315 [8.0] | 0.059–0.197 [1.5–5.0] | 0.059–0.394 [1.5–10.0] | 0.472–0.748 [12.0–19.0] | 0.028–0.079 [0.7–2.0] |
| a _p in [mm] | 0.035–0.158 [0.9–4.0] | | | | |
| f in [mm] | 0.007–0.022 [0.18–0.55] | 0.001–0.010 [0.03–0.25] | 0.001–0.024 [0.03–0.60] | 0.008–0.024 [0.20–0.60] | 0.001–0.006 [0.02–0.14] |
| Page in catalog | A 403 | A 403 | A 402 | A 404 | A 405 |

QR code


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UF4

SF5

CE4

GD2

CD8

| System | WT | | | | |
|---|---|---|--|---|---|
| Machining | Low feed | | | | |
| Geometry |  |  |  |  |  |
| | GD8 | DG8 | UA8 | VG8 | RA8 |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ●● | ●● | ●● | ●● | ●● |
| S Materials with difficult cutting properties | ●● | ●● | ●● | ●● | ●● |
| H Hard materials | | | | | |
| O Other | | | | | |
| Insert width s in [mm] | 0.020–0.098 [0.5–2.5] | 0.118 [3.0] | 0.039–0.098 [1.0–2.5] | 0.118 [3.0] | 0.049–0.063 [1.25–1.6] |
| a _p in [mm] | | 0.004–0.158 [0.1–4.0] | 0.004–0.118 [0.1–3.0] | 0.004–0.158 [0.1–4.0] | 0.002–0.032 [0.05–0.8] |
| f in [mm] | 0.001–0.006 [0.02–0.16] | 0.001–0.006 [0.02–0.16] | 0.001–0.006 [0.02–0.16] | 0.001–0.006 [0.02–0.16] | 0.001–0.006 [0.02–0.14] |
| Page in catalog | A 405 | A 406 | A 405 | A 405 | A 405 |

QR code


www.walter-tools.com/woc/

GD8

DG8







UA8

VG8

RA8

WALTER SELECT

●● Primary application ● Other application

| Cutting inserts | | | |
|--|---|---|---|
| System | WT | | |
| Machining | | | |
| | NEW  | NEW  |  |
| Geometry | AG60 | ISO | .X..N |
| P Steel | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● |
| K Cast iron | ● | ● | ●● |
| N NF metals | ● | ●● | ●● |
| S Materials with difficult cutting properties | ●● | ●● | ●● |
| H Hard materials | | | ●● |
| O Other | | | ● |
| Insert width s in [mm] | | | 0.118 [3.0] |
| a_p in [mm] | | | |
| f in [mm] | | | |
| Page in catalog | A 408 | A 408 | A 409 |
| QR code |  |  |  |
| www.walter-tools.com/woc/ | AG60 | ISO | -X-N |

Cutting inserts

| System | WE..-G | WE..-GR | WE..-GP | WE..-T | |
|---|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| Machining | | | | | |
| | | | | | |
| Geometry | G | GR | GP | T | T-X |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ●● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● | ●● | ●● | ●● |
| H Hard materials | ● | ● | ● | ● | ● |
| O Other | ● | ● | ● | ● | ● |
| Insert width s in [mm] | 0.028–0.125 [0.7–3.18] | 0.032–0.118 [0.8–3.0] | 0.039 [1.0] | | |
| a _p in [mm] | | | | 0.002–0.012 [0.05–0.3] | 0.002–0.012 [0.05–0.3] |
| f in [mm] | 0.0004–0.002 [0.01–0.04] | 0.0004–0.002 [0.01–0.04] | 0.0004–0.002 [0.01–0.04] | 0.001–0.004 [0.02–0.10] | 0.001–0.004 [0.02–0.10] |
| Page in catalog | A 410 | A 413 | A 413 | A 416 | A 416 |

QR code


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G

GR

GP

T

T-X

| System | WE..-C | WE..-B | WE..-A | WE..-AR | WE..-AC |
|---|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| Machining | | | | | |
| | | | | | |
| Geometry | C | B | A | AR | AC |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● | ●● | ●● | ●● |
| H Hard materials | ● | ● | ● | ● | ● |
| O Other | ● | ● | ● | ● | ● |
| Insert width s in [mm] | | | 0.039–0.118 [1.0–3.0] | 0.059–0.118 [1.5–3.0] | 0.039–0.118 [1.0–3.0] |
| a _p in [mm] | 0.002 [0.05] | 0.002 [0.05] | | | |
| f in [mm] | 0.001–0.004 [0.02–0.10] | 0.001–0.004 [0.02–0.10] | 0.0004–0.002 [0.01–0.04] | 0.0004–0.002 [0.01–0.04] | 0.0004–0.002 [0.01–0.04] |
| Page in catalog | A 417 | A 418 | A 415 | A 415 | |

QR code


www.walter-tools.com/woc/

C

B





A

AR

AC

WALTER SELECT

●● Primary application ● Other application

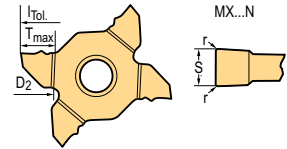
| Cutting inserts | | |
|--|--|--|
| System | WE..-AD | WE..-I |
| Machining | | |
| |  |  |
| Geometry | AD | I |
| P Steel | ●● | ●● |
| M Stainless steel | ●● | ●● |
| K Cast iron | ● | ● |
| N NF metals | ● | ● |
| S Materials with difficult cutting properties | ●● | ●● |
| H Hard materials | ● | |
| O Other | ● | |
| Insert width s in [mm] | 0.059–0.118 [1.5–3.0] | |
| a_p in [mm] | | |
| f in [mm] | 0.0004–0.002 [0.01–0.04] | |
| Page in catalog | A 415 | A 418 |
| QR code |  |  |
| | AD | I |

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Grooving and parting off – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | T _{max} in | D ₂ in | f in | S _{Tol} in | I _{Tol} in | P | | M | | S | |
|---|---------|---------|---------|------------------------|----------------------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | HC | | HC | |
| | | | | | | | | | WSM23G | WSM33G | WSM23G | WSM33G | WSM23G | WSM33G |
|  MX22-2E050N01-GD8 | 0.5 | 0.020 | 0.004 | 0.098 | | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E100N01-GD8 | 1 | 0.039 | 0.004 | 0.138 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E150N01-GD8 | 1.5 | 0.059 | 0.004 | 0.197 | 5.118 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E170N02-GD8 | 1.7 | 0.067 | 0.008 | 0.118 | | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E200N02-GD8 | 2 | 0.079 | 0.008 | 0.236 | 3.937 | 0.002-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E224N02-GD8 | 2.24 | 0.088 | 0.008 | 0.236 | 3.937 | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E300N02-GD8 | 3 | 0.118 | 0.008 | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E318N02-GD8 | 3.18 | 0.125 | 0.008 | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E325N02-GD8 | 3.25 | 0.128 | 0.008 | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

I_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm

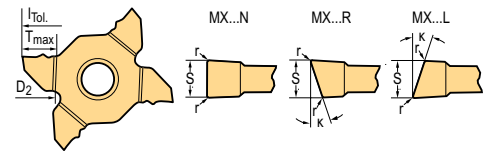
HC = Coated carbide

Ordering example for the grade WSM23G: MX22-2E050N01-GD8 WSM23G

Grooving and parting off – cutting inserts

MX

Tiger-tec® Gold



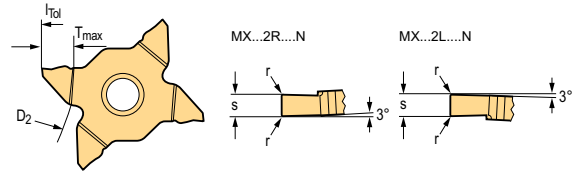
Cutting inserts

| Designation | s mm | s in | r in | κ | T _{max} in | D ₂ in | f in | S _{Tol} in | h _{Tol} in | P | | | M | | | S | | |
|-------------------|---------|---------|---------|----|------------------------|----------------------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | | HC | | | HC | | | HC | | |
| | | | | | | | | | | WSM13G | WSM23G | WSM33G | WSM13G | WSM23G | WSM33G | WSM13G | WSM23G | WSM33G |
| MX22-2E080N01-CF5 | 0.8 | 0.032 | 0.004 | | 0.063 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E100N01-CF5 | 1 | 0.039 | 0.004 | | 0.138 | 5.118 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E104N01-CF5 | 1.04 | 0.041 | 0.004 | | 0.079 | | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E120N01-CF5 | 1.2 | 0.047 | 0.004 | | 0.079 | | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E140N01-CF5 | 1.4 | 0.055 | 0.004 | | 0.079 | | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E147N01-CF5 | 1.47 | 0.058 | 0.004 | | 0.098 | | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E150N01-CF5 | 1.5 | 0.059 | 0.004 | | 0.197 | 5.118 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E157N02-CF5 | 1.57 | 0.062 | 0.008 | | 0.118 | | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E170N02-CF5 | 1.7 | 0.067 | 0.008 | | 0.118 | | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E185N02-CF5 | 1.85 | 0.073 | 0.008 | | 0.118 | | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E196N02-CF5 | 1.96 | 0.077 | 0.008 | | 0.118 | | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E200N02-CF5 | 2 | 0.079 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E224N02-CF5 | 2.24 | 0.088 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E239N02-CF5 | 2.39 | 0.094 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E250N02-CF5 | 2.5 | 0.098 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E275N02-CF5 | 2.75 | 0.108 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E300N02-CF5 | 3 | 0.118 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E318N02-CF5 | 3.18 | 0.125 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E325N02-CF5 | 3.25 | 0.128 | 0.008 | | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E400N02-CF5 | 4 | 0.158 | 0.008 | | 0.236 | 3.937 | 0.004-0.008 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E400N04-CF5 | 4 | 0.158 | 0.016 | | 0.236 | 3.937 | 0.004-0.008 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E425N02-CF5 | 4.25 | 0.167 | 0.008 | | 0.236 | 3.937 | 0.004-0.008 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E480N06-CF5 | 4.8 | 0.189 | 0.024 | | 0.236 | 3.937 | 0.004-0.010 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E500N02-CF5 | 5 | 0.197 | 0.008 | | 0.236 | 3.937 | 0.004-0.010 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E500N04-CF5 | 5 | 0.197 | 0.016 | | 0.236 | 3.937 | 0.004-0.010 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E100R10-CF5 | 1 | 0.039 | 0.002 | 10 | 0.138 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E150R10-CF5 | 1.5 | 0.059 | 0.002 | 10 | 0.197 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E200R6-CF5 | 2 | 0.079 | 0.004 | 6 | 0.236 | 3.937 | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E080L5-CF5 | 0.8 | 0.032 | 0.002 | 5 | 0.063 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E100L10-CF5 | 1 | 0.039 | 0.002 | 10 | 0.138 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E150L10-CF5 | 1.5 | 0.059 | 0.002 | 10 | 0.197 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E200L6-CF5 | 2 | 0.079 | 0.004 | 6 | 0.236 | 3.937 | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23G: MX22-2E080N01-CF5 WSM23G

HC = Coated carbide

Grooving and parting off 3° – cutting inserts

MX
Tiger-tec® Gold


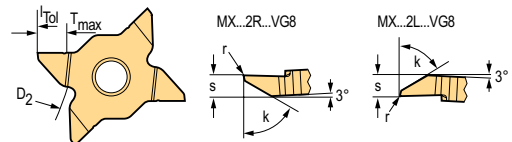
Cutting inserts

| Designation | s mm | s in | r in | T _{max} in | D ₂ in | f in | S _{Tol} in | l _{Tol} in | P | M | S |
|---|---------|---------|---------|------------------------|----------------------|-------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
| | | | | | | | | | WSM23G | WSM23G | WSM23G |
| MX22-2R150N01-GD8 MX22-2R200N02-GD8 MX22-2R300N02-GD8 | 1.5 | 0.059 | 0.004 | 0.197 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| | 2 | 0.079 | 0.008 | 0.197 | 3.937 | 0.002-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| | 3 | 0.118 | 0.008 | 0.197 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| MX22-2L150N01-GD8 MX22-2L200N02-GD8 MX22-2L300N02-GD8 | 1.5 | 0.059 | 0.004 | 0.197 | 5.118 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| | 2 | 0.079 | 0.008 | 0.197 | 3.937 | 0.002-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| | 3 | 0.118 | 0.008 | 0.197 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 When using the cutting insert MX22-2R... tool G3051...R must be used
 When using cutting insert MX22-2L... tool G3051...L must be used
 Ordering example for the grade WSM23G: MX22-2R150N01-GD8 WSM23G

HC = Coated carbide

Grooving and recessing 3° – Cutting inserts

MX
Tiger-tec® Gold


Cutting inserts

| Designation | s mm | s in | r in | κ | T _{max} in | D ₂ in | f in | S _{Tol} in | l _{Tol} in | P | M | S |
|-----------------------|---------|---------|---------|-------|------------------------|----------------------|-------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | | | HC | HC | HC |
| | | | | | | | | | | WSM23G | WSM23G | WSM23G |
| MX22-2R280R01-VG8 | 2.8 | 0.110 | 0.002 | 2.362 | 0.217 | 3.937 | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| | 2.8 | 0.110 | 0.002 | 2.362 | 0.217 | 3.937 | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23G: MX22-2R280R01-VG8 WSM23G

HC = Coated carbide

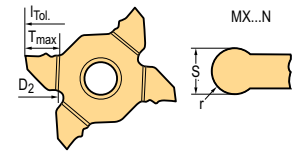
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Grooving and copy turning – cutting inserts


MX

Tiger-tec® Gold



A2

Cutting inserts

| Designation | s mm | s in | r in | T _{max} in | D ₂ in | f in | S _{Tol} in | l _{Tol} in | P | | M | | S | |
|---|---------|---------|---------|------------------------|----------------------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | HC | | HC | |
| | | | | | | | | | WSM23G | WSM13G | WSM23G | WSM13G | WSM23G | WSM13G |
|  MX22-2E157N08-RF5 | 1.57 | 0.062 | 0.031 | 0.118 | 5.118 | 0.002-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☹ | ☹ | ☹ | ☹ |
| MX22-2E200N10-RF5 | 2 | 0.079 | 0.039 | 0.236 | 3.937 | 0.002-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E239N12-RF5 | 2.39 | 0.094 | 0.047 | 0.236 | 3.937 | 0.002-0.007 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E300N15-RF5 | 3 | 0.118 | 0.059 | 0.236 | 3.937 | 0.002-0.008 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E318N16-RF5 | 3.18 | 0.125 | 0.063 | 0.236 | 3.937 | 0.002-0.008 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E400N20-RF5 | 4 | 0.158 | 0.079 | 0.236 | 3.937 | 0.002-0.009 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-4E500N25-RF5 | 5 | 0.197 | 0.098 | 0.236 | 3.937 | 0.002-0.010 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

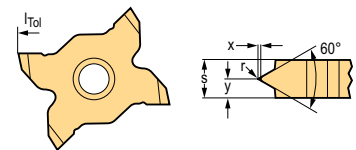
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23G: MX22-2E157N08-RF5 WSM23G

HC = Coated carbide


External thread – Full profile – Cutting inserts

MX

Tiger-tec® Gold



Indexable inserts

| Designation | P mm | s mm | s in | r in | X in | Y in | P | | M | | S | |
|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| | | | | | | | HC | | HC | | HC | |
| | | | | | | | WSM23G | WSM13G | WSM23G | WSM13G | WSM23G | WSM13G |
|  MX22-2E-EN1.00ISO | 1 | 3.35 | 0.132 | 0.005 | 0.005 | 0.066 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E-EN1.50ISO | 1.5 | 3.35 | 0.132 | 0.008 | 0.008 | 0.066 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| MX22-2E-EN2.00ISO | 2 | 3.35 | 0.132 | 0.010 | 0.010 | 0.066 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23G: MX22-2E-EN1.00ISO WSM23G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

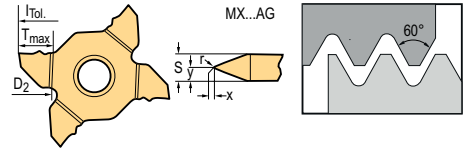
☺ ☹ ☹ / ★ = New addition to the product range

Single-, double- and multi-edged cutting inserts A 379


External thread – 60° partial profile – cutting inserts

MX

Tiger-tec® Gold



Indexable inserts

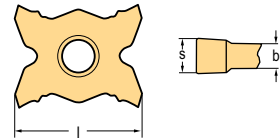
| Designation | P in | Pitch (P) tpi | s mm | s in | r in | X in | Y in | P | | M | | S | |
|--|-------------|------------------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | WSM23G | WSM33G | WSM23G | WSM33G | WSM23G | WSM33G |
|  MX22-2E-EN-A60 MX22-4E-EN-AG60 | 0.020–0.059 | 48–16 | 3.35 | 0.132 | 0.002 | 0.002 | 0.066 | HC | HC | HC | HC | HC | HC |
| | 0.020–0.118 | 48–8 | 5.65 | 0.222 | 0.003 | 0.003 | 0.111 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance $r_{Tol} = \pm 0.05$ mm
 Ordering example for the grade WSM23G: MX22-2E-EN-A60 WSM23G


HC = Coated carbide

Semi-finished blanks for special shapes

MX



Cutting inserts

| Designation | s mm | s in | l in | P | M | S |
|---|---------|---------|---------|-------|-------|-------|
| | | | | HF | HF | HF |
|  MX22-2E335N MX22-4E565N | 3.35 | 0.132 | 0.913 | WMG30 | WMG30 | WMG30 |
| | 5.65 | 0.222 | 0.913 | ☺ | ☺ | ☺ |

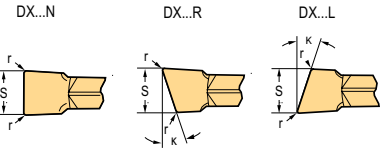
Grade WMG30 has the ISO application ranges P20, M20, S20
 Ordering example for the grade WMG30: MX22-2E335N WMG30

HF = Uncoated fine-grained carbide

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | κ | l in | f in | S _{Tol} in | l _{Tol} in | P | | | | M | | | | K | | N | | S | | |
|-------------------|---------|---------|---------|----|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|
| | | | | | | | | | WSM13G | WKP23G | WSM23G | WSM33G | WSM43G | WSM13G | WSM23G | WSM33G | WSM43G | WKP23G | WN13 | WSM13G | WSM23G | WSM33G | WSM43G |
| DX18-1E150N01-CK8 | 1.5 | 0.059 | 0.006 | | 0.709 | 0.002-0.004 | ±0.0008 | ±0.0059 | | | | | | | | | | ☺ | | | | | |
| DX18-2E200N02-CK8 | 2 | 0.079 | 0.008 | | 0.709 | 0.002-0.005 | ±0.0008 | ±0.0059 | | | | | | | | | | ☺ | | | | | |
| DX18-3E300N02-CK8 | 3 | 0.118 | 0.008 | | 0.709 | 0.003-0.008 | ±0.0008 | ±0.0059 | | | | | | | | | | ☺ | | | | | |
| DX18-4E400N02-CK8 | 4 | 0.158 | 0.008 | | 0.709 | 0.004-0.009 | ±0.0008 | ±0.0059 | | | | | | | | | | ☺ | | | | | |
| DX18-2E200R7-CK8 | 2 | 0.079 | 0.000 | 7 | 0.709 | 0.002-0.004 | ±0.0008 | ±0.0059 | | | | | | | | | | ☺ | | | | | |
| DX18-2E200L7-CK8 | 2 | 0.079 | | 7 | 0.709 | 0.002-0.004 | ±0.0008 | ±0.0059 | | | | | | | | | | ☺ | | | | | |
| DX18-1E100N01-CF6 | 1 | 0.039 | 0.004 | | 0.709 | 0.001-0.003 | ±0.0020 | ±0.0059 | | | ☹ | | | | | | | | | | | ☹ | |
| DX18-1E150N01-CF6 | 1.5 | 0.059 | 0.006 | | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E200N02-CF6 | 2 | 0.079 | 0.008 | | 0.709 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E250N02-CF6 | 2.5 | 0.098 | 0.008 | | 0.709 | 0.001-0.007 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300N02-CF6 | 3 | 0.118 | 0.008 | | 0.709 | 0.002-0.009 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-1E150R10-CF6 | 1.5 | 0.059 | 0.000 | 10 | 0.709 | 0.001-0.004 | ±0.0020 | ±0.0059 | | | ☹ | | | | | | | | | | | ☹ | |
| DX18-2E200R6-CF6 | 2 | 0.079 | 0.008 | 6 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E250R6-CF6 | 2.5 | 0.098 | 0.008 | 6 | 0.709 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300R6-CF6 | 3 | 0.118 | 0.008 | 6 | 0.709 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E200R15-CF6 | 2 | 0.079 | 0.000 | 15 | 0.720 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300R15-CF6 | 3 | 0.118 | 0.000 | 15 | 0.740 | 0.002-0.009 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-1E150L10-CF6 | 1.5 | 0.059 | | 10 | 0.709 | 0.001-0.004 | ±0.0020 | ±0.0059 | | | ☹ | | | | | | | | | | | ☹ | |
| DX18-2E200L6-CF6 | 2 | 0.079 | 0.008 | 6 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E250L6-CF6 | 2.5 | 0.098 | 0.008 | 6 | 0.709 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300L6-CF6 | 3 | 0.118 | 0.008 | 6 | 0.709 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E200L15-CF6 | 2 | 0.079 | | 15 | 0.720 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-1E100N01-CF5 | 1 | 0.039 | 0.004 | | 0.709 | 0.001-0.003 | ±0.0020 | ±0.0059 | | | ☹ | | | | | | | | | | | ☹ | |
| DX18-1E150N01-CF5 | 1.5 | 0.059 | 0.006 | | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E200N00-CF5 | 2 | 0.079 | 0.008 | | 0.709 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E200N02-CF5 | 2 | 0.079 | 0.008 | | 0.709 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☹ | ☹ | ☺ | ☺ | | | | | ☺ | ☺ | | ☹ | ☹ |
| DX18-2E250N02-CF5 | 2.5 | 0.098 | 0.008 | | 0.709 | 0.001-0.007 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300N02-CF5 | 3 | 0.118 | 0.008 | | 0.709 | 0.002-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☹ | ☹ | ☺ | ☺ | | | | | ☺ | ☺ | | ☹ | ☹ |
| DX18-1E150R10-CF5 | 1.5 | 0.059 | 0.000 | 10 | 0.709 | 0.001-0.002 | ±0.0020 | ±0.0059 | | | ☹ | | | | | | | | | | | ☹ | |
| DX18-2E200R6-CF5 | 2 | 0.079 | 0.008 | 6 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E200R7-CF5 | 2 | 0.079 | 0.000 | 7 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | | | | | | | | | | | ☹ | |
| DX18-2E200R15-CF5 | 2 | 0.079 | 0.000 | 15 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-2E250R6-CF5 | 2.5 | 0.098 | 0.008 | 6 | 0.709 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300R6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.709 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300R7-CF5 | 3 | 0.118 | 0.000 | 7 | 0.740 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |
| DX18-3E300R15-CF5 | 3 | 0.118 | 0.000 | 15 | 0.740 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | ☹ | ☹ | | | | | | | | | | ☹ | ☹ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WN13: DX18-1E150N01-CK8 WN13

HC = Coated carbide
 HF = Uncoated fine-grained carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

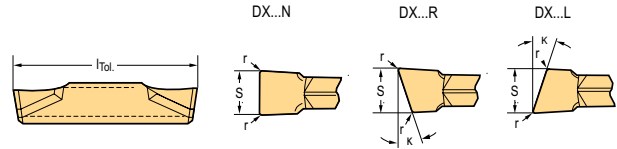
Single-, double- and multi-edged cutting inserts A 381

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold

A2



Cutting inserts

| Designation | s mm | s in | r in | k | l in | f in | S _{Tol} in | l _{Tol} in | P | | | | M | | | | K | | N | | S | | | |
|-------------------|---------|---------|---------|----|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|---|
| | | | | | | | | | WSM13G | WKP23G | WSM23G | WSM33G | WSM43G | WSM13G | WSM23G | WSM33G | WSM43G | WKP23G | WN13 | WSM13G | WSM23G | WSM33G | WSM43G | |
| DX18-1E150L10-CF5 | 1.5 | 0.059 | 0 | 10 | 0.709 | 0.001-0.002 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | | |
| DX18-2E200L6-CF5 | 2 | 0.079 | 0.008 | 6 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200L7-CF5 | 2 | 0.079 | 0 | 7 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200L15-CF5 | 2 | 0.079 | 0 | 15 | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E250L6-CF5 | 2.5 | 0.098 | 0.008 | 6 | 0.709 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300L6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.709 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300L7-CF5 | 3 | 0.118 | 0 | 7 | 0.740 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300L15-CF5 | 3 | 0.118 | 0 | 15 | 0.740 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3F300N02-CF5 | 3 | 0.118 | 0.008 | | 0.709 | 0.003-0.009 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-1E120N01-CE4 | 1.2 | 0.047 | 0.006 | | 0.709 | 0.002-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-1E150N01-CE4 | 1.5 | 0.059 | 0.006 | | 0.709 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200N02-CE4 | 2 | 0.079 | 0.008 | | 0.709 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E250N02-CE4 | 2.5 | 0.098 | 0.008 | | 0.709 | 0.003-0.008 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300N02-CE4 | 3 | 0.118 | 0.008 | | 0.709 | 0.004-0.013 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200R6-CE4 | 2 | 0.079 | 0.008 | 6 | 0.709 | 0.002-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E250R6-CE4 | 2.5 | 0.098 | 0.008 | 6 | 0.709 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300R6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.709 | 0.004-0.011 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200L6-CE4 | 2 | 0.079 | 0.008 | 6 | 0.709 | 0.002-0.005 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E250L6-CE4 | 2.5 | 0.098 | 0.008 | 6 | 0.709 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300L6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.709 | 0.004-0.011 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3F300N02-CE4 | 3 | 0.118 | 0.008 | | 0.709 | 0.004-0.013 | ±0.0020 | ±0.0059 | | | | ☺ | | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200N02-GD6 | 2 | 0.079 | 0.008 | | 0.709 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E250N02-GD6 | 2.5 | 0.098 | 0.008 | | 0.709 | 0.002-0.008 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300N03-GD6 | 3 | 0.118 | 0.012 | | 0.709 | 0.003-0.008 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-4E400N04-GD6 | 4 | 0.158 | 0.016 | | 0.728 | 0.004-0.010 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E200N02-GD3 | 2 | 0.079 | 0.008 | | 0.709 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |
| DX18-2E250N02-GD3 | 2.5 | 0.098 | 0.008 | | 0.709 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |
| DX18-3E300N03-GD3 | 3 | 0.118 | 0.012 | | 0.709 | 0.002-0.008 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |
| DX18-4E400N04-GD3 | 4 | 0.158 | 0.016 | | 0.728 | 0.004-0.009 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | | | | | | | | ☺ | ☺ | ☺ |

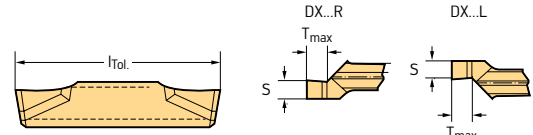
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WN13: DX18-1E150N01-CK8 WN13

HC = Coated carbide
 HF = Uncoated fine-grained carbide

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | S _{Tol} in | l _{Tol} in | P | M | S |
|-------------------|---------|---------|---------|---------|-------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | HC | HC | HC |
| | | | | | | | | WSM23G | WSM23G | WSM23G |
| DX18-2E100R00-GD8 | 1 | 0.039 | 0 | 0.709 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ |
| DX18-2E120R00-GD8 | 1.2 | 0.047 | 0 | 0.709 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ |
| DX18-2E140R00-GD8 | 1.4 | 0.055 | 0.008 | 0.709 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ |
| DX18-2E100L00-GD8 | 1 | 0.039 | 0 | 0.709 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ |
| DX18-2E120L00-GD8 | 1.2 | 0.047 | 0 | 0.709 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ |
| DX18-2E140L00-GD8 | 1.4 | 0.055 | 0 | 0.709 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ |

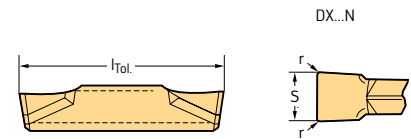
Ordering example for the grade WSM23G: DX18-2E100R00-GD8 WSM23G

HC = Coated carbide

Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | | | M | | | | K | | | S | | | H | |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | | | | | | | HC | HC | HC | HC | HC | HC | HC | HC | HC | HC | HC | HC | | | | |
| | | | | | | | | | WKP13G | WSM13G | WKP23G | WSM23G | WKP33G | WSM33G | WSM43G | WKP13G | WKP23G | WKP33G | WSM13G | WSM23G | WSM33G | WSM43G | WKP13G | |
| DX18-1E160N01-UF8 | 1.6 | 0.063 | 0.004 | 0.709 | 0.002-0.007 | 0.012-0.039 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-1E170N01-UF8 | 1.7 | 0.067 | 0.004 | 0.709 | 0.002-0.007 | 0.012-0.039 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-1E185N01-UF8 | 1.85 | 0.073 | 0.004 | 0.709 | 0.002-0.009 | 0.012-0.039 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-1E196N01-UF8 | 1.96 | 0.077 | 0.004 | 0.709 | 0.002-0.009 | 0.012-0.047 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-2E200N02-UF8 | 2 | 0.079 | 0.008 | 0.709 | 0.002-0.009 | 0.012-0.047 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-2E225N01-UF8 | 2.25 | 0.089 | 0.004 | 0.709 | 0.002-0.009 | 0.012-0.051 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-2E275N01-UF8 | 2.75 | 0.108 | 0.004 | 0.709 | 0.002-0.009 | 0.012-0.051 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-3E300N02-UF8 | 3 | 0.118 | 0.008 | 0.709 | 0.003-0.009 | 0.016-0.059 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-3E318N02-UF8 | 3.18 | 0.125 | 0.008 | 0.709 | 0.003-0.009 | 0.016-0.059 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-3E325N01-UF8 | 3.25 | 0.128 | 0.004 | 0.709 | 0.003-0.009 | 0.016-0.063 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-4E400N04-UF8 | 4 | 0.158 | 0.016 | 0.709 | 0.004-0.012 | 0.020-0.087 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-4E425N02-UF8 | 4.25 | 0.167 | 0.008 | 0.709 | 0.004-0.012 | 0.020-0.087 | ±0.0008 | ±0.0059 | | | | ☺ | | | | | | | | | | | | |
| DX18-2E200N02-UF7 | 2 | 0.079 | 0.008 | 0.709 | 0.002-0.009 | 0.012-0.047 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | | | |
| DX18-3E300N02-UF7 | 3 | 0.118 | 0.008 | 0.709 | 0.003-0.009 | 0.016-0.059 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | | | |
| DX18-4E400N02-UF7 | 4 | 0.158 | 0.008 | 0.709 | 0.004-0.012 | 0.012-0.087 | ±0.0020 | ±0.0059 | | | | ☺ | ☺ | | | | | | | | | | | |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.0020 mm

Ordering example for the grade WSM23G: DX18-1E160N01-UF8 WSM23G

HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

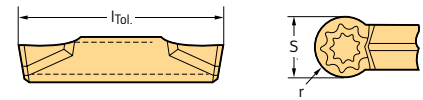
☺ ☹ ☹ / * = New addition to the product range

Single-, double- and multi-edged cutting inserts A 383

Grooving and copy turning – cutting inserts

DX

Tiger-tec® Gold



A2

Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | | | M | | | K | | S | |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | | | HC | | | HC | | HC | |
| | | | | | | | | | WSM13G | WKP23G | WSM23G | WSM33G | WSM13G | WSM23G | WSM33G | WKP23G | WSM13G | WSM23G | WSM33G |
| DX18-3E300N15-RF8 | 3 | 0.118 | 0.059 | 0.709 | 0.003-0.010 | 0.004-0.039 | ±0.0008 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| DX18-2E200N10-RF7 | 2 | 0.079 | 0.039 | 0.721 | 0.003-0.010 | 0.004-0.039 | ±0.0002 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| DX18-3E300N15-RF7 | 3 | 0.118 | 0.059 | 0.721 | 0.004-0.013 | 0.004-0.059 | ±0.0002 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| DX18-4E400N20-RF7 | 4 | 0.158 | 0.079 | 0.728 | 0.005-0.019 | 0.004-0.079 | ±0.0002 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| DX18-2E200N10-RD4 | 2 | 0.079 | 0.039 | 0.721 | 0.003-0.011 | 0.008-0.039 | ±0.0002 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| DX18-2E239N12-RD4 | 2.39 | 0.094 | 0.047 | 0.721 | 0.003-0.010 | 0.008-0.039 | ±0.0002 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| DX18-3E300N15-RD4 | 3 | 0.118 | 0.059 | 0.721 | 0.004-0.015 | 0.020-0.059 | ±0.0002 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |

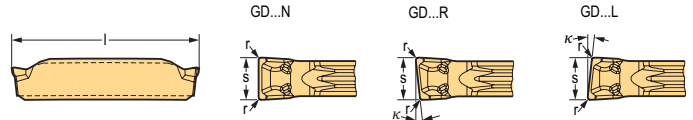
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0002 mm
 Ordering example for the grade WSM13G: DX18-3E300N15-RF8 WSM13G

HC = Coated carbide

Grooving and parting off – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | κ | l in | f in | S _{Tol} in | h _{Tol} in | P | | | | M | | | | K | | S | | | |
|-------------------|---------|---------|---------|---|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | WSM13G | WKP23G | WSM23G | WSM33G | WSM43G | WSM13G | WSM23G | WSM33G | WSM43G | WKP23G | WSM13G | WSM23G | WSM33G | WSM43G |
| GD26-3E300N03-GD6 | 3 | 0.118 | 0.012 | | 1.043 | 0.003-0.007 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | | | ☺ | ☺ | | | ☺ | ☺ | | |
| GD26-4E400N04-GD6 | 4 | 0.158 | 0.016 | | 1.043 | 0.004-0.009 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | | | ☺ | ☺ | | | ☺ | ☺ | | |
| GD26-5E500N04-GD6 | 5 | 0.197 | 0.016 | | 1.043 | 0.005-0.009 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | | | ☺ | ☺ | | | ☺ | ☺ | | |
| GD26-6E600N05-GD6 | 6 | 0.236 | 0.020 | | 1.043 | 0.006-0.012 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | | | ☺ | ☺ | | | ☺ | ☺ | | |
| GD26-3E300N03-GD3 | 3 | 0.118 | 0.012 | | 1.043 | 0.002-0.007 | ±0.0020 | ±0.0059 | | | ☺ | | ☺ | ☺ | | | ☺ | | | | ☺ | ☺ |
| GD26-4E400N04-GD3 | 4 | 0.158 | 0.016 | | 1.043 | 0.004-0.008 | ±0.0020 | ±0.0059 | | | ☺ | | ☺ | ☺ | | | ☺ | | | | ☺ | ☺ |
| GD26-5E500N04-GD3 | 5 | 0.197 | 0.016 | | 1.043 | 0.005-0.010 | ±0.0020 | ±0.0059 | | | ☺ | | ☺ | ☺ | | | ☺ | | | | ☺ | ☺ |
| GD26-6E600N05-GD3 | 6 | 0.236 | 0.020 | | 1.043 | 0.006-0.011 | ±0.0020 | ±0.0059 | | | ☺ | | ☺ | ☺ | | | ☺ | | | | ☺ | ☺ |

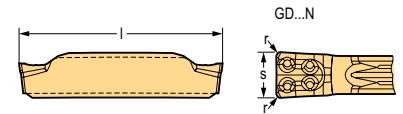
h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM33G: GD26-3E300N02-CF6 WSM33G

HC = Coated carbide

Grooving and recessing – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | h _{Tol} in | P | | | | M | | | K | | | S | | H | | |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | WKP13G | WKP23G | WSM23G | WKP33G | WSM33G | WSM43G | WSM23G | WSM33G | WSM43G | WKP13G | WKP23G | WKP33G | WSM23G | WSM33G | WSM43G |
| GD26-3E300N02-UF4 | 3 | 0.118 | 0.008 | 1.043 | 0.004-0.008 | 0.012-0.079 | ±0.0020 | ±0.0059 | | | | | | | | | | | | | | | |
| GD26-3E300N03-UF4 | 3 | 0.118 | 0.012 | 1.043 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-3E318N03-UF4 | 3.18 | 0.125 | 0.012 | 1.043 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-4E400N02-UF4 | 4 | 0.158 | 0.008 | 1.043 | 0.004-0.012 | 0.012-0.110 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-4E400N04-UF4 | 4 | 0.158 | 0.016 | 1.043 | 0.004-0.012 | 0.020-0.110 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-4E400N08-UF4 | 4 | 0.158 | 0.032 | 1.043 | 0.004-0.012 | 0.020-0.110 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-5E500N04-UF4 | 5 | 0.197 | 0.016 | 1.043 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-5E500N08-UF4 | 5 | 0.197 | 0.032 | 1.043 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-6E600N05-UF4 | 6 | 0.236 | 0.020 | 1.043 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GD26-6E600N08-UF4 | 6 | 0.236 | 0.032 | 1.043 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | | | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |

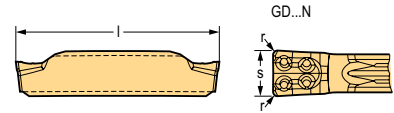
h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM33G: GD26-3E300N02-UF4 WSM33G

HC = Coated carbide

Grooving and recessing – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | | | | M | | | K | | | S | | H |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | | | | HC | | | HC | | | HC | | HC |
| | | | | | | | | | WKP13G | WKP23G | WSM23G | WKP33G | WSM33G | WSM43G | WKP13G | WKP23G | WKP33G | WSM23G | WSM33G | WSM43G | WKP13G | WKP23G |
| GD26-3E300N03-UD4 | 3 | 0.118 | 0.012 | 1.043 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-3E318N03-UD4 | 3.18 | 0.125 | 0.012 | 1.043 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-4E400N04-UD4 | 4 | 0.158 | 0.016 | 1.043 | 0.004-0.012 | 0.020-0.110 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-4E400N08-UD4 | 4 | 0.158 | 0.032 | 1.043 | 0.004-0.012 | 0.020-0.110 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-5E500N04-UD4 | 5 | 0.197 | 0.016 | 1.043 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-5E500N08-UD4 | 5 | 0.197 | 0.032 | 1.043 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-6E600N05-UD4 | 6 | 0.236 | 0.020 | 1.043 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-6E600N08-UD4 | 6 | 0.236 | 0.032 | 1.043 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-3E300N03-UA4 | 3 | 0.118 | 0.012 | 1.043 | 0.004-0.009 | 0.016-0.079 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-4E400N04-UA4 | 4 | 0.158 | 0.016 | 1.043 | 0.004-0.014 | 0.020-0.110 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-5E500N04-UA4 | 5 | 0.197 | 0.016 | 1.043 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| GD26-6E600N05-UA4 | 6 | 0.236 | 0.020 | 1.043 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |

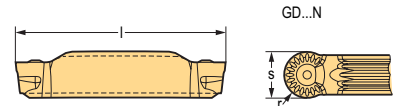
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM33G: GD26-3E300N02-UF4 WSM33G

HC = Coated carbide

Grooving and copy turning – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | | | M | | | K | S | |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | | | HC | | | HC | HC | |
| | | | | | | | | | WSM13G | WKP23G | WSM23G | WSM33G | WSM13G | WSM23G | WSM33G | WKP23G | WSM13G | WSM23G |
| GD26-3E300N15-RF8 | 3 | 0.118 | 0.059 | 1.043 | 0.004-0.012 | 0.004-0.059 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-4E400N20-RF8 | 4 | 0.158 | 0.079 | 1.043 | 0.005-0.018 | 0.004-0.079 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-5E500N25-RF8 | 5 | 0.197 | 0.098 | 1.043 | 0.006-0.020 | 0.004-0.098 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-6E600N30-RF8 | 6 | 0.236 | 0.118 | 1.043 | 0.006-0.022 | 0.004-0.118 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-3E300N15-RD4 | 3 | 0.118 | 0.059 | 1.043 | 0.004-0.014 | 0.020-0.059 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-3E318N16-RD4 | 3.18 | 0.125 | 0.063 | 1.043 | 0.004-0.014 | 0.020-0.059 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-4E400N20-RD4 | 4 | 0.158 | 0.079 | 1.043 | 0.006-0.020 | 0.020-0.079 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-5E500N25-RD4 | 5 | 0.197 | 0.098 | 1.043 | 0.007-0.024 | 0.020-0.098 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |
| GD26-6E600N30-RD4 | 6 | 0.236 | 0.118 | 1.043 | 0.007-0.028 | 0.020-0.118 | ±0.0020 | ±0.0059 | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM13G: GD26-3E300N15-RF8 WSM13G

HC = Coated carbide

Grooving and parting off – cutting inserts

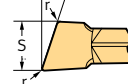
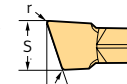
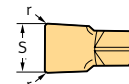
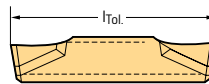
GX

Tiger-tec® Gold

GX..N

GX..R

GX..L



A2

Cutting inserts

| Designation | s mm | s in | r in | κ | l in | f in | S _{Tol} in | l _{Tol} in | P | | | | | M | | | | | K | | N | | S | | | | | | | | |
|-------------------|---------|---------|---------|-------|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | | | | HC | | | | | HC | | HW | | HC | | | | | | | | |
| | | | | | | | | | WKP23S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WKP23S | WK1 | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S |
| GX16-1E200N02-CK8 | 2 | 0.079 | 0.008 | | 0.654 | 0.002-0.005 | ±0.0008 | ±0.0012 | | | | | | | | | | | | | | ☺ | | | | | | | | | |
| GX16-2E300N02-CK8 | 3 | 0.118 | 0.008 | | 0.654 | 0.003-0.008 | ±0.0008 | ±0.0012 | | | | | | | | | | | | | | ☺ | | | | | | | | | |
| GX24-2E300N02-CK8 | 3 | 0.118 | 0.008 | | 0.969 | 0.003-0.008 | ±0.0008 | ±0.0012 | | | | | | | | | | | | | | ☺ | | | | | | | | | |
| GX24-3E400N02-CK8 | 4 | 0.157 | 0.008 | | 0.969 | 0.004-0.009 | ±0.0008 | ±0.0012 | | | | | | | | | | | | | | ☺ | | | | | | | | | |
| GX16-0E150N01-CF6 | 1.5 | 0.059 | 0.006 | | 0.654 | 0.001-0.004 | ±0.0008 | ±0.0020 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-1E200N02-CF6 | 2 | 0.079 | 0.008 | | 0.654 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-1E250N02-CF6 | 2.5 | 0.098 | 0.008 | | 0.654 | 0.001-0.006 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-2E300N02-CF6 | 3 | 0.118 | 0.008 | | 0.654 | 0.002-0.008 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX24-1E200N02-CF6 | 2 | 0.079 | 0.008 | | 0.945 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX24-2E300N02-CF6 | 3 | 0.118 | 0.008 | | 0.969 | 0.002-0.008 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-1E200R15-CF6 | 2 | 0.079 | 0.000 | 0.591 | 0.638 | 0.001-0.004 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-2E300R15-CF6 | 3 | 0.118 | 0.000 | 0.591 | 0.638 | 0.002-0.005 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-0E150R10-CF6 | 1.5 | 0.059 | 0.006 | 0.394 | 0.654 | 0.001-0.004 | ±0.0020 | ±0.0020 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-1E200R6-CF6 | 2 | 0.079 | 0.008 | 0.236 | 0.654 | 0.001-0.004 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-1E250R6-CF6 | 2.5 | 0.098 | 0.008 | 0.236 | 0.654 | 0.001-0.005 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX16-2E300R6-CF6 | 3 | 0.118 | 0.008 | 0.236 | 0.654 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX24-2E300R6-CF6 | 3 | 0.118 | 0.008 | 0.236 | 0.969 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |
| GX24-2E300L6-CF6 | 3 | 0.118 | 0.008 | 0.236 | 0.969 | 0.002-0.006 | ±0.0020 | ±0.0059 | | | | ☹ | | | | | | | | | | | | | | | | | | | |

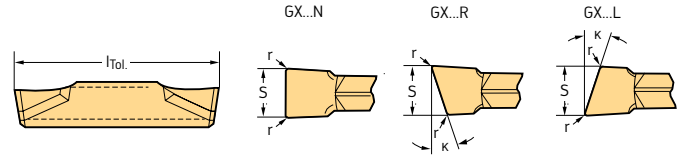
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Parting off with diameters up to 32 mm is possible with GX16 inserts (l = 16.6 mm)
 Ordering example for the grade WK1: GX16-1E200N02-CK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | k | l in | f in | S _{Tol} in | l _{Tol} in | P | | | | | M | | | | | K | N | S | | | | | |
|-------------------|---------|---------|---------|----|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|---------|---------|--------|--------|--------|---------|---------|--------|-----|--------|--------|--------|---------|---------|
| | | | | | | | | | HC | | | | | HC | | | | | HC | HW | HC | | | | | |
| | | | | | | | | | WKP23S | WSM23S | WSM33G | WSM33S | WSM4-3G | WSM4-3S | WSM23S | WSM33G | WSM33S | WSM4-3G | WSM4-3S | WKP23S | WK1 | WSM23S | WSM33G | WSM33S | WSM4-3G | WSM4-3S |
| GX16-1E200N02-CF5 | 2 | 0.079 | 0.008 | | 0.654 | 0.002-0.005 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E250N02-CF5 | 2.5 | 0.098 | 0.008 | | 0.654 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300N02-CF5 | 3 | 0.118 | 0.008 | | 0.654 | 0.003-0.008 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-1E200N02-CF5 | 2 | 0.079 | 0.008 | | 0.945 | 0.002-0.005 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-1E250N02-CF5 | 2.5 | 0.098 | 0.008 | | 0.945 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300N02-CF5 | 3 | 0.118 | 0.008 | | 0.945 | 0.003-0.008 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400N02-CF5 | 4 | 0.157 | 0.008 | | 0.945 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E500N03-CF5 | 5 | 0.197 | 0.012 | | 0.945 | 0.004-0.010 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300N00-CF5 | 3 | 0.118 | 0.000 | | 0.969 | 0.002-0.006 | ±0.0008 | ±0.0020 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX34-2E300N03-CF5 | 3 | 0.118 | 0.012 | | 1.339 | 0.003-0.008 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX34-3E400N04-CF5 | 4 | 0.157 | 0.016 | | 1.339 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E200R7-CF5 | 2 | 0.079 | 0.000 | 7 | 0.646 | 0.001-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E200R15-CF5 | 2 | 0.079 | 0.000 | 15 | 0.646 | 0.001-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E200R6-CF5 | 2 | 0.079 | 0.008 | 6 | 0.654 | 0.001-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E250R6-CF5 | 2.5 | 0.098 | 0.008 | 6 | 0.654 | 0.001-0.005 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300R6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.654 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300R15-CF5 | 3 | 0.118 | 0.000 | 15 | 0.654 | 0.002-0.005 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300R6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.969 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400R6-CF5 | 4 | 0.157 | 0.008 | 6 | 0.969 | 0.004-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX34-2E300R6-CF5 | 3 | 0.118 | 0.012 | 6 | 1.339 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300L6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.969 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400L6-CF5 | 4 | 0.157 | 0.008 | 6 | 0.969 | 0.004-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX34-2E300L6-CF5 | 3 | 0.118 | 0.012 | 6 | 1.339 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2F300N02-CF5 | 3 | 0.118 | 0.008 | | 0.933 | 0.003-0.008 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3F400N02-CF5 | 4 | 0.157 | 0.008 | | 0.933 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3F500N03-CF5 | 5 | 0.197 | 0.012 | | 0.933 | 0.004-0.010 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Parting off with diameters up to 32 mm is possible with GX16 inserts (l = 16.6 mm)
 Ordering example for the grade WK1: GX16-1E200N02-CK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts

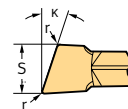
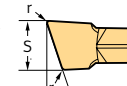
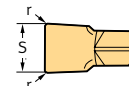
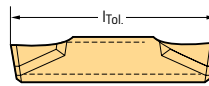
GX

Tiger-tec® Gold

GX..N

GX..R

GX..L



A2

Cutting inserts

| Designation | s mm | s in | r in | k | l in | f in | S _{Tol} in | l _{Tol} in | P | | | | M | | | | K | | N | | S | | | | | |
|-------------------|---------|---------|---------|---|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | | | HC | | | | HC | | HW | HC | | | | | | |
| | | | | | | | | | WKP23S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WKP23S | WK1 | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S |
| GX16-1E200N02-CE4 | 2 | 0.079 | 0.008 | | 0.654 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E250N02-CE4 | 2.5 | 0.098 | 0.008 | | 0.654 | 0.003-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300N02-CE4 | 3 | 0.118 | 0.008 | | 0.654 | 0.004-0.012 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-1E200N02-CE4 | 2 | 0.079 | 0.008 | | 0.945 | 0.002-0.006 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-1E250N02-CE4 | 2.5 | 0.098 | 0.008 | | 0.945 | 0.003-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300N02-CE4 | 3 | 0.118 | 0.008 | | 0.945 | 0.004-0.012 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400N03-CE4 | 4 | 0.157 | 0.012 | | 0.945 | 0.004-0.013 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E500N03-CE4 | 5 | 0.197 | 0.012 | | 0.945 | 0.005-0.014 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-4E600N03-CE4 | 6 | 0.236 | 0.012 | | 0.945 | 0.005-0.016 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX34-2E300N03-CE4 | 3 | 0.118 | 0.012 | | 1.339 | 0.004-0.012 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E200R6-CE4 | 2 | 0.079 | 0.008 | 6 | 0.654 | 0.002-0.004 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E250R6-CE4 | 2.5 | 0.098 | 0.008 | 6 | 0.654 | 0.002-0.005 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300R6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.654 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300R6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.969 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400R6-CE4 | 4 | 0.157 | 0.008 | 6 | 0.969 | 0.004-0.010 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300L6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.654 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300L6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.969 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400L6-CE4 | 4 | 0.157 | 0.008 | 6 | 0.969 | 0.004-0.010 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX34-2E300L6-CE4 | 3 | 0.118 | 0.012 | 6 | 1.339 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2F300N02-CE4 | 3 | 0.118 | 0.008 | | 0.945 | 0.004-0.012 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3F400N03-CE4 | 4 | 0.157 | 0.012 | | 0.945 | 0.004-0.013 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

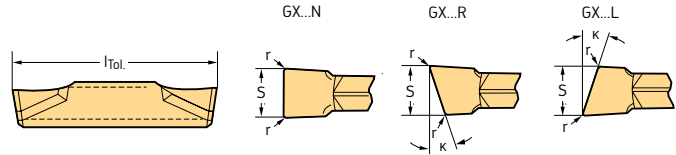
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Parting off with diameters up to 32 mm is possible with GX16 inserts (l = 16.6 mm)
 Ordering example for the grade WK1: GX16-1E200N02-CK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | k | l in | f in | S _{Tol} in | l _{Tol} in | P | | | | | M | | | | | K | | N | | S | | | | |
|-------------------|---------|---------|---------|---|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--|
| | | | | | | | | | HC | | | | | HC | | | | | HC | HW | HC | | | | | | |
| | | | | | | | | | WKP23S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | WKP23S | WK1 | WSM23S | WSM33G | WSM33S | WSM43G | WSM43S | |
| GX09-1E200N02-GD3 | 2 | 0.079 | 0.008 | | 0.354 | 0.002-0.005 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX09-1E250N02-GD3 | 2.5 | 0.098 | 0.008 | | 0.354 | 0.002-0.006 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX09-2E300N03-GD3 | 3 | 0.118 | 0.012 | | 0.354 | 0.002-0.007 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-1E200N02-GD3 | 2 | 0.079 | 0.008 | | 0.630 | 0.002-0.005 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-1E250N02-GD3 | 2.5 | 0.098 | 0.008 | | 0.630 | 0.002-0.006 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-2E300N03-GD3 | 3 | 0.118 | 0.012 | | 0.630 | 0.002-0.007 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-3E400N04-GD3 | 4 | 0.157 | 0.016 | | 0.630 | 0.004-0.008 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-2E300N03-GD3 | 3 | 0.118 | 0.012 | | 0.945 | 0.002-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-3E400N04-GD3 | 4 | 0.157 | 0.016 | | 0.945 | 0.004-0.008 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-3E500N04-GD3 | 5 | 0.197 | 0.016 | | 0.945 | 0.005-0.010 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-4E600N05-GD3 | 6 | 0.236 | 0.020 | | 0.945 | 0.006-0.011 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-1E200N02-GD6 | 2 | 0.079 | 0.008 | | 0.630 | 0.002-0.005 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-2E300N03-GD6 | 3 | 0.118 | 0.012 | | 0.630 | 0.003-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX16-3E400N04-GD6 | 4 | 0.157 | 0.016 | | 0.630 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-2E300N03-GD6 | 3 | 0.118 | 0.012 | | 0.945 | 0.003-0.007 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-3E400N04-GD6 | 4 | 0.157 | 0.016 | | 0.945 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-3E500N04-GD6 | 5 | 0.197 | 0.016 | | 0.945 | 0.005-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX24-4E600N05-GD6 | 6 | 0.236 | 0.020 | | 0.945 | 0.006-0.012 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX34-2E300N03-GD6 | 3 | 0.118 | 0.012 | | 1.339 | 0.003-0.008 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |
| GX34-3E400N04-GD6 | 4 | 0.157 | 0.016 | | 1.339 | 0.004-0.009 | ±0.0020 | ±0.0059 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |

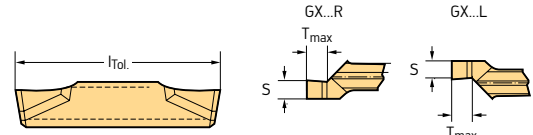
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Parting off with diameters up to 32 mm is possible with GX16 inserts (l = 16.6 mm)
 Ordering example for the grade WK1: GX16-1E200N02-CK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

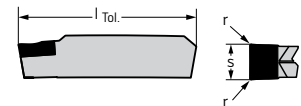
| Designation | s mm | s in | r in | T _{max} in | l in | f in | S _{Tol} in | h _{Tol} in | P | | M | | S | |
|-------------------|---------|---------|---------|------------------------|---------|-------------|------------------------|------------------------|----|--------|----|--------|----|--------|
| | | | | | | | | | HC | WSM23G | HC | WSM23G | HC | WSM23G |
| GX09-1E100R00-GD8 | 1 | 0.039 | 0 | 0.045 | 0.354 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E120R00-GD8 | 1.2 | 0.047 | 0 | 0.053 | 0.354 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E140R00-GD8 | 1.4 | 0.055 | 0 | 0.060 | 0.354 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E100R00-GD8 | 1 | 0.039 | 0 | 0.045 | 0.630 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E120R00-GD8 | 1.2 | 0.047 | 0 | 0.053 | 0.630 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E140R00-GD8 | 1.4 | 0.055 | 0 | 0.060 | 0.630 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E100L00-GD8 | 1 | 0.039 | 0 | 0.045 | 0.354 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E120L00-GD8 | 1.2 | 0.047 | 0 | 0.053 | 0.354 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E140L00-GD8 | 1.4 | 0.055 | 0 | 0.060 | 0.354 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E100L00-GD8 | 1 | 0.039 | 0 | 0.045 | 0.630 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E120L00-GD8 | 1.2 | 0.047 | 0 | 0.053 | 0.630 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E140L00-GD8 | 1.4 | 0.055 | 0 | 0.060 | 0.630 | 0.002-0.004 | ±0.0008 | ±0.0008 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WSM23G: GX09-1E100R00-GD8 WSM23G

HC = Coated carbide

CBN – grooving and parting off

GX



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | S _{Tol} in | h _{Tol} in | S | | H | |
|-------------------|---------|---------|---------|---------|-------------|------------------------|------------------------|-------|-------|----|----|
| | | | | | | | | WBS10 | WBH20 | BH | BL |
| GX24-2F300N02EM-1 | 3 | 0.118 | 0.008 | 0.945 | 0.004-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-3F400N02EM-1 | 4 | 0.157 | 0.008 | 0.945 | 0.004-0.008 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-3F500N04EM-1 | 5 | 0.197 | 0.016 | 0.945 | 0.004-0.010 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-4F600N04EM-1 | 6 | 0.236 | 0.016 | 0.945 | 0.004-0.012 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-2F300N02TM-1 | 3 | 0.118 | 0.008 | 0.945 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-3F400N02TM-1 | 4 | 0.157 | 0.008 | 0.945 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-3F500N04TM-1 | 5 | 0.197 | 0.016 | 0.945 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| GX24-4F600N04TM-1 | 6 | 0.236 | 0.016 | 0.945 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WBS10: GX24-2F300N02EM-1 WBS10

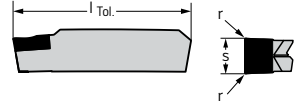
BH = CBN with high CBN content
 BL = CBN with low CBN content

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions


PCD – grooving and parting off

GX

A2



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | S _{Tol} in | l _{Tol} in | N O | |
|--|---------|---------|---------|---------|-------------|------------------------|------------------------|-------|-------|
| | | | | | | | | DP | DP |
| | | | | | | | | WDN10 | WDN10 |
|  GX16-1F200N02FS-F1 | 2 | 0.079 | 0.008 | 0.630 | 0.002-0.005 | ±0.0008 | ±0.0008 | ☺ | ☺ |
| GX24-2F300N02FS-F1 | 3 | 0.118 | 0.008 | 0.945 | 0.002-0.006 | ±0.0008 | ±0.0008 | ☺ | ☺ |
| GX24-3F400N02FS-F1 | 4 | 0.157 | 0.008 | 0.945 | 0.002-0.009 | ±0.0008 | ±0.0008 | ☺ | ☺ |
| GX24-3F500N02FS-F1 | 5 | 0.197 | 0.008 | 0.945 | 0.002-0.010 | ±0.0008 | ±0.0008 | ☺ | ☺ |
| GX24-4F600N02FS-F1 | 6 | 0.236 | 0.008 | 0.945 | 0.002-0.011 | ±0.0008 | ±0.0008 | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm

DP = Polycrystalline diamond

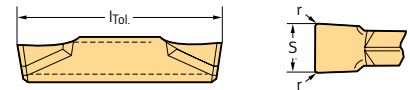
Ordering example for the grade WDN10: GX16-1F200N02FS-F1 WDN10

Grooving and recessing – cutting inserts

GX

Tiger-tec® Gold

GX...N



A2

Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | M | | S | |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | HC | | HC | |
| | | | | | | | | | WSM23G | WSM23S | WSM23G | WSM23S | WSM23G | WSM23S |
| GX09-0E170N01-UF8 | 1.7 | 0.067 | 0.004 | 0.354 | 0.002-0.006 | 0.012-0.031 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-0E196N01-UF8 | 1.96 | 0.077 | 0.004 | 0.354 | 0.002-0.006 | 0.012-0.031 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E225N01-UF8 | 2.25 | 0.089 | 0.004 | 0.354 | 0.002-0.008 | 0.012-0.039 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-1E275N01-UF8 | 2.75 | 0.108 | 0.004 | 0.354 | 0.002-0.009 | 0.012-0.051 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX09-2E325N01-UF8 | 3.25 | 0.128 | 0.004 | 0.354 | 0.003-0.009 | 0.016-0.059 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-0E160N01-UF8 | 1.6 | 0.063 | 0.004 | 0.630 | 0.002-0.007 | 0.012-0.039 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-0E170N01-UF8 | 1.7 | 0.067 | 0.004 | 0.630 | 0.002-0.007 | 0.012-0.039 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-0E185N01-UF8 | 1.85 | 0.073 | 0.004 | 0.630 | 0.002-0.009 | 0.012-0.039 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E200N02-UF8 | 2 | 0.079 | 0.008 | 0.630 | 0.002-0.009 | 0.012-0.047 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E225N01-UF8 | 2.25 | 0.089 | 0.004 | 0.630 | 0.002-0.009 | 0.012-0.051 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-1E275N01-UF8 | 2.75 | 0.108 | 0.004 | 0.630 | 0.002-0.009 | 0.012-0.051 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E300N02-UF8 | 3 | 0.118 | 0.008 | 0.630 | 0.003-0.009 | 0.016-0.059 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E318N02-UF8 | 3.18 | 0.125 | 0.008 | 0.630 | 0.003-0.009 | 0.016-0.063 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-2E325N01-UF8 | 3.25 | 0.128 | 0.004 | 0.630 | 0.003-0.009 | 0.016-0.063 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-3E400N04-UF8 | 4 | 0.157 | 0.016 | 0.630 | 0.004-0.012 | 0.035-0.087 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX16-3E425N02-UF8 | 4.25 | 0.167 | 0.008 | 0.630 | 0.004-0.012 | 0.020-0.087 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-1E239N02-UF8 | 2.39 | 0.094 | 0.008 | 0.945 | 0.002-0.009 | 0.012-0.051 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300N02-UF8 | 3 | 0.118 | 0.008 | 0.945 | 0.003-0.009 | 0.016-0.059 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E300N04-UF8 | 3 | 0.118 | 0.016 | 0.945 | 0.003-0.009 | 0.016-0.059 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-2E318N02-UF8 | 3.18 | 0.125 | 0.008 | 0.945 | 0.003-0.009 | 0.016-0.063 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400N02-UF8 | 4 | 0.157 | 0.008 | 0.945 | 0.004-0.012 | 0.012-0.087 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E400N04-UF8 | 4 | 0.157 | 0.016 | 0.945 | 0.004-0.012 | 0.020-0.087 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E500N02-UF8 | 5 | 0.197 | 0.008 | 0.945 | 0.004-0.014 | 0.012-0.102 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E500N04-UF8 | 5 | 0.197 | 0.016 | 0.945 | 0.004-0.014 | 0.024-0.102 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E500N08-UF8 | 5 | 0.197 | 0.031 | 0.945 | 0.004-0.014 | 0.035-0.102 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-4E600N08-UF8 | 6 | 0.236 | 0.031 | 0.945 | 0.004-0.014 | 0.035-0.126 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WSM23G: GX09-0E170N01-UF8 WSM23G

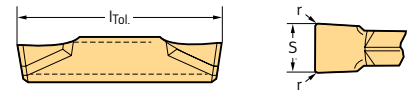
HC = Coated carbide

Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver

GX...N



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | M | K | | S | H | | | |
|-------------------|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | | | | | | | | | HC | HC | HC | HC | HC | HC | | | | |
| | | | | | | | | | WKP13S | WKP23S | WKP33S | WSM33S | WKP13S | WKP23S | WKP33S | WSM33S | WKP13S | |
| GX16-1E200N02-UD4 | 2 | 0.079 | 0.008 | 0.630 | 0.004-0.006 | 0.012-0.047 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX16-2E300N03-UD4 | 3 | 0.118 | 0.012 | 0.630 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX16-3E400N04-UD4 | 4 | 0.157 | 0.016 | 0.630 | 0.004-0.012 | 0.020-0.110 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-2E300N03-UD4 | 3 | 0.118 | 0.012 | 0.945 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-2E318N03-UD4 | 3.18 | 0.125 | 0.012 | 0.945 | 0.004-0.008 | 0.016-0.079 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-3E400N04-UD4 | 4 | 0.157 | 0.016 | 0.945 | 0.004-0.012 | 0.020-0.110 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-3E400N08-UD4 | 4 | 0.157 | 0.031 | 0.945 | 0.004-0.012 | 0.035-0.110 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-3E500N04-UD4 | 5 | 0.197 | 0.016 | 0.945 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-3E500N08-UD4 | 5 | 0.197 | 0.031 | 0.945 | 0.005-0.014 | 0.035-0.118 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-4E600N05-UD4 | 6 | 0.236 | 0.020 | 0.945 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-4E600N08-UD4 | 6 | 0.236 | 0.031 | 0.945 | 0.006-0.016 | 0.035-0.138 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX30-5E800N08-UD4 | 8 | 0.315 | 0.031 | 1.181 | 0.006-0.016 | 0.035-0.157 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX30-5E800N12-UD4 | 8 | 0.315 | 0.047 | 1.181 | 0.006-0.016 | 0.051-0.157 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX16-1E200N02-UA4 | 2 | 0.079 | 0.008 | 0.630 | 0.003-0.006 | 0.012-0.047 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX16-2E300N03-UA4 | 3 | 0.118 | 0.012 | 0.630 | 0.004-0.009 | 0.016-0.079 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX16-3E400N04-UA4 | 4 | 0.157 | 0.016 | 0.630 | 0.004-0.014 | 0.020-0.110 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-2E300N03-UA4 | 3 | 0.118 | 0.012 | 0.945 | 0.004-0.009 | 0.016-0.079 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-3E400N04-UA4 | 4 | 0.157 | 0.016 | 0.945 | 0.004-0.014 | 0.020-0.110 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-3E500N04-UA4 | 5 | 0.197 | 0.016 | 0.945 | 0.005-0.014 | 0.020-0.118 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-4E600N05-UA4 | 6 | 0.236 | 0.020 | 0.945 | 0.006-0.016 | 0.024-0.138 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ | ☉ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WKP23S: GX16-1E200N02-UD4 WKP23S

HC = Coated carbide

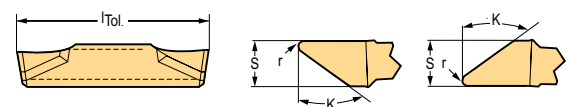
Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver

R...VG7

L...VG7



Cutting inserts

| Designation | s mm | s in | r in | κ | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | M | S | |
|-------------------|---------|---------|---------|-------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|
| | | | | | | | | | | HC | HC | HC | HC | HC |
| | | | | | | | | | | WSM23S | WSM33S | WSM23S | WSM33S | WSM23S |
| GX24-2E280R02-VG7 | 2.8 | 0.110 | 0.008 | 1.969 | 0.945 | 0.002-0.005 | 0.008-0.079 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ |
| GX24-2E280R04-VG7 | 2.8 | 0.110 | 0.016 | 1.969 | 0.945 | 0.003-0.010 | 0.008-0.098 | ±0.0020 | ±0.0059 | ☉ | ☉ | ☉ | ☉ | ☉ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WSM23S: GX24-2E280R02-VG7 WSM23S

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☉ → Average = ☉ → Poor = ☉ machining conditions

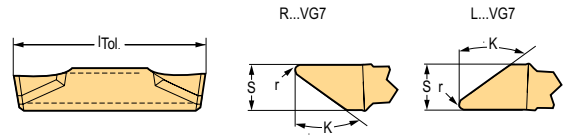
☉ ☉ ☉ / * = New addition to the product range

Single-, double- and multi-edged cutting inserts A 397


Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver



Cutting inserts

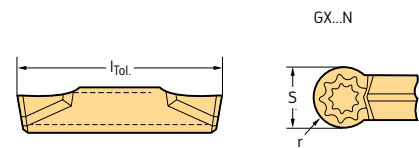
| Designation | s mm | s in | r in | κ | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | M | | S | |
|---|---------|---------|---------|-------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | | WSM23S | WSM33S | WSM23S | WSM33S | WSM23S | WSM33S |
|  GX24-2E280L02-VG7 | 2.8 | 0.110 | 0.008 | 1.969 | 0.945 | 0.002-0.005 | 0.008-0.000 | ±0.0020 | ±0.0059 | HC | HC | HC | HC | HC | HC |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WSM23S: GX24-2E280R02-VG7 WSM23S


HC = Coated carbide

Grooving and copy turning – cutting inserts

GX



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | | | M | | K | | N | | S | |
|---|---------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|
| | | | | | | | | | WSM13S | WKP23S | WSM23G | WSM23S | WSM33S | WSM13S | WSM23G | WSM23S | WSM33S | WKP23S | WK1 | WSM13S |
|  GX24-4R300N-RK8 | 6 | 0.236 | 0.118 | 1.000 | 0.004-0.024 | 0.004-0.157 | ±0.0008 | ±0.0020 | | | | | | | | | | | | |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WK1: GX24-4R300N-RK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

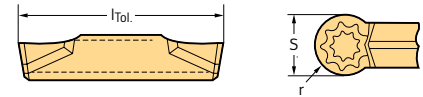
Grooving and copy turning – cutting inserts

GX

Tiger-tec® Gold

GX..N

A2



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | | | | M | | | | K | | N | | S | | | |
|-------------------|-------------------|---------|---------|---------|-------------|----------------------|------------------------|------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|---|
| | | | | | | | | | HC | | | | HC | | | | HC | | HW | | HC | | | |
| | | | | | | | | | WSM13S | WKP23S | WSM23G | WSM23S | WSM33S | WSM13S | WSM23G | WSM23S | WSM33S | WKP23S | WK1 | WSM13S | WSM23G | WSM23S | WSM33S | |
| | GX09-1E200N10-RF8 | 2 | 0.079 | 0.039 | 0.354 | 0.002-0.007 | 0.004-0.039 | ±0.0008 | ±0.0008 | | | ☺ | | | ☺ | | | | | | | | ☺ | |
| | GX09-1E239N12-RF8 | 2.39 | 0.094 | 0.047 | 0.354 | 0.002-0.008 | 0.008-0.047 | ±0.0008 | ±0.0008 | | | ☺ | | | ☺ | | | | | | | | ☺ | |
| | GX16-1E200N10-RF8 | 2 | 0.079 | 0.039 | 0.630 | 0.003-0.010 | 0.004-0.039 | ±0.0020 | ±0.0020 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX16-1E239N12-RF8 | 2.39 | 0.094 | 0.047 | 0.630 | 0.003-0.011 | 0.008-0.047 | ±0.0008 | ±0.0008 | | | ☺ | | | ☺ | | | | | | | | ☺ | ☺ |
| | GX16-2E300N15-RF8 | 3 | 0.118 | 0.059 | 0.630 | 0.004-0.012 | 0.004-0.059 | ±0.0008 | ±0.0008 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX16-3E400N20-RF8 | 4 | 0.157 | 0.079 | 0.630 | 0.005-0.018 | 0.004-0.079 | ±0.0008 | ±0.0008 | | | | ☺ | | | | | | | | | | ☺ | ☺ |
| | GX24-2E300N15-RF8 | 3 | 0.118 | 0.059 | 0.945 | 0.004-0.012 | 0.004-0.059 | ±0.0008 | ±0.0008 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-2E318N16-RF8 | 3.18 | 0.125 | 0.063 | 0.945 | 0.004-0.012 | 0.004-0.059 | ±0.0008 | ±0.0008 | | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-3E400N20-RF8 | 4 | 0.157 | 0.079 | 0.945 | 0.005-0.018 | 0.004-0.079 | ±0.0008 | ±0.0008 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-3E500N25-RF8 | 5 | 0.197 | 0.098 | 0.945 | 0.006-0.020 | 0.004-0.098 | ±0.0008 | ±0.0008 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| GX24-4E600N30-RF8 | 6 | 0.236 | 0.118 | 0.945 | 0.006-0.022 | 0.004-0.118 | ±0.0008 | ±0.0008 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ | |
| GX30-5E800N40-RF8 | 8 | 0.315 | 0.157 | 1.181 | 0.007-0.024 | 0.008-0.157 | ±0.0008 | ±0.0008 | | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ | |
| | GX24-2E300N15-RF7 | 3 | 0.118 | 0.059 | 0.945 | 0.004-0.013 | 0.004-0.059 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |
| | GX24-3E400N20-RF7 | 4 | 0.158 | 0.079 | 0.945 | 0.005-0.019 | 0.004-0.079 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |
| | GX24-3E500N25-RF7 | 5 | 0.197 | 0.098 | 0.945 | 0.005-0.021 | 0.004-0.098 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |
| | GX24-2F300N15-RF7 | 3 | 0.118 | 0.059 | 0.945 | 0.004-0.013 | 0.004-0.059 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |
| | GX24-3F400N20-RF7 | 4 | 0.158 | 0.079 | 0.945 | 0.005-0.019 | 0.004-0.079 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |
| | GX24-3F500N25-RF7 | 5 | 0.197 | 0.098 | 0.945 | 0.005-0.021 | 0.004-0.098 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |
| | GX16-1E200N10-RD4 | 2 | 0.079 | 0.039 | 0.630 | 0.003-0.01 | 0.008-0.039 | ±0.0020 | ±0.006 | | | ☺ | ☺ | | ☺ | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ |
| | GX16-1E239N12-RD4 | 2.39 | 0.094 | 0.047 | 0.630 | 0.003-0.01 | 0.008-0.039 | ±0.0020 | ±0.006 | | | ☺ | ☺ | | ☺ | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ |
| | GX16-2E300N15-RD4 | 3 | 0.118 | 0.059 | 0.630 | 0.004-0.014 | 0.020-0.059 | ±0.0020 | ±0.006 | | | | ☺ | ☺ | | ☺ | ☺ | ☺ | ☺ | | | | ☺ | ☺ |
| | GX24-2E300N15-RD4 | 3 | 0.118 | 0.059 | 0.945 | 0.004-0.014 | 0.020-0.059 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-2E318N16-RD4 | 3.18 | 0.125 | 0.063 | 0.945 | 0.004-0.014 | 0.020-0.059 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-3E400N20-RD4 | 4 | 0.158 | 0.079 | 0.945 | 0.006-0.020 | 0.020-0.079 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-3E475N24-RD4 | 4.75 | 0.187 | 0.094 | 0.945 | 0.007-0.024 | 0.020-0.091 | ±0.0020 | ±0.006 | | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-3E500N25-RD4 | 5 | 0.197 | 0.098 | 0.945 | 0.007-0.024 | 0.020-0.098 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-4E600N30-RD4 | 6 | 0.236 | 0.118 | 0.945 | 0.007-0.028 | 0.020-0.118 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| | GX24-4E635N32-RD4 | 6.35 | 0.25 | 0.125 | 0.945 | 0.007-0.028 | 0.020-0.118 | ±0.0020 | ±0.006 | | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ |
| GX30-5E800N40-RD4 | 8 | 0.315 | 0.158 | 1.181 | 0.008-0.031 | 0.024-0.157 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | | ☺ | ☺ | |
| | GX24-3F500N25-RD4 | 5 | 0.197 | 0.098 | 0.945 | 0.007-0.024 | 0.020-0 | ±0.0020 | ±0.006 | ☺ | | | ☺ | | ☺ | | | | | | | ☺ | ☺ | |

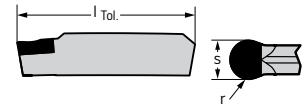
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WK1: GX24-4R300N-RK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

CBN – grooving and copy turning

GX



Cutting inserts

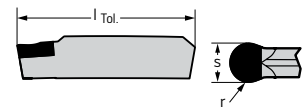
| Designation | s mm | s in | r in | l in | f in | S _{Tol} in | h _{Tol} in | S | H | |
|-------------|-------------------|---------|---------|---------|---------|------------------------|------------------------|-------|-------|---|
| | | | | | | | | BH | BL | |
| | | | | | | | | WBS10 | WBH20 | |
| | GX24-2F300N15EM-1 | 3 | | 1.5 | 24 | 0.10-0.15 | ±0.02 | ±0.03 | ☺ | |
| | GX24-3F400N20EM-1 | 4 | | 2 | 24 | 0.10-0.20 | ±0.02 | ±0.03 | ☺ | |
| | GX24-3F500N25EM-1 | 5 | | 2.5 | 24 | 0.10-0.25 | ±0.02 | ±0.03 | ☺ | |
| | GX24-4F600N30EM-1 | 6 | | 3 | 24 | 0.10-0.30 | ±0.02 | ±0.03 | ☺ | |
| | GX24-2F300N15TM-1 | 3 | | 1.5 | 24 | 0.02-0.10 | ±0.02 | ±0.03 | | ☺ |
| | GX24-3F400N20TM-1 | 4 | | 2 | 24 | 0.02-0.12 | ±0.02 | ±0.03 | | ☺ |
| | GX24-3F500N25TM-1 | 5 | | 2.5 | 24 | 0.02-0.14 | ±0.02 | ±0.03 | | ☺ |
| | GX24-4F600N30TM-1 | 6 | | 3 | 24 | 0.02-0.15 | ±0.02 | ±0.03 | | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WBS10: GX24-2F300N15EM-1 WBS10

BH = CBN with high CBN content
 BL = CBN with low CBN content

PCD – grooving and copy turning

GX



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | S _{Tol} in | h _{Tol} in | N | O | |
|-------------|--------------------|---------|---------|---------|---------|------------------------|------------------------|--------|-------|---|
| | | | | | | | | DP | DP | |
| | | | | | | | | WDN10 | WDN10 | |
| | GX16-1F200N10FS-M1 | 2 | 0.079 | 0.039 | 0.630 | 0.002-0.010 | ±0.0008 | ±0.001 | ☺ | ☺ |
| | GX24-2F300N15FS-M1 | 3 | 0.118 | 0.059 | 0.945 | 0.002-0.012 | ±0.0008 | ±0.001 | ☺ | ☺ |
| | GX24-3F400N20FS-M1 | 4 | 0.158 | 0.079 | 0.945 | 0.002-0.014 | ±0.0008 | ±0.001 | ☺ | ☺ |
| | GX24-3F500N25FS-M1 | 5 | 0.197 | 0.098 | 0.945 | 0.002-0.016 | ±0.0008 | ±0.001 | ☺ | ☺ |
| | GX24-4F600N30FS-M1 | 6 | 0.236 | 0.118 | 0.945 | 0.002-0.020 | ±0.0008 | ±0.001 | ☺ | ☺ |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WDN10: GX16-1F200N10FS-M1 WDN10

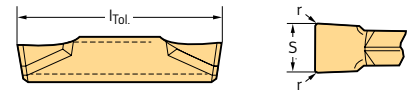
DP = Polycrystalline diamond

Axial grooving – cutting inserts





GX

Tiger-tec® Silver

GX...N



Cutting inserts

| Designation | s mm | s in | r in | f in | S _{Tol} in | l _{Tol} in | P | | M | | K | | S | |
|--|---------|---------|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | WKP23S | WSM33S | WSP23S | WSM33S | WKP23S | WSM33S | WSP23S | WSM33S |
|  GX24-3E500R04-AF5 | 5 | 0.197 | 0.016 | 0.006-0.012 | ±0.0020 | ±0.006 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
|  GX24-3E500L04-AF5 | 5 | 0.197 | 0.016 | 0.006-0.012 | ±0.0020 | ±0.006 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
|  GX24-3F500R04-AF5 | 5 | 0.197 | 0.016 | 0.006-0.012 | ±0.0020 | ±0.006 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
|  GX24-3F500L04-AF5 | 5 | 0.197 | 0.016 | 0.006-0.012 | ±0.0020 | ±0.006 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

When using the GX24-...R...-AF5 cutting insert, the G1111...R tool should be used
 When using the GX24-...L...-AF5 cutting insert, the G1111...L tool should be used
 Ordering example for the grade WKP23S: GX24-3E500R04-AF5 WKP23S


HC = Coated carbide

Semi-finished blanks for special shapes

GX



Cutting inserts

| Designation | s mm | s in | l in | P | | M | | S | |
|--|---------|---------|---------|-------|----|-------|----|-------|----|
| | | | | WVG40 | HW | WVG40 | HW | WVG40 | HW |
|  GX24-2E4,80N | 4.8 | 0.189 | 0.969 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-3E6,30N | 6.3 | 0.248 | 0.969 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-4E8,30N | 8.3 | 0.327 | 0.969 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| GX24-5E10,30N | 10.3 | 0.406 | 0.969 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

Grade WVG40 has the ISO application ranges P30, M30 and S30
 Ordering example for the grade WVG40: GX24-2E4,80N WVG40

HW = Uncoated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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

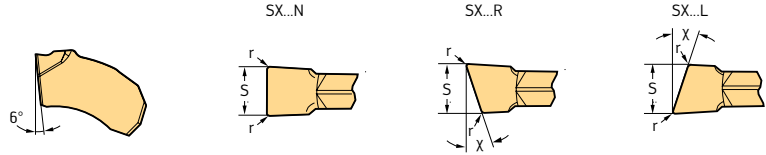
Single-, double- and multi-edged cutting inserts A 401

Grooving and parting off – cutting inserts

A2

SX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | k | f in | S _{Tol} in | l _{Tol} in | P | | | M | | | K | | N | | S | | | |
|-------------------|---------|---------|---------|----|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--|--|
| | | | | | | | | HC | | | HC | | | HC | | HW | | HC | | | |
| | | | | | | | | WKP23S | WSM23G | WSM33G | WSM43G | WSM23G | WSM33G | WSM43G | WKP23S | WK1 | WSM23G | WSM33G | WSM43G | | |
| SX-2E200N02-CK8 | 2 | 0.079 | 0.008 | | 0.002-0.005 | ±0.0008 | ±0.001 | | | | | | | | | | | | | | |
| SX-3E300N02-CK8 | 3 | 0.118 | 0.008 | | 0.003-0.008 | ±0.0008 | ±0.001 | | | | | | | | | | | | | | |
| SX-4E400N02-CK8 | 4 | 0.158 | 0.008 | | 0.004-0.009 | ±0.0008 | ±0.001 | | | | | | | | | | | | | | |
| SX-5E500N04-CK8 | 5 | 0.197 | 0.016 | | 0.004-0.010 | ±0.0008 | ±0.001 | | | | | | | | | | | | | | |
| SX-2E200N02-CF6 | 2 | 0.079 | 0.008 | | 0.001-0.006 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300N02-CF6 | 3 | 0.118 | 0.008 | | 0.002-0.009 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-1E150N01-CF5 | 1.5 | 0.059 | 0.006 | | 0.001-0.004 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-2E200N02-CF5 | 2 | 0.079 | 0.008 | | 0.002-0.005 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300N02-CF5 | 3 | 0.118 | 0.008 | | 0.003-0.008 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E310N03-CF5 | 3.1 | 0.122 | 0.012 | | 0.003-0.008 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E400N02-CF5 | 4 | 0.158 | 0.008 | | 0.004-0.009 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-5E500N04-CF5 | 5 | 0.197 | 0.016 | | 0.004-0.010 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-6E600N04-CF5 | 6 | 0.236 | 0.016 | | 0.004-0.012 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-2E200R6-CF5 | 2 | 0.079 | 0.008 | 6 | 0.002-0.004 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300R6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.003-0.007 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300R15-CF5 | 3 | 0.118 | | 15 | 0.002-0.006 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E400R6-CF5 | 4 | 0.158 | 0.008 | 6 | 0.004-0.008 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300L6-CF5 | 3 | 0.118 | 0.008 | 6 | 0.003-0.007 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E400L6-CF5 | 4 | 0.158 | 0.008 | 6 | 0.004-0.008 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-1E150N01-CE4 | 1.5 | 0.059 | 0.006 | | 0.001-0.005 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-2E200N02-CE4 | 2 | 0.079 | 0.008 | | 0.002-0.006 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-2E260N03-CE4 | 2.6 | 0.102 | 0.012 | | 0.002-0.007 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300N02-CE4 | 3 | 0.118 | 0.008 | | 0.004-0.012 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E310N03-CE4 | 3.1 | 0.122 | 0.012 | | 0.004-0.012 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E400N02-CE4 | 4 | 0.158 | 0.008 | | 0.004-0.013 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E410N03-CE4 | 4.1 | 0.161 | 0.012 | | 0.004-0.013 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E480N03-CE4 | 4.8 | 0.189 | 0.012 | | 0.005-0.014 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-5E500N04-CE4 | 5 | 0.197 | 0.016 | | 0.005-0.014 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-6E600N04-CE4 | 6 | 0.236 | 0.016 | | 0.005-0.016 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-8E800N08-CE4 | 8 | 0.315 | 0.032 | | 0.008-0.022 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-10E1000N08-CE4 | 10 | 0.394 | 0.032 | | 0.010-0.024 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-2E200R6-CE4 | 2 | 0.079 | 0.008 | 6 | 0.002-0.004 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300R6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.004-0.008 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E400R6-CE4 | 4 | 0.158 | 0.008 | 6 | 0.004-0.009 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-5E500R6-CE4 | 5 | 0.197 | 0.016 | 6 | 0.005-0.010 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-6E600R6-CE4 | 6 | 0.236 | 0.016 | 6 | 0.005-0.012 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-3E300L6-CE4 | 3 | 0.118 | 0.008 | 6 | 0.004-0.008 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-4E400L6-CE4 | 4 | 0.158 | 0.008 | 6 | 0.004-0.009 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |
| SX-6E600L6-CE4 | 6 | 0.236 | 0.016 | 6 | 0.005-0.012 | ±0.0020 | ±0.004 | | | | | | | | | | | | | | |

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WK1: SX-2E200N02-CK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

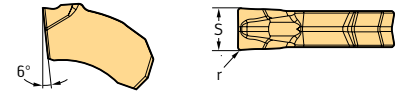
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions


Grooving and recessing – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | l in | f in | S _{Tol} in | l _{Tol} in | P | | M | | K | | S | |
|---|---------|---------|---------|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | HC | | HC | | HC | | HC | |
| | | | | | | | | WKP23S | WSM33G | WSM43G | WSM33G | WSM43G | WKP23S | WSM33G | WSM43G |
|  SX-8E800N08-UF4 | 8 | 0.315 | 0.032 | 0.685 | 0.007-0.022 | ±0.0020 | ±0.004 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

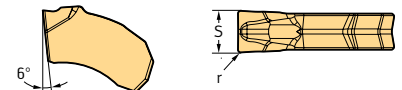
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WKP23S: SX-8E800N08-UF4 WKP23S
 Ordering example for the grade WSM33G: SX-8E800N08-UF4 WSM33G

HC = Coated carbide



Slitting – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

| Designation | s mm | s in | r in | f in | S _{Tol} in | l _{Tol} in | P | | M | | N | | S | |
|---|---------|---------|---------|-------------|------------------------|------------------------|--------|--------|--------|--------|-----|--------|--------|--|
| | | | | | | | HC | | HC | | HW | | HC | |
| | | | | | | | WSM33G | WSM43G | WSM33G | WSM43G | WK1 | WSM33G | WSM43G | |
|  SX-1E150N01-SK8 | 1.5 | 0.059 | 0.004 | 0.001-0.003 | ±0.0008 | ±0.002 | | | | | ☺ | | | |
| SX-2E200N02-SK8 | 2 | 0.079 | 0.008 | 0.002-0.004 | ±0.0008 | ±0.002 | | | | | ☺ | | | |
| SX-3E300N02-SK8 | 3 | 0.118 | 0.008 | 0.002-0.006 | ±0.0008 | ±0.002 | | | | | ☺ | | | |
| SX-4E400N02-SK8 | 4 | 0.158 | 0.008 | 0.002-0.008 | ±0.0008 | ±0.002 | | | | | ☺ | | | |
|  SX-1E150N01-SF5 | 1.5 | 0.059 | 0.006 | 0.001-0.004 | ±0.0020 | ±0.004 | ☺ | ☺ | | | | ☺ | | |
| SX-2E200N02-SF5 | 2 | 0.079 | 0.008 | 0.002-0.006 | ±0.0020 | ±0.004 | ☺ | ☺ | ☺ | ☺ | | ☺ | ☺ | |
| SX-3E300N02-SF5 | 3 | 0.118 | 0.008 | 0.003-0.008 | ±0.0020 | ±0.004 | ☺ | ☺ | ☺ | ☺ | | ☺ | ☺ | |
| SX-4E400N02-SF5 | 4 | 0.158 | 0.008 | 0.004-0.009 | ±0.0020 | ±0.004 | ☺ | ☺ | ☺ | ☺ | | ☺ | ☺ | |
| SX-5E500N04-SF5 | 5 | 0.197 | 0.016 | 0.004-0.010 | ±0.0020 | ±0.004 | ☺ | ☺ | ☺ | ☺ | | ☺ | ☺ | |

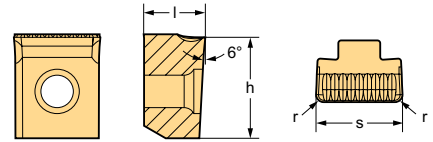
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.0020 mm
 Ordering example for the grade WK1: SX-1E150N01-SK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts

UX

Tiger-tec® Silver



Cutting inserts

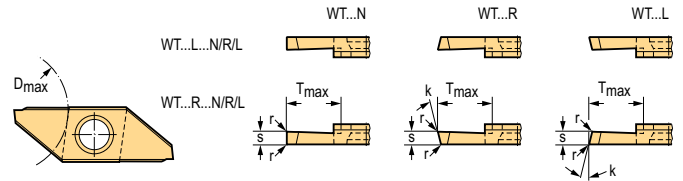
| Designation | s mm | s in | r in | l in | f in | S _{Tot} in | h _{Tot} in | P | K |
|-------------------|---------|---------|---------|---------|-------------|------------------------|------------------------|--------|--------|
| | | | | | | | | HC | HC |
| | | | | | | | | WKP335 | WKP335 |
| UX-12E1200N10-GD2 | 12 | 0.472 | 1.000 | 8.600 | 0.008-0.016 | ±0.0008 | ±0.004 | ☺ | ☺ |
| UX-19E1900N15-GD2 | 19 | 0.748 | 1.500 | 13.600 | 0.010-0.024 | ±0.0008 | ±0.004 | ☹ | ☹ |

l_{Tot} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance $r_{Tot} = \pm 0.05$ mm
 Ordering example for the grade WKP335: UX-12E1200N10-GD2 WKP335

HC = Coated carbide

Grooving and parting off – cutting inserts

WT



Cutting inserts

| Designation | s mm | s in | r mm | r in | κ | T _{max} mm | T _{max} in | D _{max} mm | D _{max} in | l in | f in | S _{Tol} in | l _{Tol} in | P | M | N | S |
|------------------|---------|---------|---------|---------|----|------------------------|------------------------|------------------------|------------------------|---------|-------------|------------------------|------------------------|--------|--------|------|--------|
| | | | | | | | | | | | | | | HC | HC | HW | HC |
| | | | | | | | | | | | | | | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R070N00-CD8 | 0.7 | 0.028 | 0.05 | 0.002 | | 4.3 | 0.169 | | | 0.984 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R100N00-CD8 | 1 | 0.039 | 0.05 | 0.002 | | 6.3 | 0.248 | | | 0.984 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R150N00-CD8 | 1.5 | 0.059 | 0.05 | 0.002 | | 6.3 | 0.248 | | | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R200N00-CD8 | 2 | 0.079 | 0.05 | 0.002 | | 8.5 | 0.335 | 35 | 1.378 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R070R15-CD8 | 0.7 | 0.028 | 0.05 | 0.002 | 15 | 4.3 | 0.169 | | | 0.984 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R100R15-CD8 | 1 | 0.039 | 0.05 | 0.002 | 15 | 6.3 | 0.248 | | | 0.984 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R150R15-CD8 | 1.5 | 0.059 | 0.05 | 0.002 | 15 | 6.3 | 0.248 | | | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-R200R15-CD8 | 2 | 0.079 | 0.05 | 0.002 | 15 | 8.5 | 0.335 | 35 | 1.378 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L070N00-CD8 | 0.7 | 0.028 | 0.05 | 0.002 | | 4.3 | 0.169 | | | 0.984 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L100N00-CD8 | 1 | 0.039 | 0.05 | 0.002 | | 6.3 | 0.248 | | | 0.984 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L150N00-CD8 | 1.5 | 0.059 | 0.05 | 0.002 | | 6.3 | 0.248 | | | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L200N00-CD8 | 2 | 0.079 | 0.05 | 0.002 | | 8.5 | 0.335 | 35 | 1.378 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L070R15-CD8 | 0.7 | 0.028 | 0.05 | 0.002 | 15 | 4.3 | 0.169 | | | 0.984 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L100R15-CD8 | 1 | 0.039 | 0.05 | 0.002 | 15 | 6.3 | 0.248 | | | 0.984 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L150R15-CD8 | 1.5 | 0.059 | 0.05 | 0.002 | 15 | 6.3 | 0.248 | | | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |
| WT26-L200R15-CD8 | 2 | 0.079 | 0.05 | 0.002 | 15 | 8.5 | 0.335 | 35 | 1.378 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ | ☺ |

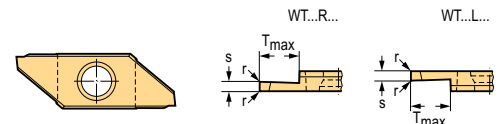
Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WSM23X: WT26-R070N00-CD8 WSM23X

HC = Coated carbide
HW = Uncoated carbide

Grooving and parting off – cutting inserts

WT



Cutting inserts

| Designation | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | l in | f in | S _{Tol} in | l _{Tol} in | P | M | S |
|------------------|---------|---------|---------|---------|------------------------|------------------------|---------|-------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | | | | HC | HC | HC |
| | | | | | | | | | | | WSM23X | WSM23X | WSM23X |
| WT26-R050N00-GD8 | 0.5 | 0.02 | 0.05 | 0.002 | 1.3 | 0.051 | 0.984 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R075N00-GD8 | 0.75 | 0.03 | 0.05 | 0.002 | 2.5 | 0.098 | 0.984 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R100N00-GD8 | 1 | 0.039 | 0.05 | 0.002 | 2.7 | 0.106 | 0.984 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R125N00-GD8 | 1.25 | 0.049 | 0.05 | 0.002 | 2.7 | 0.106 | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R150N00-GD8 | 1.5 | 0.059 | 0.05 | 0.002 | 3.7 | 0.146 | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R175N00-GD8 | 1.75 | 0.069 | 0.05 | 0.002 | 3.7 | 0.146 | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R200N00-GD8 | 2 | 0.079 | 0.05 | 0.002 | 3.7 | 0.146 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R250N00-GD8 | 2.5 | 0.098 | 0.05 | 0.002 | 3.7 | 0.146 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |

Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WSM23X: WT26-R050N00-GD8 WSM23X

HC = Coated carbide

WALTER SELECT

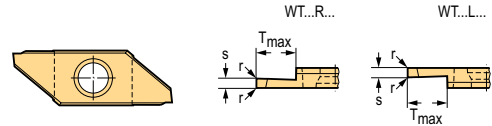
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range


Single-, double- and multi-edged cutting inserts A 405

Grooving and parting off – cutting inserts

WT



Cutting inserts

| Designation | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | l in | f in | S _{Tol} in | h _{Tol} in | P | M | S |
|--|---------|---------|---------|---------|------------------------|------------------------|---------|-------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | | | | HC | HC | HC |
| | | | | | | | | | | | WSM23X | WSM23X | WSM23X |
|  WT26-L050N00-GD8 | 0.5 | 0.020 | 0.05 | 0.002 | 1.3 | 0.051 | 0.984 | 0.001-0.002 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-L075N00-GD8 | 0.75 | 0.030 | 0.05 | 0.002 | 2.5 | 0.098 | 0.984 | 0.001-0.003 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-L100N00-GD8 | 1 | 0.039 | 0.05 | 0.002 | 2.7 | 0.106 | 0.984 | 0.001-0.004 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-L150N00-GD8 | 1.5 | 0.059 | 0.05 | 0.002 | 3.7 | 0.146 | 0.984 | 0.001-0.005 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-L200N00-GD8 | 2 | 0.079 | 0.05 | 0.002 | 3.7 | 0.146 | 0.984 | 0.001-0.006 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |

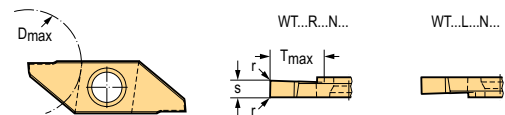
 Radius tolerance $r_{Tol} = \pm 0.05$ mm

HC = Coated carbide



Ordering example for the grade WSM23X: WT26-R050N00-GD8 WSM23X

Grooving and recessing – cutting inserts

WT



Cutting inserts

| Designation | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{max} mm | D _{max} in | l in | f in | a _p in | S _{Tol} in | h _{Tol} in | P | M | S |
|--|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | | | | | | | HC | HC | HC |
| | | | | | | | | | | | | | | WSM23X | WSM23X | WSM23X |
|  WT26-R100N00-UA8 | 1 | 0.039 | 0.05 | 0.002 | 6.3 | 0.248 | | | 0.984 | 0.001-0.006 | 0.004-0.059 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R150N00-UA8 | 1.5 | 0.059 | 0.05 | 0.002 | 6.3 | 0.248 | 35 | 1.378 | 0.984 | 0.001-0.006 | 0.004-0.059 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R200N00-UA8 | 2 | 0.079 | 0.05 | 0.002 | 8.2 | 0.323 | 35 | 1.378 | 0.984 | 0.001-0.006 | 0.004-0.118 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| WT26-R250N00-UA8 | 2.5 | 0.098 | 0.05 | 0.002 | 8.2 | 0.323 | 35 | 1.378 | 0.984 | 0.001-0.006 | 0.004-0.118 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
|  WT26-L200N00-UA8 | 2 | 0.079 | 0.05 | 0.002 | 8.2 | 0.323 | | | 0.984 | 0.001-0.006 | 0.004-0.118 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |

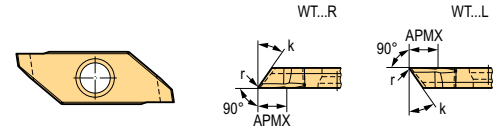
 Radius tolerance $r_{Tol} = \pm 0.05$ mm

HC = Coated carbide


Ordering example for the grade WSM23X: WT26-R100N00-UA8 WSM23X

Forward turning - cutting inserts

WT



Cutting inserts

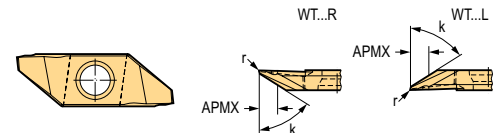
| Designation | s mm | s in | r mm | r in | κ | l in | f in | APMX in | S _{Tol} in | l _{Tol} in | P | M | N | S |
|---|---------|---------|---------|---------|----|---------|-------------|------------|------------------------|------------------------|--------|--------|------|--------|
| | | | | | | | | | | | HC | HC | HW | HC |
|  WT26-R300L003-DG8 | 3 | 0.118 | 0.03 | 0.001 | 35 | 0.984 | 0.001-0.004 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R300L005-DG8 | 3 | 0.118 | 0.05 | 0.002 | 35 | 0.984 | 0.001-0.005 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R300L010-DG8 | 3 | 0.118 | 0.1 | 0.004 | 35 | 0.984 | 0.001-0.006 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R300L020-DG8 | 3 | 0.118 | 0.2 | 0.008 | 35 | 0.984 | 0.001-0.006 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |

Radius tolerance $r_{Tol} = \pm 0.05$ mm
 Ordering example for the grade WN23: WT26-R300L003-DG8 WN23


HC = Coated carbide
 HW = Uncoated carbide

Reverse turning - cutting inserts

WT



Cutting inserts

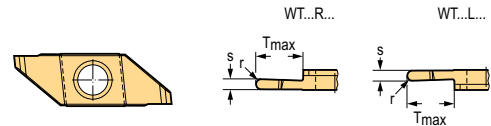
| Designation | s mm | s in | r mm | r in | κ | l in | f in | APMX in | S _{Tol} in | l _{Tol} in | P | M | N | S |
|---|---------|---------|---------|---------|----|---------|-------------|------------|------------------------|------------------------|--------|--------|------|--------|
| | | | | | | | | | | | HC | HC | HW | HC |
|  WT26-R300R003-VG8 | 3 | 0.118 | 0.03 | 0.001 | 59 | 0.984 | 0.001-0.004 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R300R005-VG8 | 3 | 0.118 | 0.05 | 0.002 | 59 | 0.984 | 0.001-0.005 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R300R010-VG8 | 3 | 0.118 | 0.1 | 0.004 | 59 | 0.984 | 0.001-0.006 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |
| WT26-R300R020-VG8 | 3 | 0.118 | 0.2 | 0.008 | 59 | 0.984 | 0.001-0.006 | 0.158 | ±0.0008 | ±0.0012 | WSM23X | WSM23X | WN23 | WSM23X |

Radius tolerance $r_{Tol} = \pm 0.05$ mm
 Ordering example for the grade WN23: WT26-R300R003-VG8 WN23

HC = Coated carbide
 HW = Uncoated carbide

Grooving and copy turning – cutting inserts

WT



Cutting inserts

| Designation | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | l in | f in | a _p in | S _{Tol} in | l _{Tol} in | P | M | S |
|--------------------------------------|---------|---------|---------|---------|------------------------|------------------------|---------|-------------|----------------------|------------------------|------------------------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
| | | | | | | | | | | | | WSM23X | WSM23X | WSM23X |
| WT26-L125N06-RA8 WT26-L160N08-RA8 | 1.25 | 0.049 | 0.63 | 0.025 | 5 | 0.197 | 0.984 | 0.001-0.005 | 0.004-0.024 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |
| | 1.6 | 0.063 | 0.8 | 0.032 | 7.5 | 0.295 | 0.984 | 0.001-0.006 | 0.004-0.031 | ±0.0008 | ±0.0012 | ☺ | ☺ | ☺ |

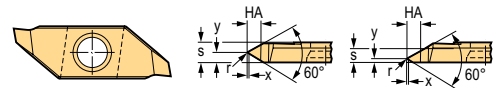
 Radius tolerance $r_{Tol} = \pm 0.05$ mm

Ordering example for the grade WSM23X: WT26-L125N06-RA8 WSM23X

HC = Coated carbide

External thread turning inserts – 60° partial profile

WT



Indexable inserts

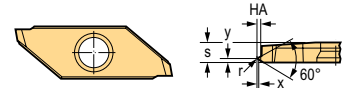
| Designation | P mm | P tpi | r mm | r in | HA in | l in | X in | Y in | P | M | S |
|-----------------------------------|---------|----------|---------|---------|----------|---------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
| | | | | | | | | | WSM23X | WSM23X | WSM23X |
| WT26-R-ER-AG60R WT26-R-ER-AG60 | 0.35-1 | 72-24 | 0.05 | 0.002 | 0.030 | 0.984 | 0.002 | 0.024 | ☺ | ☺ | ☺ |
| | 0.35-2 | 72-12 | 0.05 | 0.002 | 0.059 | 0.984 | 0.002 | 0.063 | ☺ | ☺ | ☺ |
| WT26-L-EL-AG60 | 0.35-2 | 72-12 | 0.05 | 0.002 | 0.059 | 0.984 | 0.002 | 0.063 | ☺ | ☺ | ☺ |

Ordering example for the grade WSM23X: WT26-R-ER-AG60 WSM23X

HC = Coated carbide

External thread turning inserts – full profile, ISO metric 60°

WT



Indexable inserts

| Designation | P mm | s mm | s in | r mm | r in | HA in | l in | X in | Y in | P | M | S |
|------------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|--------|--------|--------|
| | | | | | | | | | | HC | HC | HC |
| | | | | | | | | | | WSM23X | WSM23X | WSM23X |
| WT26-R-ER0.25ISO | 0.25 | 3.18 | 0.125 | 0.04 | 0.002 | 0.007 | 0.984 | 0.001 | 0.011 | ☺ | ☺ | ☺ |
| WT26-R-ER0.40ISO | 0.4 | 3.18 | 0.125 | 0.06 | 0.002 | 0.011 | 0.984 | 0.002 | 0.015 | ☺ | ☺ | ☺ |
| WT26-R-ER0.50ISO | 0.5 | 3.18 | 0.125 | 0.07 | 0.003 | 0.014 | 0.984 | 0.002 | 0.015 | ☺ | ☺ | ☺ |
| WT26-R-ER0.70ISO | 0.7 | 3.18 | 0.125 | 0.1 | 0.004 | 0.020 | 0.984 | 0.003 | 0.015 | ☺ | ☺ | ☺ |
| WT26-R-ER0.80ISO | 0.8 | 3.18 | 0.125 | 0.12 | 0.005 | 0.023 | 0.984 | 0.004 | 0.015 | ☺ | ☺ | ☺ |
| WT26-R-ER1.00ISO | 1 | 3.18 | 0.125 | 0.14 | 0.006 | 0.028 | 0.984 | 0.004 | 0.015 | ☺ | ☺ | ☺ |
| WT26-R-ER1.25ISO | 1.25 | 3.18 | 0.125 | 0.18 | 0.007 | 0.035 | 0.984 | 0.006 | 0.015 | ☺ | ☺ | ☺ |
| WT26-R-ER1.50ISO | 1.5 | 3.18 | 0.125 | 0.22 | 0.009 | 0.043 | 0.984 | 0.006 | 0.015 | ☺ | ☺ | ☺ |
| WT26-L-EL0.50ISO | 0.5 | 3.18 | 0.125 | 0.07 | 0.003 | 0.014 | 0.984 | 0.002 | 0.015 | ☺ | ☺ | ☺ |
| WT26-L-EL0.70ISO | 0.7 | 3.18 | 0.125 | 0.1 | 0.004 | 0.020 | 0.984 | 0.003 | 0.015 | ☺ | ☺ | ☺ |
| WT26-L-EL0.80ISO | 0.8 | 3.18 | 0.125 | 0.12 | 0.005 | 0.023 | 0.984 | 0.004 | 0.015 | ☺ | ☺ | ☺ |
| WT26-L-EL1.00ISO | 1 | 3.18 | 0.125 | 0.14 | 0.006 | 0.028 | 0.984 | 0.004 | 0.015 | ☺ | ☺ | ☺ |
| WT26-L-EL1.25ISO | 1.25 | 3.18 | 0.125 | 0.18 | 0.007 | 0.035 | 0.984 | 0.006 | 0.015 | ☺ | ☺ | ☺ |
| WT26-L-EL1.50ISO | 1.5 | 3.18 | 0.125 | 0.22 | 0.009 | 0.043 | 0.984 | 0.006 | 0.015 | ☺ | ☺ | ☺ |

Ordering example for the grade WSM23X: WT26-R-ER0.25ISO WSM23X

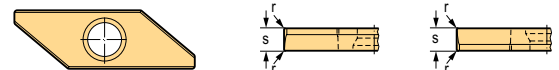
HC = Coated carbide

Semi-finished blanks for special shapes

WT

WT...R...

WT...L...



Cutting inserts

| Designation | s mm | s in | r mm | r in | l in | P | M | S |
|---------------|---------|---------|---------|---------|---------|-------|-------|-------|
| | | | | | | HW | HW | HW |
| | | | | | | WMG40 | WMG40 | WMG40 |
| WT26-L300N00N | 3 | 0.118 | 0.05 | 0.002 | 1.008 | ☺ | ☺ | ☺ |
| WT26-R300N00N | 3 | 0.118 | 0.05 | 0.002 | 10.102 | ☺ | ☺ | ☺ |

Ordering example for the grade WMG40: WT26-L300N00N WMG40

HW = Uncoated carbide

WALTER SELECT

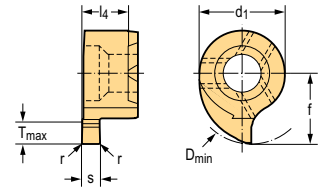
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

Single-, double- and multi-edged cutting inserts A 409

Exchangeable head – Grooving and circlip grooves

WE..-G



Exchangeable head

| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | | M | | N | | S | |
|-----------------|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|----|--------|----|--------|----|--------|----|--------|
| | | | | | | | | | | | | | | HC | WSM13X | HC | WSM13X | HC | WSM13X | HC | WSM13X |
| WE05-G07-100R00 | 5 | 0.197 | 1 | 0.039 | | | 1 | 0.039 | 7 | 0.276 | 0.228 | 0.142 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE05-G07-150R00 | 5 | 0.197 | 1.5 | 0.059 | | | 1 | 0.039 | 7 | 0.276 | 0.228 | 0.142 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE05-G08-150R02 | 5 | 0.197 | 1.5 | 0.059 | 0.2 | 0.008 | 2 | 0.079 | 7.8 | 0.307 | 0.205 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-073R00 | 7 | 0.276 | 0.73 | 0.029 | | | 1.2 | 0.0027 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-083R00 | 7 | 0.276 | 0.83 | 0.033 | | | 1.3 | 0.051 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-093R00 | 7 | 0.276 | 0.93 | 0.037 | | | 1.5 | 0.059 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-100R00 | 7 | 0.276 | 1 | 0.039 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-120R00 | 7 | 0.276 | 1.2 | 0.0027 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-140R00 | 7 | 0.276 | 1.4 | 0.055 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-150R00 | 7 | 0.276 | 1.5 | 0.059 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-150R02 | 7 | 0.276 | 1.5 | 0.059 | 0.2 | 0.008 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-170R00 | 7 | 0.276 | 1.6 | 0.063 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-200R00 | 7 | 0.276 | 2 | 0.079 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-200R02 | 7 | 0.276 | 2 | 0.079 | 0.2 | 0.008 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-250R00 | 7 | 0.276 | 2.5 | 0.098 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G10-300R00 | 7 | 0.276 | 3 | 0.118 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G11-100R00 | 7 | 0.276 | 1 | 0.039 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G11-150R00 | 7 | 0.276 | 1.5 | 0.059 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G11-200R00 | 7 | 0.276 | 2 | 0.079 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G11-250R00 | 7 | 0.276 | 2.5 | 0.098 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G11-300R00 | 7 | 0.276 | 3 | 0.118 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G11-318R00 | 7 | 0.276 | 3.18 | 0.125 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G12-100R00 | 7 | 0.276 | 1 | 0.039 | | | 3.4 | 0.134 | 12 | 0.472 | 0.291 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G12-150R00 | 7 | 0.276 | 1.5 | 0.059 | | | 3.4 | 0.134 | 12 | 0.472 | 0.291 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-G12-200R00 | 7 | 0.276 | 2 | 0.079 | | | 3.4 | 0.134 | 12 | 0.472 | 0.291 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-073R00 | 9 | 0.354 | 0.73 | 0.029 | | | 1.2 | 0.0027 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-083R00 | 9 | 0.354 | 0.83 | 0.033 | | | 1.3 | 0.051 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-093R00 | 9 | 0.354 | 0.93 | 0.037 | | | 1.5 | 0.059 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-100R00 | 9 | 0.354 | 1 | 0.039 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-120R00 | 9 | 0.354 | 1.2 | 0.0027 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-140R00 | 9 | 0.354 | 1.4 | 0.055 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-150R00 | 9 | 0.354 | 1.5 | 0.059 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-170R00 | 9 | 0.354 | 1.7 | 0.067 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-200R00 | 9 | 0.354 | 2 | 0.079 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-200R02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-250R00 | 9 | 0.354 | 2.5 | 0.098 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-300R00 | 9 | 0.354 | 3 | 0.118 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G14-318R02 | 9 | 0.354 | 3.18 | 0.125 | 0.2 | 0.008 | 4 | 0.158 | 14 | 0.551 | 3.543 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-150R00 | 9 | 0.354 | 1.5 | 0.059 | | | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.193 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-150R02 | 9 | 0.354 | 1.5 | 0.059 | 0.2 | 0.008 | 4 | 0.158 | 16 | 0.630 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-200R00 | 9 | 0.354 | 2 | 0.079 | | | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-200R02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-250R00 | 9 | 0.354 | 2.5 | 0.098 | | | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

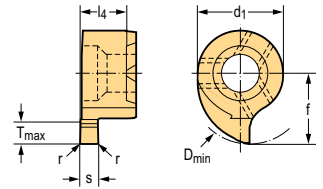
Dimensional drawing shows right-hand version.

Ordering example for the grade WSM23X: WE05-G07-100R00 WSM23X

HC = Coated carbide

Exchangeable head – Grooving and circlip grooves

WE..-G



Exchangeable head

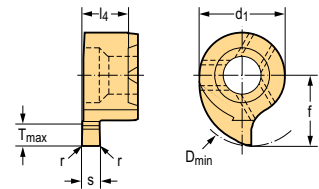
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | | M | | N | | S | | |
|-----------------|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------------|--------|----|--------|----|--------|----|--------|---|
| | | | | | | | | | | | | | | HC | WSM13X | HC | WSM13X | HC | WSM13X | HC | WSM13X | |
| | WE09-G16-250R02 | 9 | 0.354 | 2.5 | 0.098 | 0.2 | 0.008 | 5.5 | 0.217 | 16 | 0.63 | 0.413 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G16-300R00 | 9 | 0.354 | 3 | 0.118 | | | 5.5 | 0.217 | 16 | 0.63 | 0.413 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G16-300R02 | 9 | 0.354 | 3 | 0.118 | 0.2 | 0.008 | 5.5 | 0.217 | 16 | 0.63 | 0.413 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G17-150R00 | 9 | 0.354 | 1.5 | 0.059 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.193 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G17-200R00 | 9 | 0.354 | 2 | 0.079 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G17-250R00 | 9 | 0.354 | 2.5 | 0.098 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G17-300R00 | 9 | 0.354 | 3 | 0.118 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE05-G07-100L00 | 5 | 0.197 | 1 | 0.039 | | | 1 | 0.039 | 7 | 0.276 | 0.228 | 0.142 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE05-G07-150L00 | 5 | 0.197 | 1.5 | 0.059 | | | 1 | 0.039 | 7 | 0.276 | 0.228 | 0.142 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE05-G08-150L02 | 5 | 0.197 | 1.5 | 0.059 | 0.2 | 0.008 | 2 | 0.079 | 7.8 | 0.307 | 0.205 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-073L00 | 7 | 0.276 | 0.7 | 0.028 | | | 1.2 | 0.047 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-083L00 | 7 | 0.276 | 0.8 | 0.032 | | | 1.3 | 0.051 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-100L00 | 7 | 0.276 | 1 | 0.039 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-120L00 | 7 | 0.276 | 1.2 | 0.047 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-150L00 | 7 | 0.276 | 1.5 | 0.059 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-150L02 | 7 | 0.276 | 1.5 | 0.059 | 0.2 | 0.008 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-170L00 | 7 | 0.276 | 1.6 | 0.063 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-200L00 | 7 | 0.276 | 2 | 0.079 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-200L02 | 7 | 0.276 | 2 | 0.079 | 0.2 | 0.008 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-250L00 | 7 | 0.276 | 2.5 | 0.098 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G10-300L00 | 7 | 0.276 | 3 | 0.118 | | | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G11-100L00 | 7 | 0.276 | 1 | 0.039 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G11-150L00 | 7 | 0.276 | 1.5 | 0.059 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G11-200L00 | 7 | 0.276 | 2 | 0.079 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G11-250L00 | 7 | 0.276 | 2.5 | 0.098 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G11-300L00 | 7 | 0.276 | 3 | 0.118 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G11-318L00 | 7 | 0.276 | 3.18 | 0.125 | | | 2.8 | 0.110 | 11 | 0.433 | 0.268 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G12-100L00 | 7 | 0.276 | 1 | 0.039 | | | 3.4 | 0.134 | 12 | 0.472 | 0.291 | 0.146 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G12-150L00 | 7 | 0.276 | 1.5 | 0.059 | | | 3.4 | 0.134 | 12 | 0.472 | 0.291 | 0.150 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE07-G12-200L00 | 7 | 0.276 | 2 | 0.079 | | | 3.4 | 0.134 | 12 | 0.472 | 0.291 | 0.154 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-073L00 | 9 | 0.354 | 0.73 | 0.029 | | | 1.2 | 0.047 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-083L00 | 9 | 0.354 | 0.83 | 0.033 | | | 1.3 | 0.051 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-093L00 | 9 | 0.354 | 0.93 | 0.037 | | | 1.5 | 0.059 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-100L00 | 9 | 0.354 | 1 | 0.039 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.201 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-120L00 | 9 | 0.354 | 1.2 | 0.047 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-140L00 | 9 | 0.354 | 1.4 | 0.055 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-150L00 | 9 | 0.354 | 1.5 | 0.059 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-170L00 | 9 | 0.354 | 1.7 | 0.067 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-200L00 | 9 | 0.354 | 2 | 0.079 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-200L02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-250L00 | 9 | 0.354 | 2.5 | 0.098 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| | WE09-G14-300L00 | 9 | 0.354 | 3 | 0.118 | | | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-150L00 | 9 | 0.354 | 1.5 | 0.059 | | | 5.5 | 0.217 | 16 | 0.63 | 0.413 | 0.193 | 0.0004-0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | |

Dimensional drawing shows right-hand version.


HC = Coated carbide

Ordering example for the grade WSM23X: WE05-G07-100R00 WSM23X

Exchangeable head – Grooving and circlip grooves WE..-G



Exchangeable head

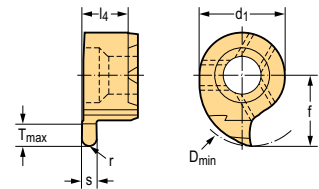
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | | M | | N | | S | |
|---|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|---|
| | | | | | | | | | | | | | | WSM13X HC | WSM23X HC | WSM13X HC | WSM23X HC | WSM13X HC | WSM23X HC | | |
|  WE09-G16-150L02 | 9 | 0.354 | 1.5 | 0.059 | 0.2 | 0.008 | 4 | 0.158 | 16 | 0.630 | 0.354 | 0.205 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-200L00 | 9 | 0.354 | 2 | 0.079 | | | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-200L02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-250L00 | 9 | 0.354 | 2.5 | 0.098 | | | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-250L02 | 9 | 0.354 | 2.5 | 0.098 | 0.2 | 0.008 | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-300L00 | 9 | 0.354 | 3 | 0.118 | | | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G16-300L02 | 9 | 0.354 | 3 | 0.118 | 0.2 | 0.008 | 5.5 | 0.217 | 16 | 0.630 | 0.413 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G17-150L00 | 9 | 0.354 | 1.5 | 0.059 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.193 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G17-200L00 | 9 | 0.354 | 2 | 0.079 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G17-250L00 | 9 | 0.354 | 2.5 | 0.098 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-G17-300L00 | 9 | 0.354 | 3 | 0.118 | | | 6.5 | 0.256 | 17 | 0.669 | 0.453 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

Dimensional drawing shows right-hand version.


Ordering example for the grade WSM23X: WE05-G07-100R00 WSM23X

HC = Coated carbide

Exchangeable head – Grooving and copy turning WE..-GR



Exchangeable head

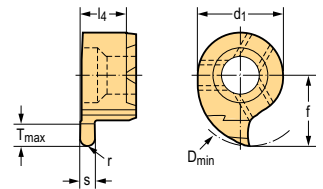
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | | M | | S | |
|--|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|---|---|
| | | | | | | | | | | | | | | WSM23X HC | WSM23X HC | WSM23X HC | WSM23X HC | | |
|  WE07-GR10-080R04 | 7 | 0.276 | 0.8 | 0.032 | 0.4 | 0.016 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-GR10-120R06 | 7 | 0.276 | 1.23 | 0.048 | 0.6 | 0.024 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-GR10-180R09 | 7 | 0.276 | 1.8 | 0.071 | 0.9 | 0.035 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE07-GR10-200R10 | 7 | 0.276 | 2 | 0.079 | 1 | 0.039 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-GR14-080R04 | 9 | 0.354 | 0.8 | 0.032 | 0.4 | 0.016 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.201 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-GR14-120R06 | 9 | 0.354 | 1.2 | 0.047 | 0.6 | 0.024 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-GR14-180R09 | 9 | 0.354 | 1.8 | 0.071 | 0.9 | 0.035 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-GR14-200R10 | 9 | 0.354 | 2 | 0.079 | 1 | 0.039 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-GR14-220R11 | 9 | 0.354 | 2.2 | 0.087 | 1.1 | 0.043 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| WE09-GR14-300R15 | 9 | 0.354 | 3 | 0.118 | 1.5 | 0.059 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |

Dimensional drawing shows right-hand version.


Ordering example for the grade WSM23X: WE07-GR10-080R04 WSM23X

HC = Coated carbide

Exchangeable head – Grooving and copy turning WE..-GR



Exchangeable head

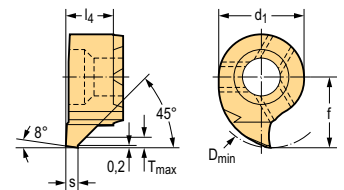
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | M | S |
|--|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------|--------|--------|
| | | | | | | | | | | | | | | HC | HC | HC |
|  WE07-GR10-080L04 | 7 | 0.276 | 0.8 | 0.032 | 0.4 | 0.016 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE07-GR10-120L06 | 7 | 0.276 | 1.23 | 0.048 | 0.6 | 0.024 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.146 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE07-GR10-180L09 | 7 | 0.276 | 1.8 | 0.071 | 0.9 | 0.035 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE07-GR10-200L10 | 7 | 0.276 | 2 | 0.079 | 1 | 0.039 | 1.8 | 0.071 | 10 | 0.394 | 0.228 | 0.154 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-GR14-080L04 | 9 | 0.354 | 0.8 | 0.032 | 0.4 | 0.016 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.201 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-GR14-120L06 | 9 | 0.354 | 1.2 | 0.047 | 0.6 | 0.024 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-GR14-180L09 | 9 | 0.354 | 1.8 | 0.071 | 0.9 | 0.035 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-GR14-200L10 | 9 | 0.354 | 2 | 0.079 | 1 | 0.039 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-GR14-220L11 | 9 | 0.354 | 2.2 | 0.087 | 1.1 | 0.043 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-GR14-300L15 | 9 | 0.354 | 3 | 0.118 | 1.5 | 0.059 | 4 | 0.158 | 14 | 0.551 | 0.354 | 0.205 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |

Dimensional drawing shows right-hand version.



Ordering example for the grade WSM23X: WE07-GR10-080R04 WSM23X

HC = Coated carbide

Exchangeable head – Pre-parting WE..-GP



Exchangeable head

| Designation | d ₁ mm | d ₁ in | s mm | s in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | M | S |
|--|----------------------|----------------------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
|  WE07-GP10-100R00 | 7 | 0.276 | 1 | 0.039 | 1.5 | 0.059 | 10 | 0.394 | 0.228 | 0.150 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
|  WE07-GP10-100L00 | 7 | 0.276 | 1 | 0.039 | 1.5 | 0.059 | 10 | 0.394 | 0.228 | 0.150 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |

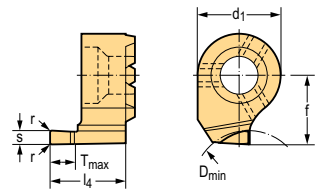
Dimensional drawing shows right-hand version.

Ordering example for the grade WSM23X: WE07-GP10-100R00 WSM23X



HC = Coated carbide

Exchangeable head – Axial grooving

WE..-A



Exchangeable head

| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | M | S |
|---|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------|--------|--------|
| | | | | | | | | | | | | | | HC | HC | HC |
|  WE09-A12-100R00 | 9 | 0.354 | 1 | 0.039 | | | 1.5 | 0.059 | 12 | 0.472 | 0.236 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-150R02 | 9 | 0.354 | 1.5 | 0.059 | 0.2 | 0.008 | 2.5 | 0.098 | 12 | 0.472 | 0.236 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-200R02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-250R02 | 9 | 0.354 | 2.5 | 0.098 | 0.2 | 0.008 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-300R02 | 9 | 0.354 | 3 | 0.118 | 0.2 | 0.008 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
|  WE09-A12-100L00 | 9 | 0.354 | 1 | 0.039 | | | 1.5 | 0.059 | 12 | 0.472 | 0.236 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-150L02 | 9 | 0.354 | 1.5 | 0.059 | 0.2 | 0.008 | 2.5 | 0.098 | 12 | 0.472 | 0.236 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-200L02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-250L02 | 9 | 0.354 | 2.5 | 0.098 | 0.2 | 0.008 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-A12-300L02 | 9 | 0.354 | 3 | 0.118 | 0.2 | 0.008 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |

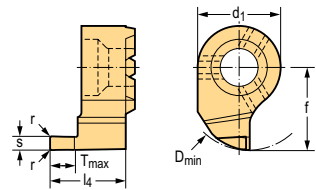
Dimensional drawing shows right-hand version.

Ordering example for the grade WSM23X: WE09-A12-100R00 WSM23X



HC = Coated carbide

Exchangeable head – Axial grooving – Contra

WE..-AC



Exchangeable head

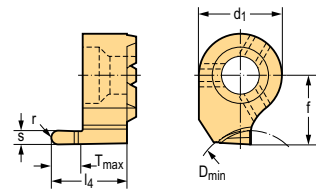
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | M | S |
|--|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------|--------|--------|
| | | | | | | | | | | | | | | HC | HC | HC |
|  WE09-AC14-100R00 | 9 | 0.354 | 1 | 0.039 | | | 1.5 | 0.059 | 14 | 0.551 | 0.354 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-150R02 | 9 | 0.354 | 1.5 | 0.059 | 0.2 | 0.008 | 2.5 | 0.098 | 14 | 0.551 | 0.354 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-200R02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-250R02 | 9 | 0.354 | 2.5 | 0.098 | 0.2 | 0.008 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-300R02 | 9 | 0.354 | 3 | 0.118 | 0.2 | 0.008 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
|  WE09-AC14-100L00 | 9 | 0.354 | 1 | 0.039 | | | 1.5 | 0.059 | 14 | 0.551 | 0.354 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-150L02 | 9 | 0.354 | 1.5 | 0.059 | 0.2 | 0.008 | 2.5 | 0.098 | 14 | 0.551 | 0.354 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-200L02 | 9 | 0.354 | 2 | 0.079 | 0.2 | 0.008 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-250L02 | 9 | 0.354 | 2.5 | 0.098 | 0.2 | 0.008 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AC14-300L02 | 9 | 0.354 | 3 | 0.118 | 0.2 | 0.008 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |

Dimensional drawing shows right-hand version.



Ordering example for the grade WSM23X: WE09-AC14-100R00 WSM23X

HC = Coated carbide

Exchangeable head – Axial grooving full radius WE..-AR



Exchangeable head

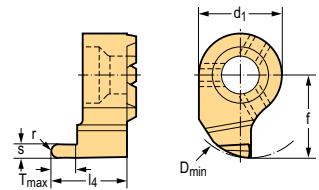
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | M | S |
|--|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------|--------|--------|
| | | | | | | | | | | | | | | HC | HC | HC |
|  WE09-AR12-150R07 | 9 | 0.354 | 1.5 | 0.059 | 0.8 | 0.032 | 2.5 | 0.098 | 12 | 0.472 | 0.236 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AR12-200R10 | 9 | 0.354 | 2 | 0.079 | 1 | 0.039 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AR12-300R15 | 9 | 0.354 | 3 | 0.118 | 1.5 | 0.059 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
|  WE09-AR12-150L07 | 9 | 0.354 | 1.5 | 0.059 | 0.8 | 0.032 | 2.5 | 0.098 | 12 | 0.472 | 0.236 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AR12-200L10 | 9 | 0.354 | 2 | 0.079 | 1 | 0.039 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AR12-300L15 | 9 | 0.354 | 3 | 0.118 | 1.5 | 0.059 | 5 | 0.197 | 12 | 0.472 | 0.236 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |

Dimensional drawing shows right-hand version.



Ordering example for the grade WSM23X: WE09-AR12-150R07 WSM23X

HC = Coated carbide

Exchangeable head – Axial grooving full radius – Contra WE..-AD



Exchangeable head

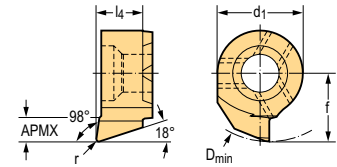
| Designation | d ₁ mm | d ₁ in | s mm | s in | r mm | r in | T _{max} mm | T _{max} in | D _{min} mm | D _{min} in | f ₁ in | l ₄ in | f in | P | M | S |
|--|----------------------|----------------------|---------|---------|---------|---------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|--------------|--------|--------|--------|
| | | | | | | | | | | | | | | HC | HC | HC |
|  WE09-AD14-150R07 | 9 | 0.354 | 1.5 | 0.059 | 0.8 | 0.032 | 2.5 | 0.098 | 14 | 0.551 | 0.354 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AD14-200R10 | 9 | 0.354 | 2 | 0.079 | 1 | 0.039 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AD14-300R15 | 9 | 0.354 | 3 | 0.118 | 1.5 | 0.059 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
|  WE09-AD14-150L07 | 9 | 0.354 | 1.5 | 0.059 | 0.8 | 0.032 | 2.5 | 0.098 | 14 | 0.551 | 0.354 | 0.327 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AD14-200L10 | 9 | 0.354 | 2 | 0.079 | 1 | 0.039 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |
| WE09-AD14-300L15 | 9 | 0.354 | 3 | 0.118 | 1.5 | 0.059 | 5 | 0.197 | 14 | 0.551 | 0.354 | 0.406 | 0.0004–0.002 | WSM23X | WSM23X | WSM23X |

Dimensional drawing shows right-hand version.



Ordering example for the grade WSM23X: WE09-AD14-150R07 WSM23X

HC = Coated carbide

Exchangeable head – Turning WE..-T



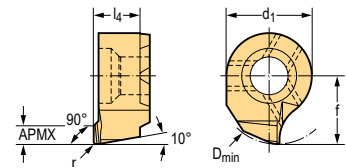
Exchangeable head

| Designation | d ₁ mm | d ₁ in | r mm | r in | D _{min} mm | D _{min} in | APMX in | f in | l ₄ in | l ₂₀ in | f in | P | M | S |
|---|----------------------|----------------------|---------|---------|------------------------|------------------------|------------|---------|----------------------|-----------------------|-------------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
|  WE05-T07-098R02 WE07-T10-098R02 | 5 | 0.197 | 0.2 | 0.008 | 7 | 0.276 | 0.012 | 0.163 | 0.142 | 0.142 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
| | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
|  WE05-T07-098L02 WE07-T10-098L02 | 5 | 0.197 | 0.2 | 0.008 | 7 | 0.276 | 0.012 | 0.163 | 0.142 | 0.142 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
| | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |


Ordering example for the grade WSM23X: WE05-T07-098R02 WSM23X

HC = Coated carbide

Exchangeable head – Turning WE..-T



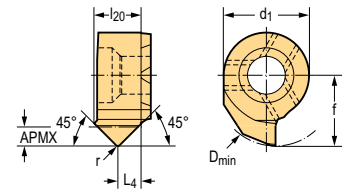
Exchangeable head

| Designation | d ₁ mm | d ₁ in | r mm | r in | D _{min} mm | D _{min} in | D _{min} in | f in | l ₄ in | l ₂₀ in | f in | P | M | S |
|--|----------------------|----------------------|---------|---------|------------------------|------------------------|------------------------|---------|----------------------|-----------------------|-------------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
|  WE07-T10X090R02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
| | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |



Ordering example for the grade WSM23X: WE07-T10X090R02 WSM23X

HC = Coated carbide

Exchangeable head – Turning and chamfering WE..-T



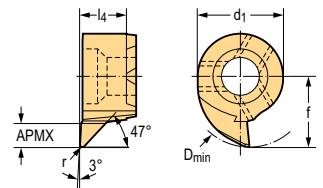
Exchangeable head

| Designation | d ₁ mm | d ₁ in | r mm | r in | D _{min} mm | D _{min} in | APMX in | f in | l ₄ in | l ₂₀ in | f in | P | M | S |
|---|----------------------|----------------------|---------|---------|------------------------|------------------------|------------|---------|----------------------|-----------------------|-------------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
|  WE07-T10-045R02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
|  WE07-T10-045L02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |





Ordering example for the grade WSM23X: WE07-T10-045R02 WSM23X

HC = Coated carbide

Exchangeable head – Copy turning WE..-C



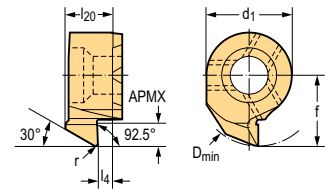
Exchangeable head

| Designation | d ₁ mm | d ₁ in | r mm | r in | D _{min} mm | D _{min} in | APMX in | f in | l ₄ in | f in | P | M | S |
|---|----------------------|----------------------|---------|---------|------------------------|------------------------|------------|---------|----------------------|-------------|--------|--------|--------|
| | | | | | | | | | | | HC | HC | HC |
|  WE05-C07-093R02 | 5 | 0.197 | 0.2 | 0.008 | 7 | 0.276 | 0.012 | 0.163 | 0.142 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
|  WE07-C10-093R02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
|  WE05-C07-093L02 | 5 | 0.197 | 0.2 | 0.008 | 7 | 0.276 | 0.012 | 0.163 | 0.142 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |
|  WE07-C10-093L02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.221 | 0.150 | 0.001-0.004 | WSM23X | WSM23X | WSM23X |



Ordering example for the grade WSM23X: WE05-C07-093R02 WSM23X

HC = Coated carbide

Exchangeable head – Backward turning WE..-B



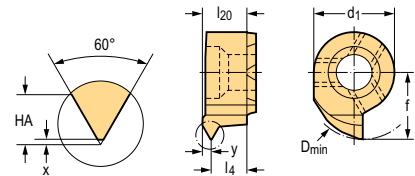
Exchangeable head

| Designation | d ₁ mm | d ₁ in | r mm | r in | D _{min} mm | D _{min} in | APMX in | f in | l ₄ in | l ₂₀ in | f in | P | M | S |
|---|----------------------|----------------------|---------|---------|------------------------|------------------------|------------|---------|----------------------|-----------------------|-------------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
|  WE07-B10-093R02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.228 | 0.047 | 0.158 | 0.001–0.004 | WSM23X | WSM23X | WSM23X |
|  WE07-B10-093L02 | 7 | 0.276 | 0.2 | 0.008 | 10 | 0.394 | 0.012 | 0.228 | 0.047 | 0.158 | 0.001–0.004 | WSM23X | WSM23X | WSM23X |


Ordering example for the grade WSM23X: WE07-B10-093R02 WSM23X

HC = Coated carbide

Exchangeable head – 60° partial profile WE..-I



Exchangeable head

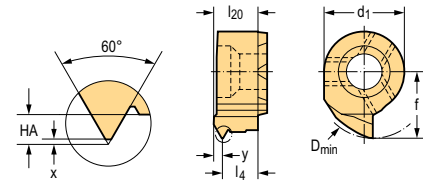
| Designation | P mm | P threads per inch | d ₁ mm | d ₁ in | l ₄ mm | D _{min} mm | D _{min} in | l ₄ in | f in | HA in | X in | P | M | S |
|---|---------|-----------------------|----------------------|----------------------|----------------------|------------------------|------------------------|----------------------|---------|----------|---------|--------|--------|--------|
| | | | | | | | | | | | | HC | HC | HC |
|  WE05-IR07-60050 | 0.5–0.8 | 17–15 | 5 | 0.197 | 3.8 | 7 | 0.276 | 0.150 | 0.163 | 0.019 | 0.002 | WSM23X | WSM23X | WSM23X |
| WE05-IR07-60100 | 1.0–1.3 | 25–20 | 5 | 0.197 | 3.8 | 7 | 0.276 | 0.102 | 0.150 | 0.032 | 0.004 | WSM23X | WSM23X | WSM23X |
| WE05-IR07-60150 | 1.5–1.8 | 51–34 | 5 | 0.197 | 3.8 | 7 | 0.276 | 0.095 | 0.163 | 0.044 | 0.006 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-60050 | 0.5–0.8 | 51–34 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.130 | 0.228 | 0.019 | 0.002 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-60100 | 1.0–1.3 | 25–20 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.122 | 0.228 | 0.039 | 0.004 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-60150 | 1.5–1.8 | 17–15 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.075 | 0.228 | 0.047 | 0.006 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-60200 | 2.0–2.5 | 13–10 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.106 | 0.228 | 0.072 | 0.009 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-60250 | 2.5–3.0 | 10–8 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.098 | 0.228 | 0.085 | 0.011 | WSM23X | WSM23X | WSM23X |

Ordering example for the grade WSM23X: WE05-IR07-60050 WSM23X

HC = Coated carbide

Exchangeable head – Full profile, ISO metric 60°

WE..-I



Exchangeable head

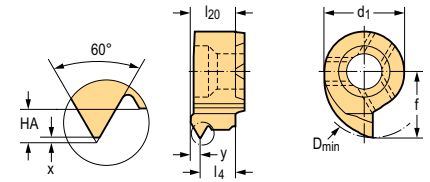
| Designation | P mm | d ₁ mm | d ₁ in | l ₄ mm | D _{min} mm | D _{min} in | l ₄ in | f in | HA in | X in | Material | | |
|------------------|---------|----------------------|----------------------|----------------------|------------------------|------------------------|----------------------|---------|----------|---------|--------------|--------------|--------------|
| | | | | | | | | | | | WSM23X HC | WSM23X HC | WSM23X HC |
| WE07-IR10-ISO050 | 0.5 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.130 | 0.228 | 0.011 | 0.002 | ☞ | ☞ | ☞ |
| WE07-IR10-ISO100 | 1 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.122 | 0.228 | 0.026 | 0.004 | ☞ | ☞ | ☞ |
| WE07-IR10-ISO150 | 1.5 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.114 | 0.228 | 0.032 | 0.006 | ☞ | ☞ | ☞ |
| WE07-IR10-ISO175 | 1.75 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.110 | 0.228 | 0.037 | 0.008 | ☞ | ☞ | ☞ |
| WE07-IR10-ISO200 | 2 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.106 | 0.228 | 0.043 | 0.009 | ☞ | ☞ | ☞ |
| WE07-IR10-ISO250 | 21.5 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.095 | 0.228 | 0.053 | 0.011 | ☞ | ☞ | ☞ |
| WE07-IL10-ISO050 | 0.5 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.130 | 0.228 | 0.011 | 0.002 | ☞ | ☞ | ☞ |
| WE07-IL10-ISO100 | 1 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.122 | 0.228 | 0.021 | 0.004 | ☞ | ☞ | ☞ |
| WE07-IL10-ISO150 | 1.5 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.114 | 0.228 | 0.032 | 0.006 | ☞ | ☞ | ☞ |
| WE07-IL10-ISO175 | 1.75 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.110 | 0.228 | 0.062 | 0.007 | ☞ | ☞ | ☞ |
| WE07-IL10-ISO200 | 2 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.106 | 0.228 | 0.043 | 0.009 | ☞ | ☞ | ☞ |
| WE07-IL10-ISO250 | 21.5 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.095 | 0.228 | 0.053 | 0.011 | ☞ | ☞ | ☞ |

HC = Coated carbide

Ordering example for the grade WSM23X: WE07-IR10-ISO050 WSM23X

Exchangeable head – Full profile, American UN 60°

WE..-I



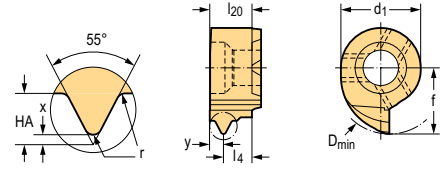
Exchangeable head

| Designation | P threads per inch | d ₁ mm | d ₁ in | l ₄ in | D _{min} mm | D _{min} in | l ₄ in | f in | HA in | X in | Material | | |
|----------------|--------------------|----------------------|----------------------|----------------------|------------------------|------------------------|----------------------|---------|----------|---------|--------------|--------------|--------------|
| | | | | | | | | | | | WSM23X HC | WSM23X HC | WSM23X HC |
| WE07-IR10-UN14 | 14 | 7 | 0.276 | 3.9 | 10 | 0.394 | 0.122 | 0.228 | 0.046 | 0.008 | ☞ | ☞ | ☞ |
| WE07-IR10-UN16 | 16 | 7 | 0.276 | 3.9 | 10 | 0.394 | 0.118 | 0.228 | 0.040 | 0.006 | ☞ | ☞ | ☞ |
| WE07-IR10-UN18 | 18 | 7 | 0.276 | 3.9 | 10 | 0.394 | 0.122 | 0.228 | 0.036 | 0.006 | ☞ | ☞ | ☞ |
| WE07-IR10-UN20 | 20 | 7 | 0.276 | 3.9 | 10 | 0.394 | 0.122 | 0.228 | 0.032 | 0.005 | ☞ | ☞ | ☞ |
| WE07-IR10-UN24 | 24 | 7 | 0.276 | 3.9 | 10 | 0.394 | 0.126 | 0.228 | 0.027 | 0.004 | ☞ | ☞ | ☞ |
| WE07-IR10-UN28 | 28 | 7 | 0.276 | 3.9 | 10 | 0.394 | 0.130 | 0.228 | 0.023 | 0.004 | ☞ | ☞ | ☞ |


HC = Coated carbide

Ordering example for the grade WSM23X: WE07-IR10-UN14 WSM23X

Exchangeable head – full profile, Whitworth 55° WE..-I

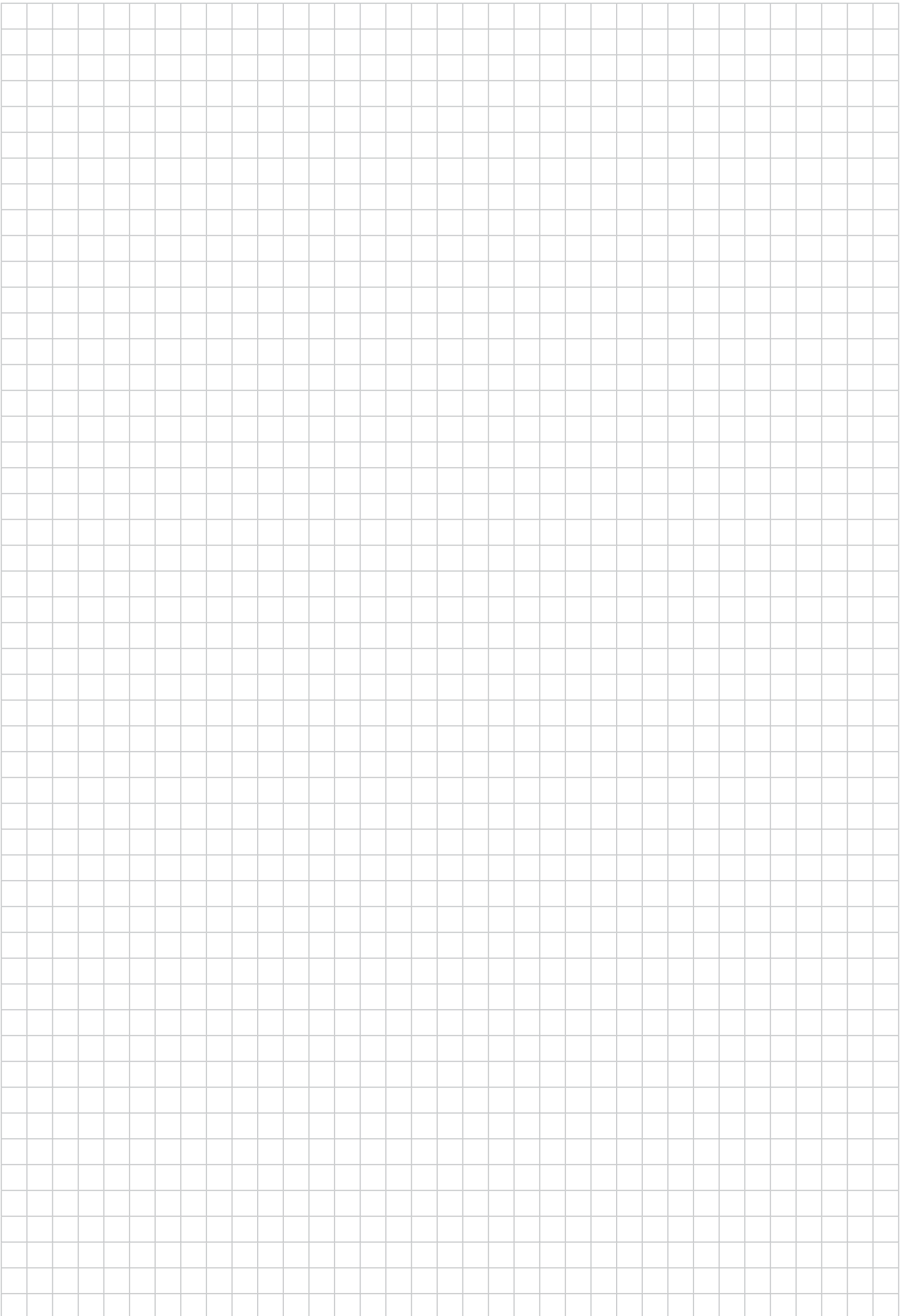


Exchangeable head

| Designation | P threads per inch | r mm | r in | d ₁ mm | d ₁ in | l ₄ in | D _{min} mm | D _{min} in | l ₄ in | f in | HA in | X in | P | M | S |
|---|--------------------|------|-------|-------------------|-------------------|-------------------|---------------------|---------------------|-------------------|-------|-------|-------|--------|--------|--------|
| | | | | | | | | | | | | | HC | HC | HC |
|  WE07-IR10-W11 | 11 | 0.31 | 0.012 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.087 | 0.228 | 0.072 | 0.014 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-W14 | 14 | 0.24 | 0.009 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.098 | 0.228 | 0.057 | 0.011 | WSM23X | WSM23X | WSM23X |
| WE07-IR10-W19 | 19 | 0.18 | 0.007 | 7 | 0.276 | 3.8 | 10 | 0.394 | 0.106 | 0.228 | 0.042 | 0.008 | WSM23X | WSM23X | WSM23X |

HC = Coated carbide

Ordering example for the grade WSM23X: WE07-IR10-W11 WSM23X

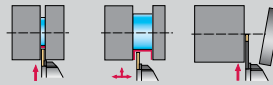


Shank tools/parting blades

System



Machining



G3011



G3011...-P



G3021...-P

Designation

| | | | |
|------------------------------|--------------------------|--------------------------|--------------------------|
| Insert width s [mm] | 0.020 – 0.128 [0.5–3.25] | 0.020 – 0.222 [0.5–5.65] | 0.020 – 0.222 [0.5–5.65] |
| Cutting depth T_{max} [mm] | 0.236 [6] | 0.236 [6] | 0.236 [6] |
| Coolant supply | External | Precision cooling | Precision cooling |
| Shank size h [mm] | 10–25 | 12–25 | 20–25 |
| Shank size h [Inch] | | 0.500–1.000 | 1.000 |
| Page in catalog | A 438 | A 440 | A 444 |

QR code


www.walter-tools.com/woc/G3011

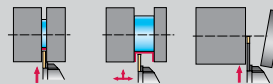
www.walter-tools.com/woc/G3011-P

www.walter-tools.com/woc/G3021-P

System



Machining



G3051...-P



G4014



G4014...-P

Designation

| | | | |
|------------------------------|--------------------------|---------------------|---------------------|
| Insert width s [mm] | 0.020 – 0.128 [0.5–3.25] | 0.039 – 0.118 [1–3] | 0.079 – 0.118 [2–3] |
| Cutting depth T_{max} [mm] | 0.236 [6] | 0.689 [17.5] | 0.689 [17.5] |
| Coolant supply | Precision cooling | External | Precision cooling |
| Shank size h [mm] | 12–25 | 10–20 | 12–20 |
| Shank size h [Inch] | 0.625–1.000 | 0.500–0.625 | 0.500–0.750 |
| Page in catalog | A 446 | A 451 | A 451 |

QR code


www.walter-tools.com/woc/G3051-P

www.walter-tools.com/woc/G4014

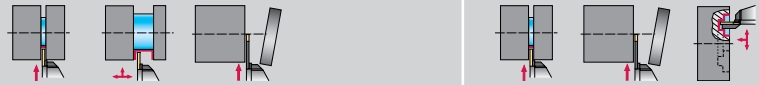
www.walter-tools.com/woc/G4014-P

Shank tools/parting blades

System



Machining



G4011



G4011...-P



G4511

Designation

| | | | |
|------------------------------|---------------------|---------------------|---------------------|
| Insert width s [mm] | 0.079 – 0.158 [2–4] | 0.079 – 0.158 [2–4] | 0.079 – 0.236 [2–6] |
| Cutting depth T_{max} [mm] | 0.669 [17] | 0.669 [17] | 0.197 [5] |
| Coolant supply | External | Precision cooling | External |
| Shank size h [mm] | 16–25 | 20–25 | 12–25 |
| Shank size h [Inch] | 0.750–1.000 | 1.000 | |
| Page in catalog | A 458 | A 458 | A 465 |

QR code



G4011



G4011-P



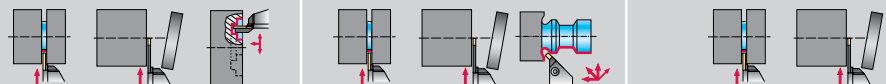
G4511

www.walter-tools.com/woc/

System



Machining



G4521



G4551



G4041

Designation

| | | | |
|------------------------------|---------------------|---------------------|-----------------------|
| Insert width s [mm] | 0.079 – 0.236 [2–6] | 0.079 – 0.236 [2–6] | 0.059 – 0.118 [1.5–3] |
| Cutting depth T_{max} [mm] | 0.197 [5] | 0.197 [5] | 0.827 [21] |
| Coolant supply | External | External | External |
| Shank size h [mm] | 20–25 | 20–25 | 26–32 |
| Shank size h [Inch] | | | |
| Page in catalog | A 466 | A 467 | A 470 |

QR code



G4521



G4551



G4041

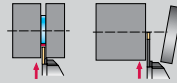
www.walter-tools.com/woc/

Shank tools/parting blades

System



Machining



G4041...-P



G4041...C



G4041...C-P

Designation

| | | | |
|-----------------------------------|-------------------|-----------------------|---------------------|
| Insert width s inch [mm] | 0.079 [2] | 0.059 – 0.118 [1.5–3] | 0.079 – 0.118 [2–3] |
| Cutting depth T_{max} inch [mm] | 0.827 [21] | 0.827 [21] | 0.827 [21] |
| Coolant supply | Precision cooling | External | Precision cooling |
| Shank size h [mm] | 26–32 | 26–32 | 26–32 |
| Shank size h [Inch] | | | |
| Page in catalog | A 470 | A 472 | A 472 |

QR code


www.walter-tools.com/woc/G4041-P

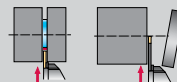
www.walter-tools.com/woc/G4041-C

www.walter-tools.com/woc/G4041-C-P

System



Machining



G4042...N



G4042...N...-P



G4634-P

Designation

| | | | |
|-----------------------------------|-----------------------|-------------------|---------------------|
| Insert width s inch [mm] | 0.059 – 0.158 [1.5–4] | 0.118 [3] | 0.079 – 0.118 [2–3] |
| Cutting depth T_{max} inch [mm] | 1.575 [40] | 1.575 [40] | 0.630 [16] |
| Coolant supply | External | Precision cooling | Precision cooling |
| Shank size h [mm] | 26–32 | 26–32 | E33 |
| Shank size h [Inch] | | | |
| Page in catalog | A 468 | A 468 | A 476 |

QR code


www.walter-tools.com/woc/G4042-N

www.walter-tools.com/woc/G4042-N-P

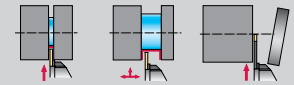
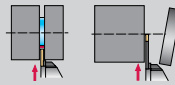
www.walter-tools.com/woc/G4634-P

Shank tools/parting blades

System



Machining



NEW



Designation

G4635

G4635-P

G5011

Insert width s inch [mm]

0.059 – 0.118 [1.5–3]

0.079 – 0.236 [2–6]

0.118 – 0.236 [3–6]

Cutting depth T_{max} inch [mm]

0.669 [17]

0.236 [6]

0.827 [21]

Coolant supply

External

Precision cooling

External

Shank size h [mm]

E30

E33

16–25

Shank size h [Inch]

0.625–1.000

Page in catalog

A 474

A 475

A 479

QR code


www.walter-tools.com/woc/

G4635

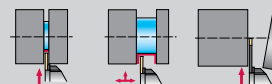
G4635-P

G5011

System



Machining



NEW



Designation

G5011...-P

G1011

G1011...-P

Insert width s inch [mm]

0.098 – 0.236 [2.5–6]

0.079 – 0.315 [2–8]

0.079 – 0.315 [2–8]

Cutting depth T_{max} inch [mm]

0.827 [21]

1.496 [38]

1.299 [33]

Coolant supply

Precision cooling

External

Precision cooling

Shank size h [mm]

16–25

16–32

16–32

Shank size h [Inch]

0.750–1.000

0.625–1.500

0.750–1.000

Page in catalog

A 477

A 488

A 490

QR code


www.walter-tools.com/woc/

G5011-P

G1011

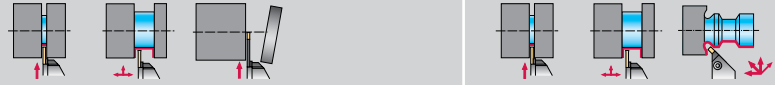
G1011-P

Shank tools/parting blades

System



Machining



G1511



G1521



G1551

Designation

| | | | |
|-----------------------------------|---------------------|---------------------|---------------------|
| Insert width s inch [mm] | 0.079 – 0.236 [2–6] | 0.079 – 0.236 [2–6] | 0.079 – 0.236 [2–6] |
| Cutting depth T_{max} inch [mm] | 0.236 [6] | 0.236 [6] | 0.236 [6] |
| Coolant supply | External | External | External |
| Shank size h [mm] | 20–25 | 20–25 | 20–25 |
| Shank size h [Inch] | 0.750–1.000 | 0.750–1.000 | 0.750–1.000 |
| Page in catalog | A 501 | A 503 | A 505 |

QR code



G1511



G1521



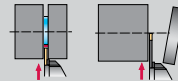
G1551

www.walter-tools.com/woc/

System



Machining



G1041



G1041...-P



G1041...C

Designation

| | | | |
|-----------------------------------|---------------------|---------------------|---------------------|
| Insert width s inch [mm] | 0.079 – 0.158 [2–4] | 0.118 – 0.158 [3–4] | 0.079 – 0.158 [2–4] |
| Cutting depth T_{max} inch [mm] | 1.260 [32] | 1.299 [33] | 1.260 [32] |
| Coolant supply | External | Precision cooling | External |
| Shank size h [mm] | 26–32 | 26–32 | 26–32 |
| Shank size h [Inch] | | | |
| Page in catalog | A 508 | A 508 | A 508 |

QR code



G1041



G1041-P



G1041-C

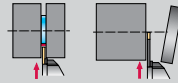
www.walter-tools.com/woc/

Shank tools/parting blades

System



Machining



G1041...C-P






G1042



XLCFN

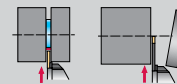
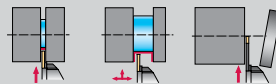
Designation

| | | | |
|--|--|---|--|
| Insert width s inch [mm] | 0.079 – 0.158 [2–4] | 0.079 – 0.236 [2–6] | 0.118 – 0.236 [3–6] |
| Cutting depth T_{max} inch [mm] | 1.299 [33] | 2.362 [60] | 0.827 [21] |
| Coolant supply | Precision cooling | External | External |
| Shank size h [mm] | 26–32 | 26–32 | 32 |
| Shank size h [Inch] | | | |
| Page in catalog | A 508 | A 507 | A 512 |
| QR code |  |  |  |
| www.walter-tools.com/woc/ | G1041-C-P | G1042 | XLCFN |

System



Machining



MSS...E...






G1332



G1634-P

Designation

| | | | |
|--|---|--|---|
| Insert width s inch [mm] | 0.024 – 0.315 [0.6–8] | 0.118 [3] | 0.079 – 0.158 [2–4] |
| Cutting depth T_{max} inch [mm] | 0.827 [21] | 0.591 [15] | 1.299 [33] |
| Coolant supply | External | EXT | Precision cooling |
| Shank size h [mm] | E20–E32 | EXT | E33–E43 |
| Shank size h [Inch] | | | |
| Page in catalog | A 551 | A 515 | A 513 |
| QR code |  |  |  |
| www.walter-tools.com/woc/ | MSS-E | G1332 | G1634-P |

Shank tools/parting blades

System



Machining



G1111



G1111...-P



MSS...E...A

Designation

| | | | |
|-----------------------------------|---------------------|-------------------|---------------------|
| Insert width s inch [mm] | 0.118 – 0.236 [3–6] | 0.197 [5] | 0.118 – 0.236 [3–6] |
| Cutting depth T_{max} inch [mm] | 0.984 [25] | 1.299 [33] | 0.591 [15] |
| Coolant supply | External | Precision cooling | External |
| Shank size h [mm] | 25 | 25 | E20–E32 |
| Shank size h [Inch] | 1.000 | | |
| Page in catalog | A 517 | A 517 | A 551 |

QR code


www.walter-tools.com/woc/G1111

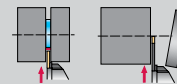
www.walter-tools.com/woc/G1111-P

www.walter-tools.com/woc/MSS-E-A

System



Machining



MSS...E...C



G2012



G2012...-P

Designation

| | | | |
|-----------------------------------|---------------------|-----------------------|---------------------|
| Insert width s inch [mm] | 0.158 – 0.236 [4–6] | 0.059 – 0.118 [1.5–3] | 0.079 – 0.236 [2–6] |
| Cutting depth T_{max} inch [mm] | 0.984 [25] | 1.299 [33] | 1.575 [40] |
| Coolant supply | External | External | Internal |
| Shank size h [mm] | E25 | 20–25 | 12–25 |
| Shank size h [Inch] | | 0.750–1.000 | 0.500–1.000 |
| Page in catalog | A 551 | A 526 | A 527 |

QR code


www.walter-tools.com/woc/MSS-E-C

www.walter-tools.com/woc/G2012

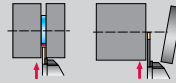
www.walter-tools.com/woc/G2012-P

Shank tools/parting blades

System



Machining



G2042...R/L






G2042...R/L...-P



G2042...R/L...C

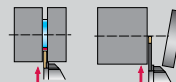
Designation

| | | | |
|--|--|---|--|
| Insert width s inch [mm] | 0.059 – 0.158 [1.5–4] | 0.079 – 0.158 [2–4] | 0.158 [4] |
| Cutting depth T _{max} inch [mm] | 1.299 [33] | 1.299 [33] | 1.299 [33] |
| Coolant supply | External | Precision cooling | External |
| Shank size h [mm] | 26–32 | 26–32 | 32 |
| Shank size h [Inch] | | | |
| Page in catalog | A 531 | A 531 | A 531 |
| QR code |  |  |  |
| www.walter-tools.com/woc/ | G2042-R-L | G2042-R-L-P | G2042-R-L-C |

System



Machining



G2042...R/L...C-P






G2042...N



G2042...N...-P

Designation

| | | | |
|--|---|--|---|
| Insert width s inch [mm] | 0.079 – 0.158 [2–4] | 0.079 – 0.236 [2–6] | 0.118 – 0.394 [3–10] |
| Cutting depth T _{max} inch [mm] | 1.299 [33] | 3.150 [80] | 3.937 [100] |
| Coolant supply | Precision cooling | External | Precision cooling |
| Shank size h [mm] | 26–32 | 26–46 | 26–52 |
| Shank size h [Inch] | | | |
| Page in catalog | A 531 | A 531 | A 531 |
| QR code |  |  |  |
| www.walter-tools.com/woc/ | G2042-R-L-C-P | G2042-N | G2042-N-P |

Shank tools/parting blades

| | | | |
|--|---------------------|-----------------------|-------------|
| System | SX.. | UX.. | |
| Machining | | | |
| | | | |
| Designation | G2632-E...R/L...-SX | G2016...-P | MSS-...00 |
| Insert width s inch [mm] | 0.079 – 0.315 [2–8] | 0.472 – 0.748 [12–19] | |
| Cutting depth T _{max} inch [mm] | 1.772 [45] | 1.614 [41] | |
| Coolant supply | External | Precision cooling | External |
| Shank size h [mm] | E20–E32 | 25–32 | 20–32 |
| Shank size h [Inch] | | | 0.750–1.250 |
| Page in catalog | A 557 | A 543 | A 538 |
| QR code | | | |
| www.walter-tools.com/woc/ | G2632 | G2016-P | MSS-00 |

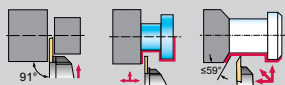
| | | | |
|--|-------------|-------------|-------------|
| System | | | |
| Machining | | | |
| | | | |
| Designation | MSS-...90 | G2661...-P | SBN |
| Insert width s inch [mm] | | | |
| Cutting depth T _{max} inch [mm] | | | |
| Coolant supply | External | Internal | External |
| Shank size h [mm] | 20–32 | 16–40 | 20–40 |
| Shank size h [Inch] | 0.750–1.250 | 0.750–1.500 | 0.750–1.250 |
| Page in catalog | A 538 | A 546 | A 129 |
| QR code | | | |
| www.walter-tools.com/woc/ | MSS-90 | G2661-P | SBN |

Shank tools/parting blades

System



Machining



Designation

W2011

Insert width s inch [mm]

0.020 – 0.118 [0.5–3]

Cutting depth T_{max} inch [mm]

0.335 [8.5]

Coolant supply

External

Shank size h [mm]

10–16

Shank size h [Inch]

0.500–0.625

Page in catalog

QR code


www.walter-tools.com/woc/

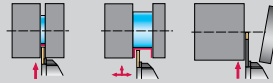
W2011

Walter Capto™ groove turning holders

System



Machining



Designation

G3011-C...-P
G4011-C...-P
G1011-C...-P

 Insert width s inch [mm]

0.020 – 0.222 [0.5–5.65]

0.079 [2]

0.118 – 0.197 [3–5]

 Cutting depth T_{max} inch [mm]

0.236 [6]

0.669 [17]

0.827 [21]

Coolant supply

Precision cooling

Precision cooling

Precision cooling

Walter Capto™ size

C3–C6

C3–C4

C3–C6

Page in catalog

A 548

A 549

A 550

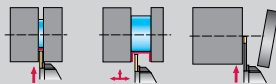
QR code


www.walter-tools.com/woc/
[G3011-C-P](http://www.walter-tools.com/woc/)
[G4011-C-P](http://www.walter-tools.com/woc/)
[G1011-C-P](http://www.walter-tools.com/woc/)

System



Machining



Designation

MSS...E...
MSS...E...A
MSS...E...C

 Insert width s inch [mm]

0.024 – 0.315 [0.6–8]

0.118 – 0.236 [3–6]

0.158 – 0.236 [4–6]

 Cutting depth T_{max} inch [mm]

0.827 [21]

0.591 [15]

0.984 [25]

Coolant supply

External

External

External

Walter Capto™ size

E20–E32

E20–E32

E25

Page in catalog

A 551

A 551

A 551

QR code

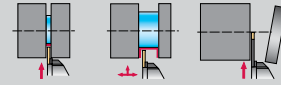
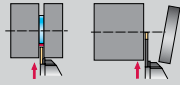

www.walter-tools.com/woc/
[MSS-E](http://www.walter-tools.com/woc/)
[MSS-E-A](http://www.walter-tools.com/woc/)
[MSS-E-C](http://www.walter-tools.com/woc/)

Walter Capto™ groove turning holders

System



Machining



Designation

G2632-E...R/L...-SX

C...-MSS

C...-MSS...90

Insert width s inch [mm]

0.079 – 0.315 [2–8]

Cutting depth T_{max} inch [mm]

1.772 [45]

Coolant supply

External

Internal

Internal

Walter Capto™ size

E20–E32

C3–C6

C4–C6

Page in catalog

A 557

A 555

A 555

QR code


www.walter-tools.com/woc/

G2632

C-MSS

C-MSS-90

Boring bars – Internal grooving

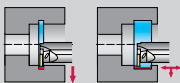
| | | | |
|--|--------------------------|---------------------|------------------------|
| System | MX.. | DX.. | GX.. |
| Machining | | | |
| Designation | G3221...-P | G4221...-P | I12 |
| Insert width s inch [mm] | 0.020 – 0.128 [0.5–3.25] | 0.079 – 0.158 [2–4] | 0.079 – 0.108 [2–2.75] |
| Cutting depth T_{max} inch [mm] | 0.158 [4] | 0.394 [10] | 0.118 [3] |
| Coolant supply | Precision cooling | Precision cooling | External |
| Boring bar $\varnothing d_1$ [mm] | 32 | 25–32 | 16 |
| Boring bar $\varnothing d_1$ [inch] | | 0.959–1.250 | |
| Page in catalog | A 558 | A 559 | A 561 |
| QR code | | | |
| www.walter-tools.com/woc/ | G3221-P | G4221-P | I12 |

| | | | |
|--|---------------------|-----------------------|------------------|
| System | GX.. | | |
| Machining | | | |
| Designation | G1221...-P | MSS...I... | MSS...I...90-1.5 |
| Insert width s inch [mm] | 0.079 – 0.236 [2–6] | 0.024 – 0.236 [0.6–6] | |
| Cutting depth T_{max} inch [mm] | 0.472 [12] | 0.748 [19] | |
| Coolant supply | Precision cooling | External | Internal |
| Boring bar $\varnothing d_1$ [mm] | 16–40 | 116–140 | 20–40 |
| Boring bar $\varnothing d_1$ [inch] | 0.602–1.500 | | 0.039–1.500 |
| Page in catalog | A 562 | A 568 | A 564 |
| QR code | | | |
| www.walter-tools.com/woc/ | G1221-P | MSS-I | MSS-I-1-5 |

Boring bars – Internal grooving

System

Machining



Designation

MSS...I...90-2.5

Insert width s inch [mm]

Cutting depth T_{max} inch [mm]

Coolant supply

Internal

Boring bar $\emptyset d_1$ [mm]

20–50

Boring bar $\emptyset d_1$ [inch]

0.039–2.000

Page in catalog

A 564

QR code



www.walter-tools.com/woc/

MSS-I-2-5

NEW



Boring bar for exchangeable head




NEW



Boring bar for exchangeable head

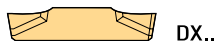
NEW


 Boring bar for exchangeable head –
Axial grooving

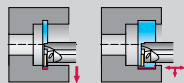
| | | | |
|--|---|---|---|
| Designation | W3270-A | W3270-E | W3271-E |
| Machine-side | Parallel shank with clamping surface | Parallel shank with clamping surface | Parallel shank with clamping surface |
| Tool-side | 05 - 09 | 05 - 09 | 09F(R) |
| Page in catalog | A 570 | A 570 | A 574 |
| QR code |  |  |  |
| www.walter-tools.com/woc/ | W3270-A | W3270-E | W3271-E |

Exchangeable head QuadFit – Internal grooving

System



Machining



Designation

G4221-Q...-P

Insert width s inch [mm]

0.118 – 0.158 [3–4]

Cutting depth T_{max} inch [mm]

0.827 [21]

Coolant supply

Precision cooling

QuadFit size

Q32–Q50

Page in catalog

A 576

QR code

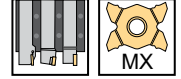
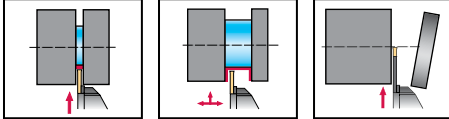

www.walter-tools.com/woc/

G4221-Q-P

Shank tool - Radial grooving

G3011
Walter Cut


– Screw clamping



Tool

| Tool | | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | h ₄ mm | Type |
|------|--------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|-------------|
| | G3011-1010R-MX22-2 | 0.5–3.25 | 0.020-0.128 | 6 | 10 | 10 | 8.3 | 120 | 28 | 7 | MX-22-2E .. |
| | G3011-1212R-MX22-2 | | | 6 | 12 | 12 | 10.3 | 120 | 26 | 5 | |
| | G3011-1616R-MX22-2 | | | 6 | 16 | 16 | 14.2 | 120 | 26 | 4 | |
| | G3011-1010L-MX22-2 | 0.5–3.25 | 0.020-0.128 | 6 | 10 | 10 | 8.3 | 120 | 28 | 7 | MX-22-2E .. |
| | G3011-1212L-MX22-2 | | | 6 | 12 | 12 | 10.3 | 120 | 26 | 5 | |
| | G3011-1616L-MX22-2 | | | 6 | 16 | 16 | 14.2 | 120 | 26 | 4 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm |
| | Torx key | FS2572 (T10IP) |

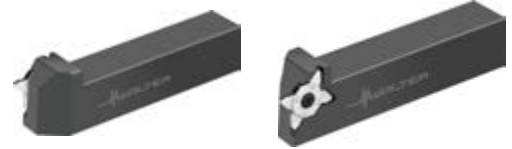
Accessories

| | s [mm] | 0.5–3.25 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool - Radial grooving

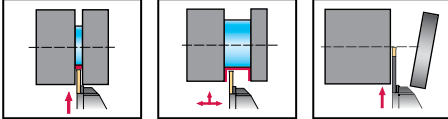
G3011

Walter Cut



A2

– Screw clamping



| Tool | | s | s | T _{max} | h = h ₁ | b | f ₁ | l ₁ | l ₄ | Type |
|-------------|--------------------|----------|-------------|------------------|--------------------|----|----------------|----------------|----------------|-------------|
| Designation | | mm | inch | mm | mm | mm | mm | mm | mm | |
| | G3011-2020R-MX22-2 | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 18.3 | 125 | 26 | MX-22-2E .. |
| | G3011-2525R-MX22-2 | | | 6 | 25 | 25 | 23.3 | 125 | 26 | |
| | G3011-2020L-MX22-2 | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 18.3 | 125 | 26 | MX-22-2E .. |
| | G3011-2525L-MX22-2 | | | 6 | 25 | 25 | 23.3 | 125 | 26 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Maximum cutting depth T_{max} – see cutting inserts

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | 0.5–3.25 |
|----------------|---|--------|------------------------|
| | Clamping screw for grooving insert Tightening torque | | FS2570 (T20IP) 5 Nm |
| | Torx key | | FS2572 (T10IP) |

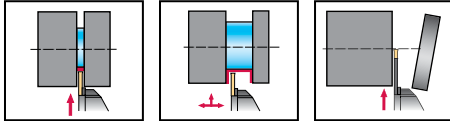
| Accessories | | s [mm] | 0.5–3.25 |
|-------------|------------------------------|--------|----------------|
| | Torque screwdriver, analogue | | FS2003 |
| | Torque screwdriver, digital | | FS2248 |
| | Interchangeable blade | | FS2015 (T20IP) |

Shank tool – Radial grooving

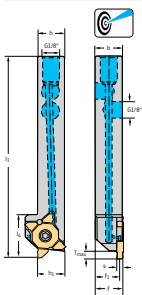
G3011...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | Type |
|----------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|-------------|
| G3011-1212R-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 12 | 12 | 10.3 | 120 | 26 | MX-22-2E .. |
| G3011-1616R-MX22-2-P | | | 6 | 16 | 16 | 14.3 | 120 | 26 | |
| G3011-1616R-MX22-4-P | 4–5.65 | 0.157-0.222 | 6 | 16 | 16 | 13.2 | 120 | 26 | MX-22-4E .. |
| G3011-1212L-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 12 | 12 | 10.3 | 120 | 26 | MX-22-2E .. |
| G3011-1616L-MX22-2-P | | | 6 | 16 | 16 | 14.3 | 120 | 26 | |
| G3011-1616L-MX22-4-P | 4–5.65 | 0.157-0.222 | 6 | 16 | 16 | 13.2 | 120 | 26 | MX-22-4E .. |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 | 4–5.65 |
|--|---|------------------------|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm | FS2571 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | Torx key | FS2572 (T10IP) | FS2572 (T10IP) |

Accessories

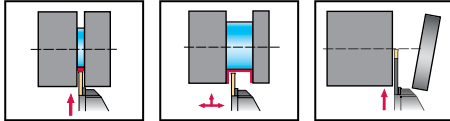
| | s [mm] | 0.5–3.25–4–5.65 |
|--|------------------------------|-----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

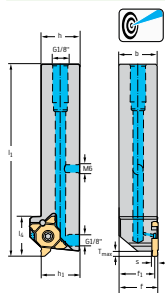
G3011...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | Type |
|----------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|-------------|
| G3011-2020R-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 18.3 | 125 | 26 | MX-22-2E .. |
| G3011-2525R-MX22-2-P | | | 6 | 25 | 25 | 23.3 | 125 | 26 | |
| G3011-2020R-MX22-4-P | 4–5.65 | 0.157-0.222 | 6 | 20 | 20 | 17.2 | 125 | 26 | MX-22-4E .. |
| G3011-2525R-MX22-4-P | | | 6 | 25 | 25 | 22.2 | 125 | 26 | |
| G3011-2020L-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 18.3 | 125 | 26 | MX-22-2E .. |
| G3011-2525L-MX22-2-P | | | 6 | 25 | 25 | 23.3 | 125 | 26 | |
| G3011-2020L-MX22-4-P | 4–5.65 | 0.157-0.222 | 6 | 20 | 20 | 17.2 | 125 | 26 | MX-22-4E .. |
| G3011-2525L-MX22-4-P | | | 6 | 25 | 25 | 22.2 | 125 | 26 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 | 4–5.65 |
|--|---|------------------------|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm | FS2571 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Torx key | FS2572 (T10IP) | FS2572 (T10IP) |

Accessories

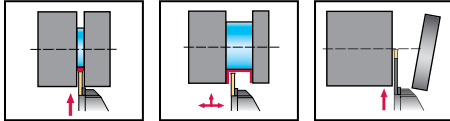
| | s [mm] | 0.5–3.25–4–5.65 |
|--|------------------------------|-----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

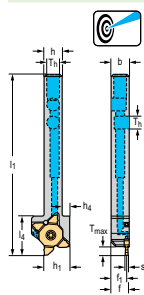
G3011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | h ₄ inch | T _h | Type |
|--------------------|----------|-------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------|-------------|
| G3011.08R-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 0.500 | 0.500 | 0.434 | 4.724 | 1.024 | 0.169 | 5/16"X24 | MX-22-2E .. |
| G3011.10R-MX22-2-P | | | 0.236 | 0.625 | 0.625 | 0.559 | 4.724 | 1.024 | | G1/8" | |
| G3011.08L-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 0.500 | 0.500 | 0.434 | 4.724 | 1.024 | 0.169 | 5/16"X24 | MX-22-2E .. |
| G3011.10L-MX22-2-P | | | 0.236 | 0.625 | 0.625 | 0.559 | 4.724 | 1.024 | | G1/8" | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.020–0.128 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 44 in lbs |
| | UNF 5/16-24 threaded plug | FS2593 (SW 4) |
| | Torx key | FS2572 (T10IP) |

Accessories

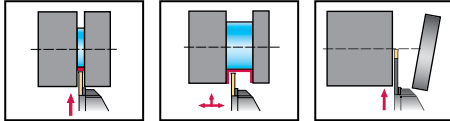
| | s [inch] | 0.020–0.128 |
|--|------------------------------|----------------|
| | 5/16" UNF angle connection | FS2594 |
| | 5/16" UNF connection element | FS2595 |
| | Copper gasket | FS2598 |
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

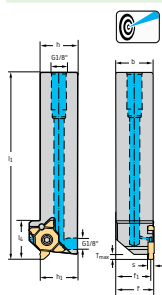
G3011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | Type |
|--------------------|----------|-----------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|-------------|
| G3011.12R-MX22-2-P | 0.5–3.25 | 0.020– 0.128 | 0.236 | 0.750 | 0.750 | 0.684 | 5.906 | 1.024 | MX-22-2E .. |
| G3011.16R-MX22-2-P | | | 0.236 | 1.000 | 1.000 | 0.934 | 5.906 | 1.024 | |
| G3011.12R-MX22-4-P | 4–5.65 | 0.157– 0.222 | 0.236 | 0.750 | 0.750 | 0.639 | 5.906 | 1.024 | MX-22-4E .. |
| G3011.16R-MX22-4-P | | | 0.236 | 1.000 | 1.000 | 0.889 | 5.906 | 1.024 | |
| G3011.12L-MX22-2-P | 0.5–3.25 | 0.020– 0.128 | 0.236 | 0.750 | 0.750 | 0.684 | 5.906 | 1.024 | MX-22-2E .. |
| G3011.16L-MX22-2-P | | | 0.236 | 1.000 | 1.000 | 0.934 | 5.906 | 1.024 | |
| G3011.12L-MX22-4-P | 4–5.65 | 0.157– 0.222 | 0.236 | 0.750 | 0.750 | 0.639 | 5.906 | 1.024 | MX-22-4E .. |
| G3011.16L-MX22-4-P | | | 0.236 | 1.000 | 1.000 | 0.889 | 5.906 | 1.024 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.020–0.128 | 0.157–0.222 |
|--|---|-----------------------------|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 44 in lbs | FS2571 (T20IP) 44 in lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | Torx key | FS2572 (T10IP) | FS2572 (T10IP) |

Accessories

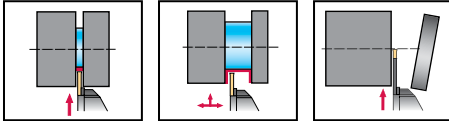
| | s [inch] | 0.020–0.128–0.157–0.222 |
|--|------------------------------|-------------------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

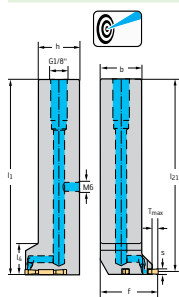
G3021...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | l ₂₁ mm | Type |
|----------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|-----------------------|-------------|
| G3021-2020R-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 30 | 125 | 19 | 123.3 | MX-22-2E .. |
| G3021-2525R-MX22-2-P | | | 6 | 25 | 25 | 35 | 125 | 19 | 123.3 | |
| G3021-2525R-MX22-4-P | 4–5.65 | 0.157-0.222 | 6 | 25 | 25 | 35 | 127.3 | 19 | 124.5 | MX-22-4E .. |
| G3021-2020L-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 30 | 125 | 19 | 123.3 | MX-22-2E .. |
| G3021-2525L-MX22-2-P | | | 6 | 25 | 25 | 35 | 125 | 19 | 123.3 | |
| G3021-2525L-MX22-4-P | 4–5.65 | 0.157-0.222 | 6 | 25 | 25 | 35 | 127.3 | 19 | 124.5 | MX-22-4E .. |

Square shank

Dimensional drawing shows right-hand version.

$$l_1 = l_{21} + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 | 4–5.65 |
|--|---|------------------------|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm | FS2571 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Torx key | FS2572 (T10IP) | FS2572 (T10IP) |

Accessories

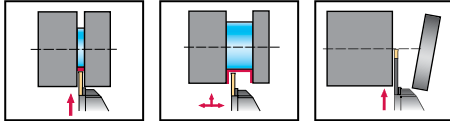
| | s [mm] | 0.5–3.25–4–5.65 |
|--|------------------------------|-----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

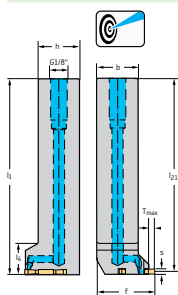
G3021...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | l ₂₁ inch | Type |
|--------------------|----------|-------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|-------------------------|-------------|
| G3021.16R-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 1.000 | 1.000 | 1.394 | 5.906 | 0.748 | 5.842 | MX-22-2E .. |
| G3021.16R-MX22-4-P | 4–5.65 | 0.157–0.222 | 0.236 | 1.000 | 1.000 | 1.394 | 5.906 | 0.748 | 5.794 | MX-22-4E .. |
| G3021.16L-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 1.000 | 1.000 | 1.394 | 5.906 | 0.748 | 5.842 | MX-22-2E .. |
| G3021.16L-MX22-4-P | 4–5.65 | 0.157–0.222 | 0.236 | 1.000 | 1.000 | 1.394 | 5.906 | 0.748 | 5.794 | MX-22-4E .. |

Square shank

Dimensional drawing shows right-hand version.

$$l_1 = l_{21} + s/2$$

Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.020–0.128–0.157–0.222 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2571 (T20IP) 44 in lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS2572 (T10IP) |

Accessories

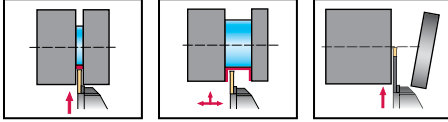
| | s [inch] | 0.020–0.128–0.157–0.222 |
|--|------------------------------|-------------------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool 3° – Radial grooving

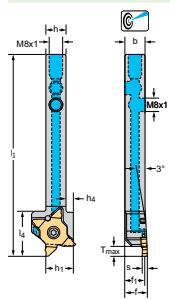
G3051...-P

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | Type |
|----------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|-------------|
| G3051-1212R-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 12 | 12 | 13.3 | 120 | 26 | MX-22-2R .. |
| G3051-1212L-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 12 | 12 | 13.3 | 120 | 26 | MX-22-2L .. |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm |
| | M8X1 threaded plug | FS2587 (SW 4) |
| | Torx key | FS2572 (T10IP) |

Accessories

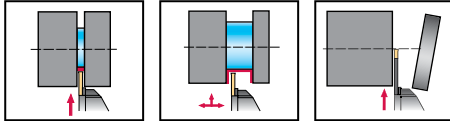
| | s [mm] | 0.5–3.25 |
|--|------------------------------|----------------|
| | M8x1 angle connection | FS2596 |
| | M8x1 connection element | FS2597 |
| | Copper gasket | FS2598 |
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool 3° – Radial grooving

G3051...-P

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool

| | Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | Type |
|--|----------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|-------------|
| | G3051-1616R-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 16 | 16 | 17.3 | 120 | 26 | MX-22-2R .. |
| | G3051-1616L-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 16 | 16 | 17.3 | 120 | 26 | MX-22-2L .. |

Square shank

Dimensional drawing shows right-hand version.

$$f_1 = f - s/2$$

Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS2572 (T10IP) |

Accessories

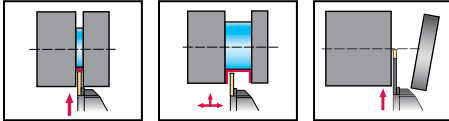
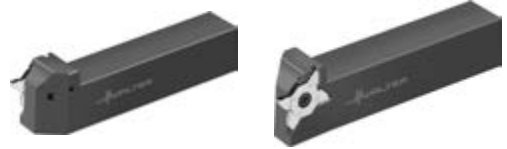
| | s [mm] | 0.5–3.25 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool 3° – Radial grooving

G3051...-P

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool

| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | Type |
|----------------------|----------|-------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|-------------|
| G3051-2020R-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 21.3 | 125 | 26 | MX-22-2R .. |
| G3051-2525R-MX22-2-P | | | 6 | 25 | 25 | 26.3 | 125 | 26 | |
| G3051-2020L-MX22-2-P | 0.5–3.25 | 0.020-0.128 | 6 | 20 | 20 | 21.3 | 125 | 26 | MX-22-2L .. |
| G3051-2525L-MX22-2-P | | | 6 | 25 | 25 | 26.3 | 125 | 26 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

The maximum recommended coolant pressure is 150 bar (2175 psi)

When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS2572 (T10IP) |

Accessories

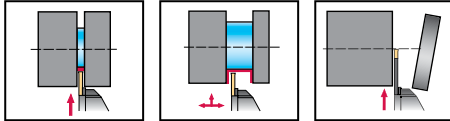
| | s [mm] | 0.5–3.25 |
|--|------------------------------|----------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |

Shank tool 3° – Radial grooving

G3051...-P inch

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool

| | Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | Type |
|--|--------------------|----------|-------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|-------------|
| | G3051.10R-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 0.625 | 0.625 | 0.678 | 4.724 | 1.024 | MX-22-2R .. |
| | G3051.10L-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 0.625 | 0.625 | 0.678 | 4.724 | 1.024 | MX-22-2L .. |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Maximum cutting depth T_{max} – see cutting inserts

The maximum recommended coolant pressure is 150 bar (2175 psi)

When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.020–0.128 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 44 in lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS2572 (T10IP) |

Accessories

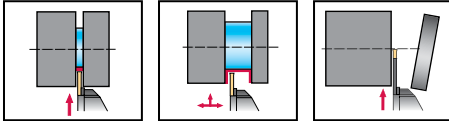
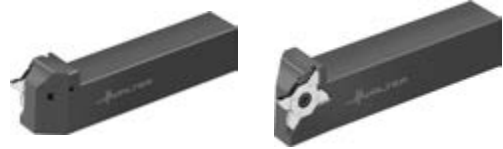
| | s [inch] | 0.020–0.128 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool 3° – Radial grooving

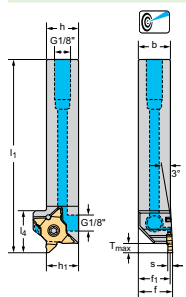
G3051...-P inch

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | Type |
|--------------------|----------|-------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|-------------|
| G3051.12R-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 0.750 | 0.750 | 0.803 | 5.906 | 1.024 | MX-22-2R .. |
| G3051.16R-MX22-2-P | | | 0.236 | 1.000 | 1.000 | 1.053 | 5.906 | 1.024 | |
| G3051.12L-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 0.236 | 0.750 | 0.750 | 0.803 | 5.906 | 1.024 | MX-22-2L .. |
| G3051.16L-MX22-2-P | | | 0.236 | 1.000 | 1.000 | 1.053 | 5.906 | 1.024 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

The maximum recommended coolant pressure is 150 bar (2175 psi)

When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.020–0.128 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2570 (T20IP) 44 in lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS2572 (T10IP) |

Accessories

| | s [inch] | 0.020–0.128 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

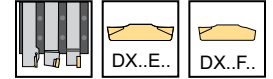
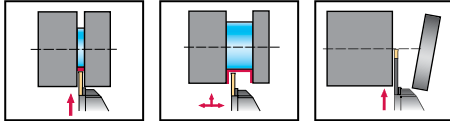
Shank tool – Radial grooving

G4014

Walter Cut



– Side screw clamping



Tool

| Designation | | s mm | s mmch | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | h ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|----------------------------|
| <p>Square shank</p> | G4014-1010R-1T12DX18 | 1 | 0.039 | 25 | 10 | 10 | 9.6 | 110 | 4 | 23 | 0.8 | DX18-1E1 .. |
| | G4014-1212R-1T12DX18 | | | 25 | 12 | 12 | 11.6 | 110 | 3 | 22.3 | 0.8 | |
| | G4014-1010R-1.5T10DX18 | 1.5 | 0.059 | 20 | 10 | 10 | 9.4 | 110 | 4 | 22 | 1.2 | DX18-1E1.5 .. |
| | G4014-1212R-1.5T12DX18 | | | 25 | 12 | 12 | 11.4 | 110 | 3 | 22.3 | 1.2 | |
| | G4014-1616R-1.5T12DX18 | 2 | 0.079 | 25 | 16 | 16 | 15.4 | 120 | 4 | 24 | 1.2 | DX18-2E2 .. |
| | G4014-1010R-2T10DX18 | | | 20 | 10 | 10 | 9.2 | 110 | 4 | 22 | 1.6 | |
| | G4014-1212R-2T12DX18 | | | 25 | 12 | 12 | 11.2 | 110 | 3 | 22.3 | 1.6 | |
| | G4014-1616R-2T12DX18 | | | 25 | 16 | 16 | 15.2 | 120 | 4 | 24 | 1.6 | |
| | G4014-1616R-2T17DX18 | | | 35 | 16 | 16 | 15.2 | 120 | 4 | 30 | 1.6 | |
| | G4014-2020R-2T17DX18 | | | 35 | 20 | 20 | 19.2 | 120 | 3 | 30 | 1.6 | |
| | G4014-1212R-3T12DX18 | 3 | 0.118 | 25 | 12 | 12 | 10.8 | 110 | 3 | 22.3 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| | G4014-1616R-3T17DX18 | | | 35 | 16 | 16 | 14.8 | 120 | 4 | 30 | 2.4 | |
| G4014-2020R-3T17DX18 | 35 | | | 20 | 20 | 18.8 | 120 | 3 | 30 | 2.4 | | |
| G4014-1010L-1T12DX18 | 1 | 0.039 | 25 | 10 | 10 | 9.6 | 110 | 4 | 23 | 0.8 | DX18-1E1 .. | |
| G4014-1212L-1T12DX18 | | | 25 | 12 | 12 | 11.6 | 110 | 3 | 22.3 | 0.8 | | |
| G4014-1010L-1.5T10DX18 | 1.5 | 0.059 | 20 | 10 | 10 | 9.4 | 110 | 4 | 22 | 1.2 | DX18-1E1.5 .. | |
| G4014-1212L-1.5T12DX18 | | | 25 | 12 | 12 | 11.4 | 110 | 3 | 22.3 | 1.2 | | |
| G4014-1616L-1.5T12DX18 | 2 | 0.079 | 25 | 16 | 16 | 15.4 | 120 | 4 | 24 | 1.2 | DX18-2E2 .. | |
| G4014-1010L-2T10DX18 | | | 20 | 10 | 10 | 9.2 | 110 | 4 | 22 | 1.6 | | |
| G4014-1212L-2T12DX18 | | | 25 | 12 | 12 | 11.2 | 110 | 3 | 22.3 | 1.6 | | |
| G4014-1616L-2T12DX18 | | | 25 | 16 | 16 | 15.2 | 120 | 4 | 24 | 1.6 | | |
| G4014-1616L-2T17DX18 | | | 35 | 16 | 16 | 15.2 | 120 | 4 | 30 | 1.6 | | |
| G4014-2020L-2T17DX18 | | | 35 | 20 | 20 | 19.2 | 120 | 3 | 30 | 1.6 | | |
| G4014-1212L-3T12DX18 | 3 | 0.118 | 25 | 12 | 12 | 10.8 | 110 | 3 | 22.3 | 2.4 | DX18-3E3 .. DX18-3F3 .. | |
| G4014-1616L-3T17DX18 | | | 35 | 16 | 16 | 14.8 | 120 | 4 | 30 | 2.4 | | |
| G4014-2020L-3T17DX18 | | | 35 | 20 | 20 | 18.8 | 120 | 3 | 30 | 2.4 | | |

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 1–3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2586 (T15IP) 2 Nm |
| | Screw plug | FS2589 |
| | Torx key | FS1465 (T15IP) |

Accessories

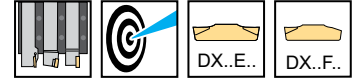
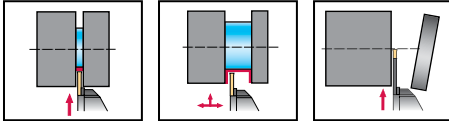
| | s [mm] | 1–3 |
|--|------------------------------|----------------|
| | Torque screwdriver. analogue | FS2003 |
| | Interchangeable blade | FS2014 (T15IP) |
| | Torque screwdriver. digital | FS2248 |

Shank tool – Radial grooving

G4014...-P

Walter Cut

- Side screw clamping
- Precision cooling



Tool

| Designation | s mm | s mmch | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | Type |
|--------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4014-1212R-2T12DX18-P | 2 | 0.079 | 25 | 12 | 12 | 11.2 | 110 | 3 | 22.3 | 1.6 | DX18-2E2 .. |
| G4014-1212R-2.5T12DX18-P | 2.5 | 0.098 | 25 | 12 | 12 | 11 | 110 | 3 | 22.3 | 2.1 | DX18-2E2,5 .. |
| G4014-1212R-3T12DX18-P | 3 | 0.118 | 25 | 12 | 12 | 10.8 | 110 | 3 | 22.3 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4014-1212L-2T12DX18-P | 2 | 0.079 | 25 | 12 | 12 | 11.2 | 110 | 3 | 22.3 | 1.6 | DX18-2E2 .. |
| G4014-1212L-2.5T12DX18-P | 2.5 | 0.098 | 25 | 12 | 12 | 11 | 110 | 3 | 22.3 | 2.1 | DX18-2E2,5 .. |
| G4014-1212L-3T12DX18-P | 3 | 0.118 | 25 | 12 | 12 | 10.8 | 110 | 3 | 22.3 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

The maximum recommended coolant pressure is 150 bar (2175 psi)

$$f = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2586 (T15IP) 2 Nm |
| | Screw plug | FS2589 |
| | M8X1 threaded plug | FS2587 (SW 4) |
| | Torx key | FS1465 (T15IP) |

Accessories

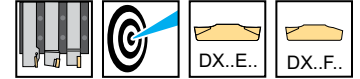
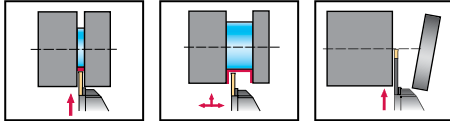
| | s [mm] | 2-3 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Interchangeable blade | FS2014 (T15IP) |
| | M8x1 angle connection | FS2596 |
| | M8x1 connection element | FS2597 |
| | Copper gasket | FS2598 |
| | Torque screwdriver, digital | FS2248 |

Shank tool – Radial grooving

G4014...-P

Walter Cut

- Side screw clamping
- Precision cooling



Tool

| | Designation | s mm | s mmch | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | Type |
|--|--------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| | G4014-1616R-2T12DX18-P | 2 | 0.079 | 25 | 16 | 16 | 15.2 | 120 | 4 | 24 | 1.6 | DX18-2E2 .. |
| | G4014-1616R-2T17DX18-P | | | 35 | 16 | 16 | 15.2 | 120 | 4 | 30 | 1.6 | |
| | G4014-1616R-2.5T17DX18-P | 2.5 | 0.098 | 35 | 16 | 16 | 15 | 120 | 4 | 30 | 2.1 | DX18-2E2.5 .. |
| | G4014-1616R-3T17DX18-P | 3 | 0.118 | 35 | 16 | 16 | 14.8 | 120 | 4 | 30 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| | G4014-1616L-2T12DX18-P | 2 | 0.079 | 25 | 16 | 16 | 15.2 | 120 | 4 | 24 | 1.6 | DX18-2E2 .. |
| | G4014-1616L-2T17DX18-P | | | 35 | 16 | 16 | 15.2 | 120 | 4 | 30 | 1.6 | |
| | G4014-1616L-2.5T17DX18-P | 2.5 | 0.098 | 35 | 16 | 16 | 15 | 120 | 4 | 30 | 2.1 | DX18-2E2.5 .. |
| | G4014-1616L-3T17DX18-P | 3 | 0.118 | 35 | 16 | 16 | 14.8 | 120 | 4 | 30 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

$$f = f_1 + s/2$$

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2585 (T15IP) 3 Nm |
| | Screw plug | FS2589 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS1465 (T15IP) |

Accessories

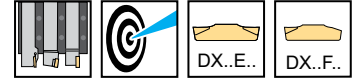
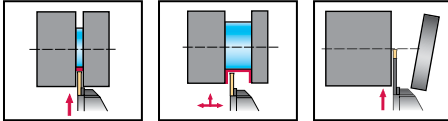
| | s [mm] | 2-3 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Interchangeable blade | FS2014 (T15IP) |
| | Torque screwdriver, digital | FS2248 |

Shank tool – Radial grooving

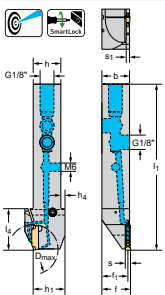
G4014...-P

Walter Cut

- Side screw clamping
- Precision cooling



Tool



| Designation | s mm | s mmch | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4014-2020R-2T17DX18-P | 2 | 0.079 | 35 | 20 | 20 | 19.2 | 120 | 3 | 30 | 1.6 | DX18-2E2 .. |
| G4014-2020R-3T17DX18-P | 3 | 0.118 | 35 | 20 | 20 | 18.8 | 120 | 3 | 30 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4014-2020L-2T17DX18-P | 2 | 0.079 | 35 | 20 | 20 | 19.2 | 120 | 3 | 30 | 1.6 | DX18-2E2 .. |
| G4014-2020L-3T17DX18-P | 3 | 0.118 | 35 | 20 | 20 | 18.8 | 120 | 3 | 30 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

$$f = f_1 + s/2$$

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2585 (T15IP) 3 Nm |
| | Screw plug | FS2589 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1465 (T15IP) |

Accessories

| | s [mm] | 2-3 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Interchangeable blade | FS2014 (T15IP) |
| | Torque screwdriver, digital | FS2248 |

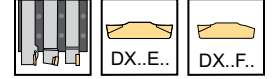
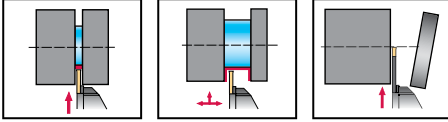
Shank tool – Radial grooving

G4014 inch

Walter Cut



– Side screw clamping



Tool

| | | Designation | s mm | s inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | h ₄ inch | l ₄ inch | s ₁ inch | Type |
|--|--|----------------------|---------|-----------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| | | G4014.08R-1.5T12DX18 | 1.5 | 0.059 | 0.984 | 0.500 | 0.500 | 0.476 | 4.331 | 0.091 | 0.878 | 0.047 | DX18-1E1.5 .. |
| | | G4014.08L-1.5T12DX18 | 1.5 | 0.059 | 0.984 | 0.500 | 0.500 | 0.476 | 4.331 | 0.091 | 0.878 | 0.047 | DX18-1E1.5 .. |
| | | G4014.10L-3T17DX18 | 3 | 0.118 | 1.378 | 0.625 | 0.625 | 0.579 | 4.724 | 0.161 | 1.181 | 0.094 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | s [inch] | 0.06 | 0.12 |
|--|---|----------|-----------------------------|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | | FS2586 (T15IP) 18 in lbs | FS2585 (T15IP) 27 in lbs |
| | Screw plug | | FS2589 | FS2589 |
| | Torx key | | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

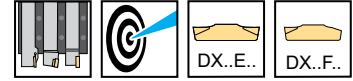
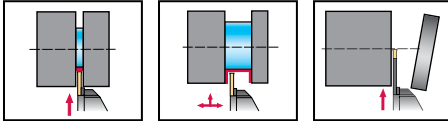
| | | s [inch] | 0.06–0.12 |
|--|------------------------------|----------|----------------|
| | Torque screwdriver, analogue | | FS2003 |
| | Interchangeable blade | | FS2014 (T15IP) |
| | Torque screwdriver, digital | | FS2248 |

Shank tool – Radial grooving

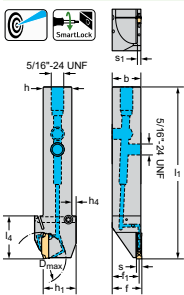
G4014...-P **inch**

Walter Cut

- Side screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | h ₄ inch | l ₄ inch | s ₁ inch | Type |
|----------------------|---------|-----------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G4014.08R-2T12DX18-P | 2 | 0.079 | 0.984 | 0.500 | 0.500 | 0.469 | 4.331 | 0.091 | 0.878 | 0.063 | DX18-2E2 .. |
| G4014.08R-3T12DX18-P | 3 | 0.118 | 0.984 | 0.500 | 0.500 | 0.453 | 4.331 | 0.091 | 0.878 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| G4014.08L-2T12DX18-P | 2 | 0.079 | 0.984 | 0.500 | 0.500 | 0.469 | 4.331 | 0.091 | 0.878 | 0.063 | DX18-2E2 .. |
| G4014.08L-3T12DX18-P | 3 | 0.118 | 0.984 | 0.500 | 0.500 | 0.453 | 4.331 | 0.091 | 0.878 | 0.094 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

The maximum recommended coolant pressure is 150 bar (2175 psi)

$$f = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.08–0.12 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2586 (T15IP) 18 in lbs |
| | Screw plug | FS2589 |
| | UNF 5/16-24 threaded plug | FS2593 (SW 4) |
| | Torx key | FS1465 (T15IP) |

Accessories

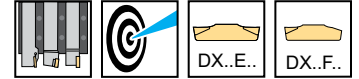
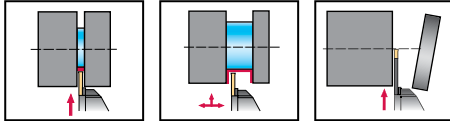
| | s [inch] | 0.08–0.12 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Interchangeable blade | FS2014 (T15IP) |
| | 5/16" UNF angle connection | FS2594 |
| | 5/16" UNF connection element | FS2595 |
| | Copper gasket | FS2598 |
| | Torque screwdriver, digital | FS2248 |

Shank tool – Radial grooving

G4014...-P inch

Walter Cut

- Side screw clamping
- Precision cooling



Tool

| | | s | s | D _{max} | h = h ₁ | b | f ₁ | l ₁ | h ₄ | l ₄ | s ₁ | Type |
|----------------------|----------------------|----|-------|------------------|--------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------------------|
| | | mm | inch | inch | inch | inch | inch | inch | inch | inch | inch | |
| | Designation | | | | | | | | | | | |
| | G4014.10R-2T17DX18-P | 2 | 0.079 | 1.378 | 0.625 | 0.625 | 0.594 | 4.724 | 0.161 | 1.181 | 0.063 | DX18-2E2 .. |
| | G4014.12R-2T17DX18-P | | | 1.378 | 0.750 | 0.750 | 0.717 | 4.724 | 0.118 | 1.181 | 0.063 | |
| | G4014.10R-3T17DX18-P | 3 | 0.118 | 1.378 | 0.625 | 0.625 | 0.579 | 4.724 | 0.161 | 1.181 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| | G4014.12R-3T17DX18-P | | | 1.378 | 0.750 | 0.750 | 0.701 | 4.724 | 0.118 | 1.181 | 0.094 | |
| | G4014.10L-2T17DX18-P | 2 | 0.079 | 1.378 | 0.625 | 0.625 | 0.594 | 4.724 | 0.161 | 1.181 | 0.063 | DX18-2E2 .. |
| | G4014.12L-2T17DX18-P | | | 1.378 | 0.750 | 0.750 | 0.717 | 4.724 | 0.118 | 1.181 | 0.063 | |
| | G4014.10L-3T17DX18-P | 3 | 0.118 | 1.378 | 0.625 | 0.625 | 0.579 | 4.724 | 0.161 | 1.181 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| G4014.12L-3T17DX18-P | | | 1.378 | 0.750 | 0.750 | 0.701 | 4.724 | 0.118 | 1.181 | 0.094 | | |

Square shank

Dimensional drawing shows right-hand version.

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

$$f = f_1 + s/2$$

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.08–0.12 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2585 (T15IP) 27 in lbs |
| | Screw plug | FS2589 |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Torx key | FS1465 (T15IP) |

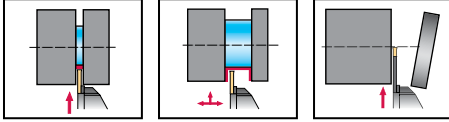
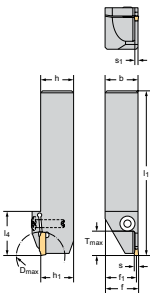
Accessories

| | s [inch] | 0.08–0.12 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Interchangeable blade | FS2014 (T15IP) |
| | Torque screwdriver, digital | FS2248 |

Shank tool – Radial grooving

G4011
Walter Cut


– Screw clamping


Tool


| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4011-2525R-2T17DX18 | 2 | 0.079 | 17 | 35 | 25 | 25 | 24.2 | 125 | 33.5 | 1.6 | DX18-2E2 .. |
| G4011-2525R-2.5T17DX18 | 2.5 | 0.098 | 17 | 35 | 25 | 25 | 24 | 125 | 33.5 | 2.1 | DX18-2E2.5 .. |
| G4011-2525R-3T17DX18 | 3 | 0.118 | 17 | 35 | 25 | 25 | 23.8 | 125 | 33.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4011-2525L-2T17DX18 | 2 | 0.079 | 17 | 35 | 25 | 25 | 24.2 | 125 | 33.5 | 1.6 | DX18-2E2 .. |
| G4011-2525L-2.5T17DX18 | 2.5 | 0.098 | 17 | 35 | 25 | 25 | 24 | 125 | 33.5 | 2.1 | DX18-2E2.5 .. |
| G4011-2525L-3T17DX18 | 3 | 0.118 | 17 | 35 | 25 | 25 | 23.8 | 125 | 33.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

$$F = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Torx key | FS1464 (T20IP) |

Accessories

| | s [mm] | 2-3 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

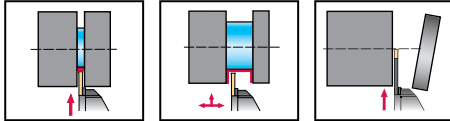
Shank tool – Radial grooving

G4011

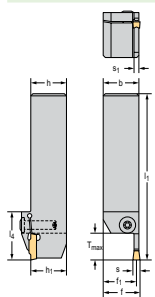
Walter Cut



– Screw clamping



Tool



Square shank

| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | h ₁ mm | l ₄ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4011-2020R-2T10DX18 | 2 | 0.079 | 10 | 20 | 20 | 19.2 | 125 | 33.5 | 1.6 | DX18-2E2 .. |
| G4011-2525R-2T10DX18 | | | 10 | 25 | 25 | 24.2 | 125 | 28 | 1.6 | |
| G4011-1616R-3T10DX18 | 3 | 0.118 | 10 | 16 | 16 | 14.3 | 125 | 33.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4011-2020R-3T10DX18 | | | 10 | 20 | 20 | 18.8 | 125 | 33.5 | 2.4 | |
| G4011-2525R-3T10DX18 | | | 10 | 25 | 25 | 23.8 | 125 | 28 | 2.4 | |
| G4011-1616R-4T10DX18 | 4 | 0.157 | 10 | 16 | 16 | 14.8 | 125 | 33.5 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| G4011-2020R-4T10DX18 | | | 10 | 20 | 20 | 18.3 | 125 | 33.5 | 3.4 | |
| G4011-2020R-4T17DX18 | | | 17 | 20 | 20 | 18.3 | 125 | 33.5 | 3.4 | |
| G4011-2525R-4T10DX18 | | | 10 | 25 | 25 | 23.2 | 125 | 33.5 | 3.4 | |
| G4011-2525R-4T17DX18 | | | 17 | 25 | 25 | 23.2 | 125 | 33.5 | 3.4 | |
| G4011-2020L-2T10DX18 | 2 | 0.079 | 10 | 20 | 20 | 19.2 | 125 | 33.5 | 1.6 | DX18-2E2 .. |
| G4011-2525L-2T10DX18 | | | 10 | 25 | 25 | 24.2 | 125 | 28 | 1.6 | |
| G4011-2020L-3T10DX18 | 3 | 0.118 | 10 | 20 | 20 | 18.8 | 125 | 33.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4011-2525L-3T10DX18 | | | 10 | 25 | 25 | 23.8 | 125 | 28 | 2.4 | |
| G4011-2020L-4T10DX18 | 4 | 0.157 | 10 | 20 | 20 | 18.3 | 125 | 33.5 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| G4011-2020L-4T17DX18 | | | 17 | 20 | 20 | 18.3 | 125 | 33.5 | 3.4 | |
| G4011-2525L-4T10DX18 | | | 10 | 25 | 25 | 23.2 | 125 | 33.5 | 3.4 | |
| G4011-2525L-4T17DX18 | | | 17 | 25 | 25 | 23.2 | 125 | 33.5 | 3.4 | |

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | $f = f_1 + s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | If no D_2 or D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2–4 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

Accessories

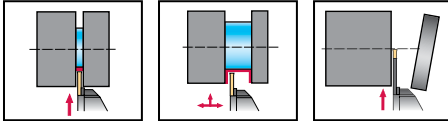
| | s [mm] | 2–4 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

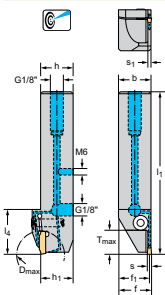
G4011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|--------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4011-2525R-2T17DX18-P | 2 | 0.079 | 17 | 35 | 25 | 25 | 24.2 | 125 | 33.5 | 1.6 | DX18-2E2 .. |
| G4011-2525R-2.5T17DX18-P | 2.5 | 0.098 | 17 | 35 | 25 | 25 | 24 | 125 | 33.5 | 2.1 | DX18-2E2.5 .. |
| G4011-2525R-3T17DX18-P | 3 | 0.118 | 17 | 35 | 25 | 25 | 23.8 | 125 | 33.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4011-2525L-2T17DX18-P | 2 | 0.079 | 17 | 35 | 25 | 25 | 24.2 | 125 | 33.5 | 1.6 | DX18-2E2 .. |
| G4011-2525L-2.5T17DX18-P | 2.5 | 0.098 | 17 | 35 | 25 | 25 | 24 | 125 | 33.5 | 2.1 | DX18-2E2.5 .. |
| G4011-2525L-3T17DX18-P | 3 | 0.118 | 17 | 35 | 25 | 25 | 23.8 | 125 | 33.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1464 (T20IP) |

Accessories

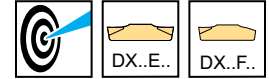
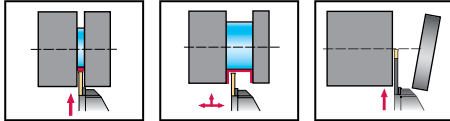
| | s [mm] | 2-3 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

G4011...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool

| | | s | s | T _{max} | D _{max} | h = h ₁ | b | f ₁ | l ₁ | l ₄ | s ₁ | Type |
|--|------------------------|----|-------|------------------|------------------|--------------------|----|----------------|----------------|----------------|----------------|----------------------------|
| | | mm | inch | mm | mm | mm | mm | mm | mm | mm | mm | |
| | Designation | | | | | | | | | | | |
| | G4011-2020R-4T17DX18-P | 4 | 0.157 | 17 | | 20 | 20 | 18.3 | 125 | 33.5 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| | G4011-2525R-4T17DX18-P | | | 17 | | 25 | 25 | 23.3 | 125 | 33.5 | 3.4 | |
| | G4011-2020L-4T17DX18-P | 4 | 0.157 | 17 | | 20 | 20 | 18.3 | 125 | 33.5 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| | G4011-2525L-4T17DX18-P | | | 17 | | 25 | 25 | 23.3 | 125 | 33.5 | 3.4 | |

Square shank

Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 150 bar (2175 psi)

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.
Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | s [mm] | 4 |
|--|---|--------|------------------------|
| | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 5 Nm |
| | G 1/8" threaded plug | | FS2258 (SW 2) |
| | Torx key | | FS1464 (T20IP) |

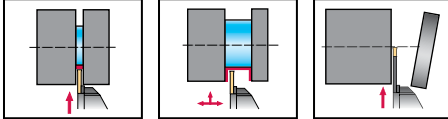
Accessories

| | | s [mm] | 4 |
|--|------------------------------|--------|----------------|
| | Torque screwdriver, analogue | | FS2003 |
| | Torque screwdriver, digital | | FS2248 |
| | Interchangeable blade | | FS2015 (T20IP) |

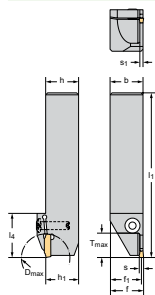
Shank tool – Radial grooving

G4011 inch
Walter Cut


– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|--------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G4011.16R-3T17DX18 | 3 | 0.118 | 0.669 | 1.378 | 1.000 | 1.000 | 0.953 | 4.921 | 1.319 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| G4011.16L-3T17DX18 | 3 | 0.118 | 0.669 | 1.378 | 1.000 | 1.000 | 0.953 | 4.921 | 1.319 | 0.094 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.

$$F = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.12 |
|---|----------|-----------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 44 in lbs |
| Torx key | | FS1464 (T20IP) |

Accessories

| | s [inch] | 0.12 |
|------------------------------|----------|----------------|
| Torque screwdriver, analogue | | FS2004 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2015 (T20IP) |

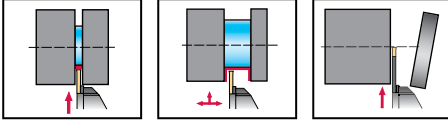
Shank tool – Radial grooving

G4011 inch

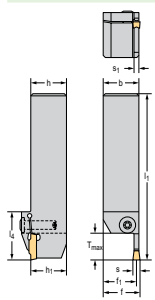
Walter Cut



– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|--------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G4011.12R-2T10DX18 | 2 | 0.079 | 0.394 | | 0.750 | 0.750 | 0.717 | 4.921 | 1.102 | 0.063 | DX18-2E2 .. |
| G4011.16R-2T10DX18 | | | 0.394 | | 1.000 | 1.000 | 0.969 | 4.921 | 1.102 | 0.063 | |
| G4011.16R-3T10DX18 | 3 | 0.118 | 0.394 | | 1.000 | 1.000 | 0.953 | 4.921 | 1.102 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| G4011.12R-4T17DX18 | 4 | 0.157 | 0.669 | | 0.750 | 0.750 | 0.685 | 4.921 | 1.319 | 0.134 | DX18-4E4 .. DX18-4F4 .. |
| G4011.16R-4T17DX18 | | | 0.669 | | 1.000 | 1.000 | 0.933 | 4.921 | 1.319 | 0.134 | |
| G4011.16L-2T10DX18 | 2 | 0.079 | 0.394 | | 1.000 | 1.000 | 0.969 | 4.921 | 1.102 | 0.063 | DX18-2E2 .. |
| G4011.16L-3T10DX18 | 3 | 0.118 | 0.394 | | 1.000 | 1.000 | 0.953 | 4.921 | 1.102 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| G4011.12L-4T17DX18 | 4 | 0.157 | 0.669 | | 0.750 | 0.750 | 0.685 | 4.921 | 1.319 | 0.134 | DX18-4E4 .. DX18-4F4 .. |
| G4011.16L-4T17DX18 | | | 0.669 | | 1.000 | 1.000 | 0.933 | 4.921 | 1.319 | 0.134 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.08–0.16 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 44 in lbs |
| | Torx key | FS1464 (T20IP) |

Accessories

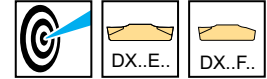
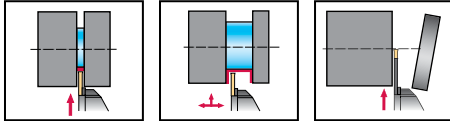
| | s [inch] | 0.08–0.16 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

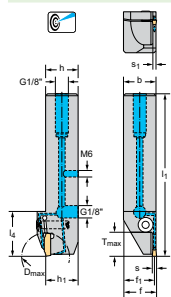
G4011...-P **inch**

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G4011.16R-2T17DX18-P | 2 | 0.079 | 0.669 | 1.378 | 1.000 | 1.000 | 0.969 | 4.921 | 1.319 | 0.063 | DX18-2E2 .. |
| G4011.16R-3T17DX18-P | 3 | 0.118 | 0.669 | 1.378 | 1.000 | 1.000 | 0.953 | 4.921 | 1.319 | 0.094 | DX18-3E3 .. DX18-3F3 .. |
| G4011.16L-2T17DX18-P | 2 | 0.079 | 0.669 | 1.378 | 1.000 | 1.000 | 0.969 | 4.921 | 1.319 | 0.063 | DX18-2E2 .. |
| G4011.16L-3T17DX18-P | 3 | 0.118 | 0.669 | 1.378 | 1.000 | 1.000 | 0.953 | 4.921 | 1.319 | 0.094 | DX18-3E3 .. DX18-3F3 .. |

Square shank

Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.08–0.12 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 44 in lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1464 (T20IP) |

Accessories

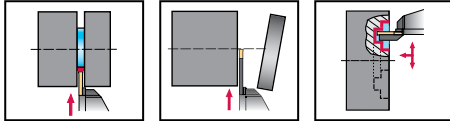
| | s [inch] | 0.08–0.12 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Universal

G4511

Walter Cut

- Screw clamping
- Different grooving widths fit in one tool



| Tool | | Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | Type |
|------|--|--------------------|---------|-----------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|------------------------------|
| | | G4511-1212R-T5DX18 | 2-6 | 0.079- 0.236 | 5 | 12 | 12 | 9.4 | 120 | 31.5 | DX18- . E .. DX18- . F .. |
| | | G4511-1616R-T5DX18 | | | 5 | 16 | 16 | 13.4 | 120 | 29 | |
| | | G4511-2020R-T5DX18 | | | 5 | 20 | 20 | 17.4 | 120 | 29 | |
| | | G4511-2525R-T5DX18 | | | 5 | 25 | 25 | 22.4 | 125 | 29 | |
| | | G4511-2020L-T5DX18 | 2-6 | 0.079- 0.236 | 5 | 20 | 20 | 17.4 | 120 | 29 | DX18- . E .. DX18- . F .. |
| | | G4511-2525L-T5DX18 | | | 5 | 25 | 25 | 22.4 | 125 | 29 | |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | 2-6 |
|----------------|---|--------|------------------------|
| | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 5 Nm |
| | Torx key | | FS1464 (T20IP) |
| Accessories | | s [mm] | 2-6 |
| | Torque screwdriver, analogue | | FS2003 |
| | Torque screwdriver, digital | | FS2248 |
| | Interchangeable blade | | FS2015 (T20IP) |

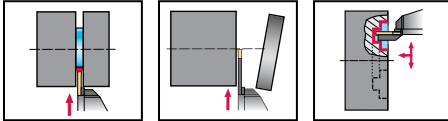
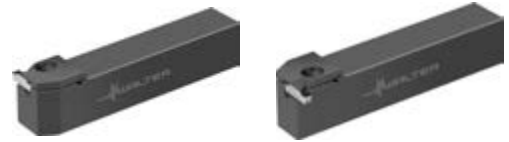
A2

Shank tool – 90° universal

G4521

Walter Cut

- Screw clamping
- Different grooving widths fit in one tool



Tool

| | | Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f mm | l ₄ mm | l ₂₁ mm | Type |
|--|--|--------------------|---------|-------------|------------------------|--------------------------|---------|---------|----------------------|-----------------------|--------------|
| | | G4521-2020R-T5DX18 | 2-6 | 0.079-0.236 | 5 | 20 | 20 | 25.5 | 27 | 117.4 | DX18- . E .. |
| | | G4521-2525R-T5DX18 | | | 5 | 25 | 25 | 30.5 | 27 | 122.4 | DX18- . F .. |
| | | G4521-2020L-T5DX18 | 2-6 | 0.079-0.236 | 5 | 20 | 20 | 25.5 | 27 | 117.4 | DX18- . E .. |
| | | G4521-2525L-T5DX18 | | | 5 | 25 | 25 | 30.5 | 27 | 122.4 | DX18- . F .. |

Square shank

Dimensional drawing shows right-hand version.

$$l_1 = l_{21} + s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-6 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Torx key | FS1464 (T20IP) |

Accessories

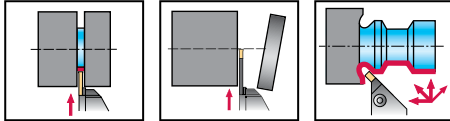
| | s [mm] | 2-6 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – 45° universal

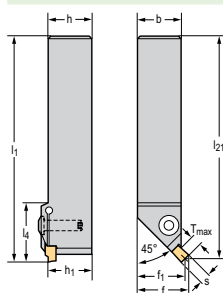
G4551

Walter Cut

- Screw clamping
- Different grooving widths fit in one tool



Tool



| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₂₁ mm | l ₄ mm | Type |
|--------------------|---------|-----------------|------------------------|--------------------------|---------|----------------------|-----------------------|----------------------|------------------------------|
| G4551-2020R-T5DX18 | 2-6 | 0.079- 0.236 | 5 | 20 | 20 | 22.3 | 127.5 | 32 | DX18- . E .. DX18- . F .. |
| G4551-2525R-T5DX18 | | | 5 | 25 | 25 | 27.3 | 127.5 | 32 | |
| G4551-2525L-T5DX18 | 2-6 | 0.079- 0.236 | 5 | 25 | 25 | 27.3 | 127.5 | 32 | DX18- . E .. DX18- . F .. |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + 0.707 \times s/2$$

$$l_1 = l_{21} + 0.707 \times s/2$$

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-6 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Torx key | FS1464 (T20IP) |

Accessories

| | s [mm] | 2-6 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

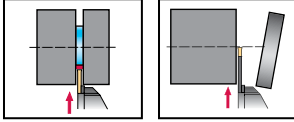
Deep parting blade

 G4042...N

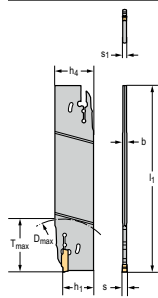
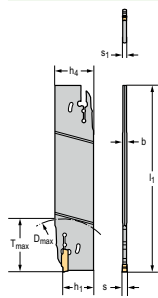
Walter Cut



– Self-clamping system



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | b mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------------|----------------------------|
| G4042-26N-1.5T17DX18 | 1.5 | 0.059 | 17 | 35 | 26 | 3.5 | 130 | 17.4 | 1.2 | DX18-1E1.5 .. |
| G4042-26N-2T25DX18 | 2 | 0.079 | 25 | 50 | 26 | 3.5 | 130 | 17.4 | 1.6 | DX18-2E2 .. |
| G4042-26N-3T40DX18 | 3 | 0.118 | 40 | 80 | 26 | 3.5 | 130 | 17.3 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4042-26N-4T40DX18 | 4 | 0.157 | 40 | 80 | 26 | 3.5 | 130 | 17.2 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| G4042-32N-1.5T17DX18 | 1.5 | 0.059 | 17 | 35 | 32 | 3.5 | 150 | 21.1 | 1.2 | DX18-1E1.5 .. |
| G4042-32N-2T25DX18 | 2 | 0.079 | 25 | 50 | 32 | 3.5 | 150 | 21.1 | 1.6 | DX18-2E2 .. |
| G4042-32N-3T40DX18 | 3 | 0.118 | 40 | 80 | 32 | 3.5 | 150 | 21 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4042-32N-4T40DX18 | 4 | 0.157 | 40 | 80 | 32 | 3.5 | 150 | 20.9 | 3.4 | DX18-4E4 .. DX18-4F4 .. |

 Refer to the Walter online catalog for more product information: www.walter-tools.com

Accessories

| | s [mm] | 1.5–4 |
|--|-------------------------------------|--------|
| | Mounting wrench for grooving insert | FS1494 |

Deep parting blade

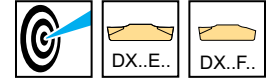
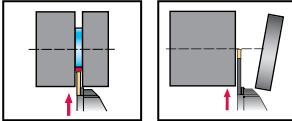
G4042...N...-P


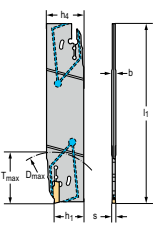

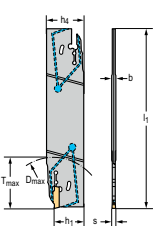
Walter Cut

- Self-clamping system
- Precision cooling


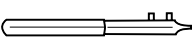


A2



| Tool | | | | | | | | | | | |
|--|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------------|----------------------------|--|
| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | b mm | l ₁ mm | h ₁ mm | s ₁ mm | Type | |
|   G4042-26N-3T40DX18-P | 3 | 0.118 | 40 | 80 | 26 | 3.5 | 130 | 17.3 | 2.4 | DX18-3E3 .. DX18-3F3 .. | |
|   G4042-32N-3T40DX18-P | 3 | 0.118 | 40 | 80 | 32 | 3.5 | 150 | 21 | 2.4 | DX18-3E3 .. DX18-3F3 .. | |

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | |
|--|--------|
| s [mm] | 3 |
|  Coolant transfer insert | FS2282 |
| Accessories | |
| s [mm] | 3 |
|  Mounting wrench for grooving insert | FS1494 |

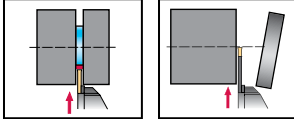
Reinforced parting blade

G4041

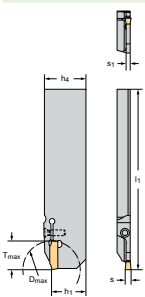
Walter Cut



– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4041-26R-1.5T17DX18 | 1.5 | 0.059 | 17 | 35 | 26 | 110 | 21.3 | 1.2 | DX18-1E1.5 .. |
| G4041-26R-2T17DX18 | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-32R-2T21DX18 | | | 21 | 42 | 32 | 110 | 25 | 2.5 | |
| G4041-26R-3T17DX18 | 3 | 0.118 | 17 | 35 | 26 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |
| G4041-26L-1.5T17DX18 | 1.5 | 0.059 | 17 | 35 | 26 | 110 | 21.3 | 1.2 | DX18-1E1.5 .. |
| G4041-26L-2T17DX18 | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-26L-3T17DX18 | 3 | 0.118 | 17 | 35 | 26 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 1.5–3 |
|--|---|--------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2164 (T15IP) 3.5 Nm |

Accessories

| | s [mm] | 1.5–3 |
|--|---------------------------------|----------------|
| | Screwdriver for grooving insert | FS1485 (T15IP) |
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2014 (T15IP) |

Reinforced parting blade

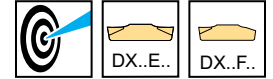
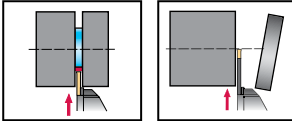
G4041...-P

Walter Cut

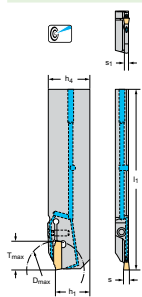
- Screw clamping
- Precision cooling



A2




Tool



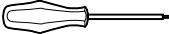

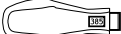

| Designation | s mm | | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|----------------------|---------|-------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4041-26R-2T17DX18-P | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-26R-3T17DX18-P | 3 | 0.118 | 17 | 35 | 26 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |
| G4041-26L-2T17DX18-P | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-32L-2T21DX18-P | | | 21 | 42 | 32 | 110 | 25 | 1.6 | |
| G4041-26L-3T17DX18-P | 3 | 0.118 | 17 | 35 | 26 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|---|---|--------------------------|
|  | Clamping screw for grooving insert Tightening torque | FS2164 (T15IP) 3.5 Nm |

Accessories

| | s [mm] | 2-3 |
|---|---------------------------------|----------------|
|  | Screwdriver for grooving insert | FS1485 (T15IP) |
|  | Torque screwdriver, analog | FS2003 |
|  | Torque screwdriver, digital | FS2248 |
|  | Interchangeable blade | FS2014 (T15IP) |

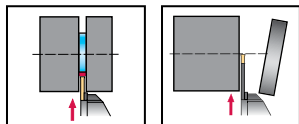
Reinforced parting blade – Contra

 G4041...C

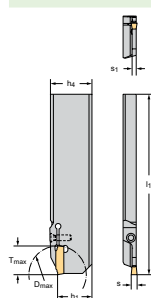
Walter Cut



– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|-----------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4041-26R-1.5T17DX18C | 1.5 | 0.059 | 17 | 35 | 26 | 110 | 21.3 | 1.2 | DX18-1E1.5 .. |
| G4041-26R-2T17DX18C | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-32R-2T21DX18C | | | 21 | 42 | 32 | 110 | 25 | 1.6 | |
| G4041-26R-3T17DX18C | 3 | 0.118 | 17 | 35 | 26 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |
| G4041-26L-1.5T17DX18C | 1.5 | 0.059 | 17 | 35 | 26 | 110 | 21.3 | 1.2 | DX18-1E1.5 .. |
| G4041-26L-2T17DX18C | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-32L-2T21DX18C | | | 21 | 42 | 32 | 110 | 25 | 1.6 | |
| G4041-26L-3T17DX18C | 3 | 0.118 | 17 | 35 | 26 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 1.5–3 |
|--|---|--------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2164 (T15IP) 3.5 Nm |

Accessories

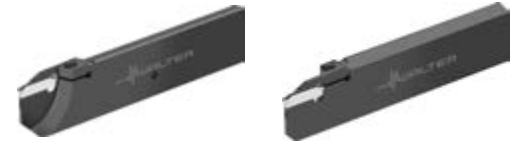
| | s [mm] | 1.5–3 |
|--|---------------------------------|----------------|
| | Screwdriver for grooving insert | FS1485 (T15IP) |
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2014 (T15IP) |

Reinforced parting blade – Contra

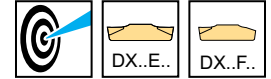
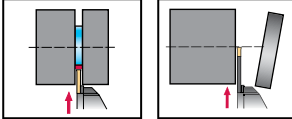
G4041...C-P

Walter Cut

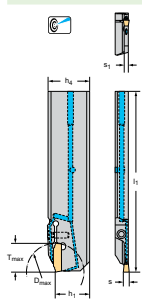
- Screw clamping
- Precision cooling



A2



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|-----------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G4041-26R-2T17DX18C-P | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-32R-2T21DX18C-P | | | 21 | 42 | 32 | 110 | 21.3 | 1.6 | |
| G4041-32R-3T21DX18C-P | 3 | 0.118 | 21 | 42 | 32 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |
| G4041-26L-2T17DX18C-P | 2 | 0.079 | 17 | 35 | 26 | 110 | 21.3 | 1.6 | DX18-2E2 .. |
| G4041-32L-2T21DX18C-P | | | 21 | 42 | 32 | 110 | 21.3 | 1.6 | |
| G4041-32L-3T21DX18C-P | 3 | 0.118 | 21 | 42 | 32 | 110 | 21.3 | 2.5 | DX18-3E3 .. DX18-3F3 .. |

Dimensional drawing shows right-hand version.

The maximum recommended coolant pressure is 80 bar (1160 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|---|--------|--------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2164 (T15IP) 3.5 Nm |

Accessories

| | s [mm] | 2-3 |
|---------------------------------|--------|----------------|
| Screwdriver for grooving insert | | FS1485 (T15IP) |
| Torque screwdriver, analogue | | FS2003 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2014 (T15IP) |

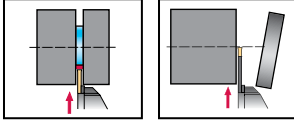
A2

Grooving module – Radial grooving

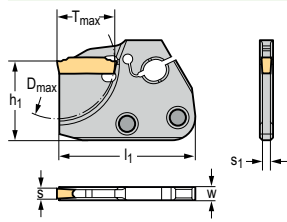
G4635

Walter Cut

- Screw clamping
- Replacement module



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------------------|
| G4635-30N-1.5T10DX18 | 1.5 | 0.059 | 10 | 35 | 24 | 4 | 42 | 1.2 | DX18-1E1.5 .. |
| G4635-30N-2T17DX18 | 2 | 0.079 | 17 | 35 | 24 | 4 | 42 | 1.6 | DX18-2E2 .. |
| G4635-30N-3T17DX18 | 3 | 0.118 | 17 | 35 | 24 | 4 | 42 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

Grooving module – Radial grooving

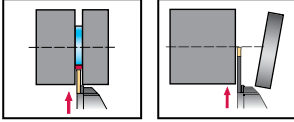
G4635-P

Walter Cut

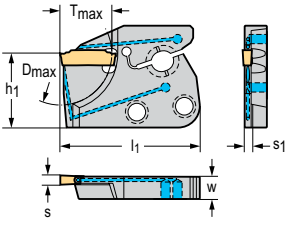
- Screw clamping
- Replacement module



A2



Tool

| | Designation | s mm | s mm | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type |
|---|------------------------|---------|---------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------|---------------|
|  | G4635-33L-2T16DX18-P | 2 | 0.079 | 16 | 32 | 24 | 7.2 | 45 | 1.6 | E33 | DX18-2E2 .. |
| | G4635-33L-2.5T16DX18-P | 2.5 | 0.098 | 16 | 32 | 24 | 7.2 | 45 | 2.1 | E33 | DX18-2E2.5 .. |

The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com

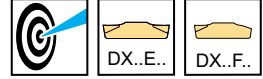
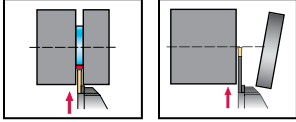
A2

Grooving module – Radial grooving

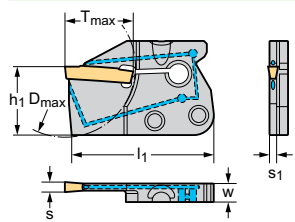
G4634-P mm

Walter Cut

- Screw clamping
- Replacement module



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------------------|
| G4634-33L-2T13DX18-P | 2 | 0.079 | 13 | 26 | 24 | 4 | 36 | 1.6 | DX18-2E2 .. |
| G4634-33L-2T16DX18-P | | | 16 | 32 | 24 | 7.2 | 46 | 1.6 | |
| G4634-33L-3T16DX18-P | 3 | 0.118 | 16 | 32 | 24 | 7.2 | 46 | 2.4 | DX18-3E3 .. DX18-3F3 .. |

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.
 The maximum recommended coolant pressure is 150 bar (2175 psi)

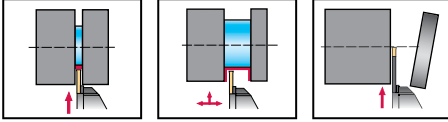
Shank tool – Radial grooving

G5011

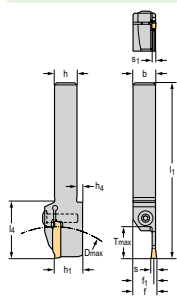
Groov-tec™ GD



– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|
| ★ G5011-1616R-3T21GD26 | 3 | 0.118 | 21 | 120 | 16 | 16 | 14.8 | 150 | 4 | 40 | 2.4 | GD26-3 .. |
| ★ G5011-1616L-3T21GD26 | 3 | 0.118 | 21 | 120 | 16 | 16 | 14.8 | 150 | 4 | 40 | 2.4 | GD26-3 .. |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

Accessories

| | s [mm] | 3 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

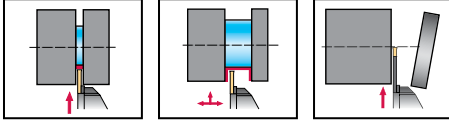
Shank tool – Radial grooving

 G5011

Groov-tec™ GD

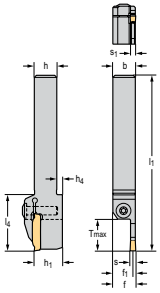


– Screw clamping



Tool

| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------|
| ★ G5011-1616R-4T21GD26 | 4 | 0.157 | 21 | 16 | 16 | 14.3 | 150 | 4 | 40 | 3.4 | GD26-4.. |



Square shank

 $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 4 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

Accessories

| | s [mm] | 4 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

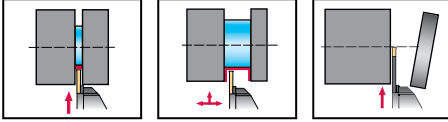
G5011

Groov-tec™ GD

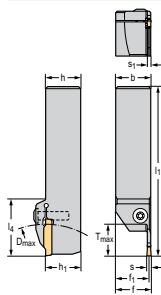


A2

– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|-----------|
| ★ G5011-2012R-3T21GD26 | 3 | 0.118 | 21 | 120 | 20 | 12 | 10.8 | 145 | 40 | 2.4 | GD26-3 .. |
| ★ G5011-2020R-3T21GD26 | | | 21 | 120 | 20 | 20 | 18.8 | 150 | 40 | 2.4 | |
| ★ G5011-2525R-3T21GD26 | | | 21 | 120 | 25 | 25 | 23.8 | 150 | 40 | 2.4 | |
| ★ G5011-2012L-3T21GD26 | 3 | 0.118 | 21 | 120 | 20 | 12 | 10.8 | 145 | 40 | 2.4 | GD26-3 .. |
| ★ G5011-2020L-3T21GD26 | | | 21 | 120 | 20 | 20 | 18.8 | 150 | 40 | 2.4 | |
| ★ G5011-2525L-3T21GD26 | | | 21 | 120 | 25 | 25 | 23.8 | 150 | 40 | 2.4 | |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] b [mm] | 3 12 | 3 20-25 |
|--|---|--------------------------|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS1473 (T15IP) 3.9 Nm | FS2118 (T20IP) 5 Nm |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1464 (T20IP) |

Accessories

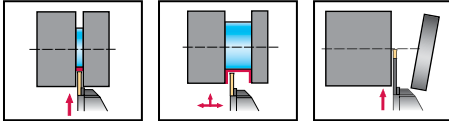
| | s [mm] b [mm] | 3 12 | 3 20-25 |
|--|-----------------------------|----------------|----------------|
| | Torque screwdriver, analog | FS2003 | FS2003 |
| | Torque screwdriver, digital | FS2248 | FS2248 |
| | Interchangeable blade | FS2014 (T15IP) | FS2015 (T20IP) |

Shank tool – Radial grooving

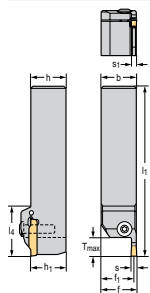
 G5011

Groov-tec™ GD

– Screw clamping



Tool



Square shank

| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|-----------|
| ★ G5011-2020R-3T12GD26 | 3 | 0.118 | 12 | 20 | 20 | 18.8 | 145 | 35 | 2.4 | GD26-3 .. |
| ★ G5011-2525R-3T12GD26 | | | 12 | 25 | 25 | 23.8 | 145 | 35 | 2.4 | |
| ★ G5011-2020R-4T12GD26 | 4 | 0.157 | 12 | 20 | 20 | 18.3 | 145 | 35 | 3.4 | GD26-4 .. |
| ★ G5011-2020R-4T21GD26 | | | 21 | 20 | 20 | 18.3 | 150 | 40 | 3.4 | |
| ★ G5011-2525R-4T12GD26 | | | 12 | 25 | 25 | 23.3 | 145 | 35 | 3.4 | |
| ★ G5011-2525R-4T21GD26 | 5 | 0.197 | 21 | 25 | 25 | 23.3 | 150 | 40 | 3.4 | GD26-5 .. |
| ★ G5011-2020R-5T12GD26 | | | 12 | 20 | 20 | 17.9 | 150 | 40 | 4.2 | |
| ★ G5011-2525R-5T12GD26 | 6 | 0.236 | 12 | 25 | 25 | 22.9 | 145 | 35 | 4.2 | GD26-6 .. |
| ★ G5011-2525R-5T21GD26 | | | 21 | 25 | 25 | 22.9 | 150 | 40 | 4.2 | |
| ★ G5011-2020R-6T12GD26 | | | 21 | 20 | 20 | 17.4 | 150 | 40 | 5.2 | |
| ★ G5011-2525R-6T12GD26 | 3 | 0.118 | 12 | 25 | 25 | 22.4 | 145 | 35 | 5.2 | GD26-6 .. |
| ★ G5011-2525R-6T21GD26 | | | 21 | 25 | 25 | 22.8 | 150 | 40 | 5.2 | |
| ★ G5011-2020L-3T12GD26 | 3 | 0.118 | 12 | 20 | 20 | 18.8 | 145 | 35 | 2.4 | GD26-3 .. |
| ★ G5011-2525L-3T12GD26 | | | 12 | 25 | 25 | 23.8 | 145 | 35 | 2.4 | |
| ★ G5011-2020L-4T12GD26 | 4 | 0.157 | 12 | 20 | 20 | 18.3 | 145 | 35 | 3.4 | GD26-4 .. |
| ★ G5011-2020L-4T21GD26 | | | 21 | 20 | 20 | 18.3 | 150 | 40 | 3.4 | |
| ★ G5011-2525L-4T12GD26 | | | 12 | 25 | 25 | 23.3 | 145 | 35 | 3.4 | |
| ★ G5011-2525L-4T21GD26 | 5 | 0.197 | 21 | 25 | 25 | 23.3 | 150 | 40 | 3.4 | GD26-5 .. |
| ★ G5011-2020L-5T12GD26 | | | 12 | 20 | 20 | 17.9 | 150 | 40 | 4.2 | |
| ★ G5011-2525L-5T12GD26 | 6 | 0.236 | 12 | 25 | 25 | 22.9 | 145 | 35 | 4.2 | GD26-6 .. |
| ★ G5011-2525L-5T21GD26 | | | 21 | 25 | 25 | 22.9 | 150 | 40 | 4.2 | |
| ★ G5011-2020L-6T12GD26 | | | 21 | 20 | 20 | 17.4 | 150 | 40 | 5.2 | |
| ★ G5011-2525L-6T12GD26 | 3 | 0.118 | 12 | 25 | 25 | 22.4 | 145 | 35 | 5.2 | GD26-6 .. |
| ★ G5011-2525L-6T21GD26 | | | 21 | 25 | 25 | 22.4 | 150 | 40 | 5.2 | |

 Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 3–6 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

Accessories

| | s [mm] | 3–6 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

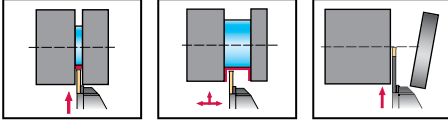
G5011...-P

Groov-tec™ GD

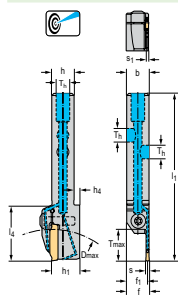
- Screw clamping
- Precision cooling



A2



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | h ₄ mm | l ₄ mm | s ₁ mm | T _h | Type |
|----------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|-------------|
| ★ G5011-1616R-2.5T21GD26-P | 2.5 | 0.098 | 21 | 120 | 16 | 16 | 15 | 120 | 4 | 40 | 2.1 | G1/8" | GD26-2.5 .. |
| ★ G5011-1616L-2.5T21GD26-P | 2.5 | 0.098 | 21 | 120 | 16 | 16 | 15 | 120 | 4 | 40 | 2.1 | G1/8" | GD26-2.5 .. |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2.5 |
|---|--------|------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 5 Nm |
| G 1/8" threaded plug | | FS2258 (SW 2) |
| Allen key | | FS1464 (T20IP) |

Accessories

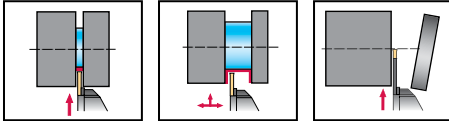
| | s [mm] | 2.5 |
|-----------------------------|--------|----------------|
| Torque screwdriver, analog | | FS2003 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2015 (T20IP) |

Shank tool – Radial grooving

 G5011...-P

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool

| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | T _h | Type |
|--------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------|-----------|
| ★ G5011-2020R-3T21GD26-P | 3 | 0.118 | 21 | 120 | 20 | 20 | 18.8 | 125 | 40 | 2.4 | G1/8" | GD26-3 .. |
| ★ G5011-2525R-3T21GD26-P | | | 21 | 120 | 25 | 25 | 23.8 | 130 | 40 | 2.4 | G1/8" | |
| ★ G5011-2020L-3T21GD26-P | 3 | 0.118 | 21 | 120 | 20 | 20 | 18.8 | 125 | 40 | 2.4 | G1/8" | GD26-3 .. |
| ★ G5011-2525L-3T21GD26-P | | | 21 | 120 | 25 | 25 | 23.8 | 130 | 40 | 2.4 | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | |
|--|--------|------------------------|
| | 3 | FS2118 (T20IP) 5 Nm |
| | | FS2258 (SW 2) |
| | | FS1464 (T20IP) |

Accessories

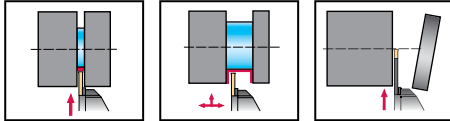
| | s [mm] | |
|--|--------|----------------|
| | 3 | FS2003 |
| | | FS2248 |
| | | FS2015 (T20IP) |

Shank tool – Radial grooving

G5011...-P

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool

| | Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | T _h | Type |
|--|--------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------|-----------|
| | ★ G5011-2020R-4T21GD26-P | 4 | 0.157 | 21 | 20 | 20 | 18.3 | 125 | 40 | 3.4 | G1/8" | GD26-4 .. |
| | ★ G5011-2525R-4T21GD26-P | | | 21 | 25 | 25 | 23.3 | 130 | 40 | 3.4 | G1/8" | |
| | ★ G5011-2020R-5T12GD26-P | 5 | 0.197 | 12 | 20 | 20 | 17.9 | 120 | 35 | 4.2 | G1/8" | GD26-5 .. |
| | ★ G5011-2525R-6T12GD26-P | | | 12 | 25 | 25 | 22.4 | 125 | 35 | 5.2 | G1/8" | GD26-6 .. |
| | ★ G5011-2020L-4T21GD26-P | 4 | 0.157 | 21 | 20 | 20 | 18.3 | 125 | 40 | 3.4 | G1/8" | GD26-4 .. |
| | ★ G5011-2525L-4T21GD26-P | | | 21 | 25 | 25 | 23.3 | 130 | 40 | 3.4 | G1/8" | |
| | ★ G5011-2020L-5T12GD26-P | 5 | 0.197 | 12 | 20 | 20 | 17.9 | 120 | 35 | 4.2 | G1/8" | GD26-5 .. |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 4-6 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Allen key | FS1464 (T20IP) |

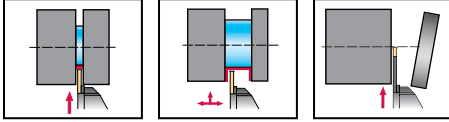
Accessories

| | s [mm] | 4-6 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

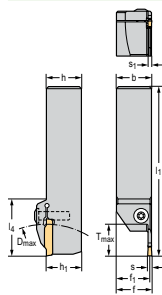
Shank tool – Radial grooving

G5011 inch
Groov-tec™ GD


– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₂ inch | s ₁ inch | Type |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------|
| ★ G5011.10R-3T21GD26 | 3 | 0.118 | 0.827 | 4.724 | 0.625 | 0.625 | 0.578 | 5.315 | 1.575 | 0.094 | GD26-3.. |
| ★ G5011.12R-3T21GD26 | | | 0.827 | 4.724 | 0.750 | 0.750 | 0.703 | 5.906 | 1.575 | 0.094 | |
| ★ G5011.16R-3T21GD26 | | | 0.827 | 4.724 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | |
| ★ G5011.10L-3T21GD26 | 3 | 0.118 | 0.827 | 4.724 | 0.625 | 0.625 | 0.578 | 5.315 | 1.575 | 0.094 | GD26-3.. |
| ★ G5011.12L-3T21GD26 | | | 0.827 | 4.724 | 0.750 | 0.750 | 0.703 | 5.906 | 1.575 | 0.094 | |
| ★ G5011.16L-3T21GD26 | | | 0.827 | 4.724 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | |

Square shank

 Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.118 |
|---|----------|-----------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 33 ft lbs |
| Allen key | | FS1464 (T20IP) |

Accessories

| | s [inch] | 0.118 |
|-----------------------------|----------|----------------|
| Torque screwdriver, analog | | FS2004 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2015 (T20IP) |

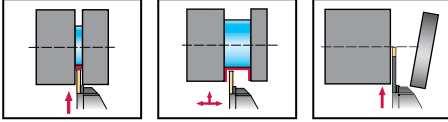
Shank tool – Radial grooving

G5011 inch

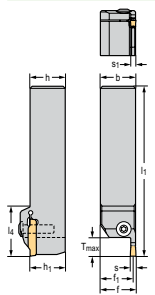
Groov-tec™ GD



– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|----------------------|---------|-----------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|-----------|
| ★ G5011.12R-3T12GD26 | 3 | 0.118 | 0.472 | 0.750 | 0.750 | 0.703 | 5.709 | 1.378 | 0.094 | GD26-3 .. |
| ★ G5011.16R-3T12GD26 | | | 0.472 | 1.000 | 1.000 | 0.953 | 5.709 | 1.378 | 0.094 | |
| ★ G5011.12R-4T21GD26 | 4 | 0.157 | 0.827 | 0.750 | 0.750 | 0.683 | 5.906 | 1.575 | 0.134 | GD26-4 .. |
| ★ G5011.16R-4T21GD26 | | | 0.472 | 1.000 | 1.000 | 0.933 | 5.709 | 1.378 | 0.134 | |
| ★ G5011.16R-4T21GD26 | | | 0.827 | 1.000 | 1.000 | 0.933 | 5.906 | 1.575 | 0.134 | |
| ★ G5011.12L-4T21GD26 | 4 | 0.157 | 0.827 | 0.750 | | 0.683 | 5.906 | 1.575 | 0.134 | GD26-4 .. |
| ★ G5011.16L-4T21GD26 | | | 0.827 | 1.000 | | 0.933 | 5.906 | 1.575 | 0.134 | |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.118–0.157 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 33 ft lbs |
| | Allen key | FS1464 (T20IP) |

Accessories

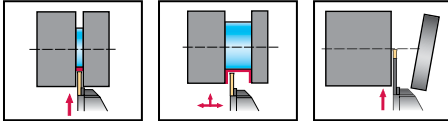
| | s [inch] | 0.118 | 0.157 |
|--|-----------------------------|----------------|----------------|
| | Torque screwdriver, analog | FS2003 | FS2004 |
| | Torque screwdriver, digital | FS2248 | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) | FS2015 (T20IP) |

Shank tool – Radial grooving

G5011...-P inch

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool

| Designation | s mm | s inch | T _{max} inch | D _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | T _h | Type |
|------------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------|-----------|
| ★ G5011.12R-3T21GD26-P | 3 | 0.118 | 0.827 | 4.724 | 0.750 | 0.750 | 0.703 | 5.118 | 1.575 | 0.094 | G1/8" | GD26-3 .. |
| ★ G5011.16R-3T21GD26-P | | | 0.827 | 4.724 | 1.000 | 1.000 | 0.953 | 5.118 | 1.575 | 0.094 | G1/8" | |
| ★ G5011.12L-3T21GD26-P | 3 | 0.118 | 0.827 | 4.724 | 0.750 | 0.750 | 0.703 | 5.118 | 1.575 | 0.094 | G1/8" | GD26-3 .. |
| ★ G5011.16L-3T21GD26-P | | | 0.827 | 4.724 | 1.000 | 1.000 | 0.953 | 5.118 | 1.575 | 0.094 | G1/8" | |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.118 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 33 ft lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Allen key | FS1464 (T20IP) |

Accessories

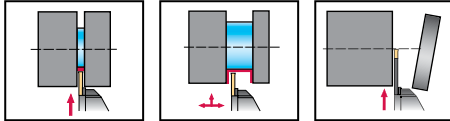
| | s [inch] | 0.118 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving


G5011...-P inch

Groov-tec™ GD

- Screw clamping
- Precision cooling





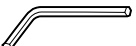
Tool

| Designation | | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | T _h | Type |
|---|------------------------|---------|-----------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------|-----------|
|  | ★ G5011.16R-4T21GD26-P | 4 | 0.157 | 0.827 | 1.000 | 1.000 | 0.933 | 5.118 | 1.575 | 0.134 | G1/8" | GD26-4 .. |


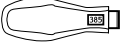

Square shank

$f = f_1 + s/2$ | $f_1 = f - s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | s [inch] | 0.157 |
|---|---|----------|-----------------------------|
|  | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 33 ft lbs |
|  | G 1/8" threaded plug | | FS2258 (SW 2) |
|  | Allen key | | FS1464 (T20IP) |

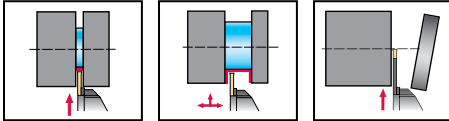
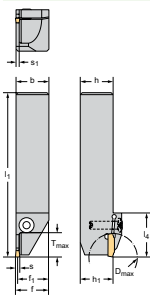
Accessories

| | | s [inch] | 0.157 |
|---|-----------------------------|----------|----------------|
|  | Torque screwdriver, analog | | FS2004 |
|  | Torque screwdriver, digital | | FS2248 |
|  | Interchangeable blade | | FS2015 (T20IP) |

Shank tool – Radial grooving

G1011 mm
Walter Cut


– Screw clamping


Tool


Square shank


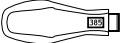

| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1011.1616R-2T21GX24 | 2 | 0.079 | 21 | 16 | 16 | 15.3 | 150 | 40.3 | 1.6 | GX24-1E2 .. |
| G1011.2020R-2T21GX24 | | | 21 | 20 | 20 | 19.2 | 150 | 40 | 1.6 | |
| G1011.1616R-3T21GX24 | 3 | 0.118 | 21 | 16 | 16 | 14.8 | 150 | 40.3 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2012R-3T21GX24 | | | 21 | 20 | 12 | 10.8 | 150 | 40 | 2.4 | |
| G1011.2020R-3T21GX24 | | | 21 | 20 | 20 | 18.8 | 150 | 40 | 2.4 | |
| G1011.2525R-3T21GX24 | | | 21 | 25 | 25 | 23.8 | 150 | 40 | 2.4 | |
| G1011.1616R-4T21GX24 | 4 | 0.157 | 21 | 16 | 16 | 14.3 | 150 | 40 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.2020R-4T21GX24 | | | 21 | 20 | 20 | 18.3 | 150 | 40 | 3.4 | |
| G1011.2525R-4T21GX24 | | | 21 | 25 | 25 | 23.3 | 150 | 40 | 3.4 | |
| G1011.2525R-4T32GX24 | | | 32 | 25 | 25 | 23.3 | 165 | 55 | 3.4 | |
| G1011.2020R-5T21GX24 | 5 | 0.197 | 21 | 20 | 20 | 17.9 | 150 | 40 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011.2525R-5T21GX24 | | | 21 | 25 | 25 | 22.9 | 150 | 40 | 4.2 | |
| G1011.2525R-5T32GX24 | | | 32 | 25 | 25 | 22.9 | 165 | 55 | 4.2 | |
| G1011.2020R-6T21GX24 | 6 | 0.236 | 21 | 20 | 20 | 17.4 | 150 | 40 | 5.2 | GX24-4E6 .. |
| G1011.2525R-6T21GX24 | | | 21 | 25 | 25 | 22.4 | 150 | 40 | 5.2 | |
| G1011.2525R-6T32GX24 | | | 32 | 25 | 25 | 22.4 | 165 | 55 | 5.2 | |
| G1011.1616L-2T21GX24 | 2 | 0.079 | 21 | 16 | 16 | 15.3 | 150 | 40 | 1.6 | GX24-1E2 .. |
| G1011.2020L-2T21GX24 | | | 21 | 20 | 20 | 19.3 | 150 | 40.3 | 1.6 | |
| G1011.1616L-3T21GX24 | 3 | 0.118 | 21 | 16 | 16 | 14.8 | 150 | 40 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2012L-3T21GX24 | | | 21 | 20 | 12 | 10.8 | 150 | 40 | 2.4 | |
| G1011.2020L-3T21GX24 | | | 21 | 20 | 20 | 18.8 | 150 | 40 | 2.4 | |
| G1011.2525L-3T21GX24 | | | 21 | 25 | 25 | 23.8 | 150 | 40 | 2.4 | |
| G1011.1616L-4T21GX24 | 4 | 0.157 | 21 | 16 | 16 | 14.3 | 150 | 40 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.2020L-4T21GX24 | | | 21 | 20 | 20 | 18.3 | 150 | 40 | 3.4 | |
| G1011.2525L-4T21GX24 | | | 21 | 25 | 25 | 23.3 | 150 | 40 | 3.4 | |
| G1011.2525L-4T32GX24 | | | 32 | 25 | 25 | 23.3 | 165 | 55 | 3.4 | |
| G1011.2020L-5T21GX24 | 5 | 0.197 | 21 | 20 | 20 | 17.9 | 150 | 40 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011.2525L-5T21GX24 | | | 21 | 25 | 25 | 22.9 | 150 | 40 | 4.2 | |
| G1011.2525L-5T32GX24 | | | 32 | 25 | 25 | 22.9 | 165 | 55 | 4.2 | |
| G1011.2020L-6T21GX24 | 6 | 0.236 | 21 | 20 | 20 | 17.4 | 150 | 40 | 5.2 | GX24-4E6 .. |
| G1011.2525L-6T21GX24 | | | 21 | 25 | 25 | 22.4 | 150 | 40 | 5.2 | |
| G1011.2525L-6T32GX24 | | | 32 | 25 | 25 | 22.4 | 165 | 55 | 5.2 | |

 Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-6 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

Accessories

| | s [mm] | 2-6 |
|---|-----------------------------|----------------|
|  | Torque screwdriver, analog | FS2003 |
|  | Torque screwdriver, digital | FS2248 |
|  | Interchangeable blade | FS2015 (T20IP) |

A2

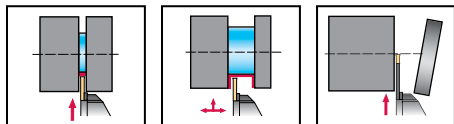
Shank tool – Radial grooving

 G1011

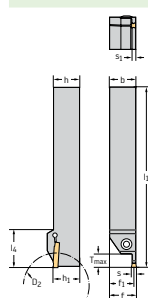
Walter Cut



– Screw clamping



Tool



Square shank

| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₂ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1011.1616R-3T12GX24 | 3 | 0.118 | 12 | 16 | 16 | 14.8 | 135 | 35 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2020R-3T12GX24 | | | 12 | 20 | 20 | 18.8 | 145 | 35 | 2.4 | |
| G1011.2525R-3T12GX24 | | | 12 | 25 | 25 | 23.8 | 145 | 35 | 2.4 | |
| G1011.1616R-4T12GX24 | 4 | 0.157 | 12 | 16 | 16 | 14.3 | 135 | 35 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.2020R-4T12GX24 | | | 12 | 20 | 20 | 18.3 | 145 | 35 | 3.4 | |
| G1011.2525R-4T12GX24 | | | 12 | 25 | 25 | 23.3 | 145 | 35 | 3.4 | |
| G1011.2020R-5T12GX24 | 5 | 0.197 | 12 | 20 | 20 | 17.9 | 145 | 35 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011.2525R-5T12GX24 | | | 12 | 25 | 25 | 22.9 | 145 | 35 | 4.2 | |
| G1011.2020R-6T12GX24 | 6 | 0.236 | 12 | 20 | 20 | 17.4 | 145 | 35 | 5.2 | GX24-4E6 .. |
| G1011.2525R-6T12GX24 | | | 12 | 25 | 25 | 22.4 | 145 | 35 | 5.2 | |
| G1011.2525R-8T28GX30 | 8 | 0.315 | 28 | 25 | 25 | 22 | 165 | 55 | 6.1 | GX30-5E8 .. |
| G1011.3232R-8T28GX30 | | | 28 | 32 | 32 | 29 | 165 | 55 | 6.1 | |
| G1011.1616L-3T12GX24 | 3 | 0.118 | 12 | 16 | 16 | 14.8 | 135 | 35 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2020L-3T12GX24 | | | 12 | 20 | 20 | 18.8 | 145 | 35 | 2.4 | |
| G1011.2525L-3T12GX24 | | | 12 | 25 | 25 | 23.8 | 145 | 35 | 2.4 | |
| G1011.1616L-4T12GX24 | 4 | 0.157 | 12 | 16 | 16 | 14.3 | 135 | 35 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.2020L-4T12GX24 | | | 12 | 20 | 20 | 18.3 | 145 | 35 | 3.4 | |
| G1011.2525L-4T12GX24 | | | 12 | 25 | 25 | 23.3 | 145 | 35 | 3.4 | |
| G1011.2020L-5T12GX24 | 5 | 0.197 | 12 | 20 | 20 | 17.9 | 145 | 35 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011.2525L-5T12GX24 | | | 12 | 25 | 25 | 22.9 | 145 | 35 | 4.2 | |
| G1011.2020L-6T12GX24 | 6 | 0.236 | 12 | 20 | 20 | 17.4 | 145 | 35 | 5.2 | GX24-4E6 .. |
| G1011.2525L-6T12GX24 | | | 12 | 25 | 25 | 22.4 | 145 | 35 | 5.2 | |
| G1011.2525L-8T28GX30 | 8 | 0.315 | 28 | 25 | 25 | 22 | 165 | 55 | 6.1 | GX30-5E8 .. |
| G1011.3232L-8T28GX30 | | | 28 | 32 | 32 | 29 | 165 | 55 | 6.1 | |

Dimensional drawing shows right-hand version. | For T_{max} with diameters greater than D₂, see „Technical information – Grooving“ | $f = f_1 + s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 3–8 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Allen key | FS1464 (T20IP) |

Accessories

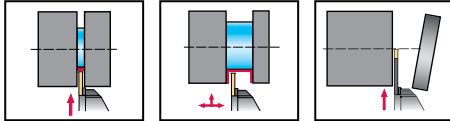
| | s [mm] | 3–8 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

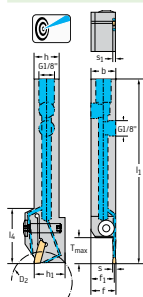
G1011...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | D _{max} mm | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1011.1616R-2T21GX24-P | 2 | 0.079 | 80 | 21 | 16 | 16 | 15.3 | 120 | 40 | 1.6 | GX24-1E2 .. |
| G1011.1616R-3T12GX24-P | 3 | 0.118 | 50 | 12 | 16 | 16 | 14.8 | 120 | 31.5 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.1616R-3T21GX24-P | | | 80 | 21 | 16 | 16 | 14.8 | 120 | 40 | 2.4 | |
| G1011.1616L-2T21GX24-P | 2 | 0.079 | 80 | 21 | 16 | 16 | 15.3 | 120 | 40 | 1.6 | GX24-1E2 .. |
| G1011.1616L-3T12GX24-P | 3 | 0.118 | 50 | 12 | 16 | 16 | 14.8 | 120 | 31.5 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.1616L-3T21GX24-P | | | 80 | 21 | 16 | 16 | 14.8 | 120 | 40 | 2.4 | |

Square shank

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-3 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Allen key | FS1464 (T20IP) |

Accessories

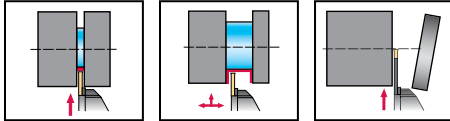
| | s [mm] | 2-3 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

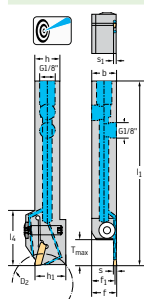
G1011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1011.1616R-4T12GX24-P | 4 | 0.157 | 12 | 16 | 16 | 14.3 | 120 | 35 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.1616L-4T12GX24-P | 4 | 0.157 | 12 | 16 | 16 | 14.3 | 120 | 35 | 3.4 | GX24-3E4 .. GX24-3F4 .. |

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 4 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Allen key | FS1464 (T20IP) |

Accessories

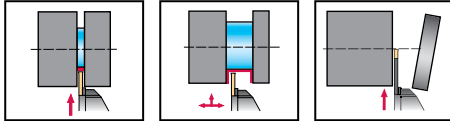
| | s [mm] | 4 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

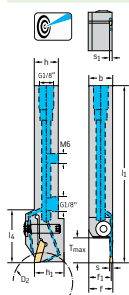
G1011...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

| Designation | s mm | s inch | D _{max} mm | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1011.2020R-2T21GX24-P | 2 | 0.079 | 80 | 21 | 20 | 20 | 19.2 | 125 | 40 | 1.6 | GX24-1E2 .. |
| G1011.2525R-2T21GX24-P | | | 80 | 21 | 25 | 25 | 24.2 | 130 | 40 | 1.5 | |
| G1011.2020R-3T12GX24-P | 3 | 0.118 | 50 | 12 | 20 | 20 | 18.8 | 120 | 31.5 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2020R-3T21GX24-P | | | 80 | 21 | 20 | 20 | 18.8 | 125 | 40 | 2.4 | |
| G1011.2020R-3T33GX34-P | | | 140 | 33 | 20 | 20 | 18.8 | 140 | 53 | 2.4 | GX34-2E3 .. |
| G1011.2525R-3T21GX24-P | | | 80 | 21 | 25 | 25 | 23.8 | 130 | 40 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2525R-3T33GX34-P | 4 | 0.157 | 140 | 33 | 25 | 25 | 23.8 | 145 | 53 | 2.4 | GX34-2E3 .. |
| G1011.2020L-4T33GX34-P | | | 140 | 33 | 20 | 20 | 18.4 | 140 | 53 | 3.3 | GX34-3E4 .. |
| G1011.2525L-4T33GX34-P | 3 | 0.118 | 140 | 33 | 25 | 25 | 23.4 | 145 | 53 | 3.3 | GX34-3E4 .. |
| G1011.2020L-2T21GX24-P | | | 80 | 21 | 20 | 20 | 19.2 | 125 | 40 | 1.6 | |
| G1011.2525L-2T21GX24-P | | | 80 | 21 | 25 | 25 | 24.2 | 130 | 40 | 1.5 | |
| G1011.2020L-3T12GX24-P | | | 50 | 12 | 20 | 20 | 18.8 | 120 | 31.5 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2020L-3T21GX24-P | | | 80 | 21 | 20 | 20 | 18.8 | 125 | 40 | 2.4 | |
| G1011.2020L-3T33GX34-P | | | 140 | 33 | 20 | 20 | 18.8 | 140 | 53 | 2.4 | GX34-2E3 .. |
| G1011.2525L-3T21GX24-P | | | 80 | 21 | 25 | 25 | 23.8 | 130 | 40 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2525L-3T33GX34-P | | | 140 | 33 | 25 | 25 | 23.8 | 145 | 53 | 2.4 | GX34-2E3 .. |
| G1011.2020L-4T33GX34-P | 4 | 0.157 | 140 | 33 | 20 | 20 | 18.4 | 140 | 53 | 3.3 | GX34-3E4 .. |
| G1011.2525L-4T33GX34-P | | | 140 | 33 | 25 | 25 | 23.4 | 145 | 53 | 3.3 | |

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2 | 3 | 4 |
|--|---|------------------------|------------------------|--------------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm | FS2118 (T20IP) 5 Nm | M06X025 ISO4762 12.9 (SW 5) |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) | FS2288 (SW 3) |
| | Allen key | FS1464 (T20IP) | FS1464 (T20IP) | ISO2936-5 (SW 5) |

Accessories

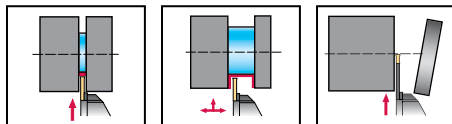
| | s [mm] D _{max} [mm] | 2-3 50-80 | 3-4 140 |
|--|---------------------------------|----------------|---------------|
| | Torque screwdriver, analog | FS2003 | |
| | Torque screwdriver, digital | FS2248 | |
| | Torque T-handle | | FS2041 |
| | Interchangeable blade | FS2015 (T20IP) | FS2052 (SW 5) |

Shank tool – Radial grooving

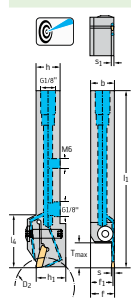
 G1011...-P mm

Walter Cut

- Screw clamping
- Precision cooling

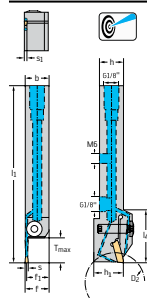


Tool



Square shank




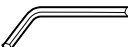
| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1011.2525R-3T12GX24-P | 3 | 0.118 | 12 | 25 | 25 | 23.8 | 125 | 35 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2020R-4T12GX24-P | 4 | 0.157 | 12 | 20 | 20 | 18.3 | 120 | 35 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.2020R-4T21GX24-P | | | 21 | 20 | 20 | 18.3 | 125 | 40 | 3.4 | |
| G1011.2525R-4T12GX24-P | | | 12 | 25 | 25 | 23.3 | 125 | 35 | 3.4 | |
| G1011.2525R-4T21GX24-P | | | 21 | 25 | 25 | 23.3 | 130 | 40 | 3.4 | |
| G1011.2525R-4T32GX24-P | | | 32 | 25 | 25 | 23.3 | 145 | 55 | 3.4 | |
| G1011.2020R-5T12GX24-P | 5 | 0.197 | 12 | 20 | 20 | 17.9 | 120 | 35 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011.2020R-5T21GX24-P | | | 21 | 20 | 20 | 17.9 | 125 | 40 | 4.2 | |
| G1011.2525R-5T12GX24-P | | | 12 | 25 | 25 | 22.9 | 125 | 35 | 4.2 | |
| G1011.2525R-5T21GX24-P | | | 21 | 25 | 25 | 22.9 | 130 | 40 | 4.2 | |
| G1011.2525R-5T32GX24-P | | | 32 | 25 | 25 | 22.9 | 145 | 55 | 4.2 | |
| G1011.2525R-6T12GX24-P | 6 | 0.236 | 12 | 25 | 25 | 22.4 | 125 | 35 | 5.2 | GX24-4E6 .. |
| G1011.2525R-6T21GX24-P | | | 21 | 25 | 25 | 22.4 | 130 | 40 | 5.2 | |
| G1011.2525R-6T32GX24-P | | | 32 | 25 | 25 | 22.4 | 145 | 55 | 5.2 | |
| G1011.2525R-8T28GX30-P | 8 | 0.315 | 28 | 25 | 25 | 22 | 145 | 55 | 6.1 | GX30-5E8 .. |
| G1011.3225R-8T28GX30-P | | | 28 | 32 | 25 | 22 | 145 | 55 | 6.1 | |
| G1011.2525L-3T12GX24-P | 3 | 0.118 | 12 | 25 | 25 | 23.8 | 125 | 35 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011.2020L-4T12GX24-P | 4 | 0.157 | 12 | 20 | 20 | 18.3 | 120 | 35 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011.2020L-4T21GX24-P | | | 21 | 20 | 20 | 18.3 | 125 | 40 | 3.4 | |
| G1011.2525L-4T12GX24-P | | | 12 | 25 | 25 | 23.3 | 125 | 35 | 3.4 | |
| G1011.2525L-4T21GX24-P | | | 21 | 25 | 25 | 23.3 | 130 | 40 | 3.4 | |
| G1011.2525L-4T32GX24-P | | | 32 | 25 | 25 | 23.3 | 145 | 55 | 3.4 | |
| G1011.2020L-5T12GX24-P | 5 | 0.197 | 12 | 20 | 20 | 17.9 | 120 | 35 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011.2020L-5T21GX24-P | | | 21 | 20 | 20 | 17.9 | 125 | 40 | 4.2 | |
| G1011.2525L-5T12GX24-P | | | 12 | 25 | 25 | 22.9 | 125 | 35 | 4.2 | |
| G1011.2525L-5T21GX24-P | | | 21 | 25 | 25 | 22.9 | 130 | 40 | 4.2 | |
| G1011.2525L-5T32GX24-P | | | 32 | 25 | 25 | 22.9 | 145 | 55 | 4.2 | |
| G1011.2525L-6T12GX24-P | 6 | 0.236 | 12 | 25 | 25 | 22.4 | 125 | 35 | 5.2 | GX24-4E6 .. |
| G1011.2525L-6T21GX24-P | | | 21 | 25 | 25 | 22.4 | 130 | 40 | 5.2 | |
| G1011.2525L-6T32GX24-P | | | 32 | 25 | 25 | 22.4 | 145 | 55 | 5.2 | |
| G1011.2525L-8T28GX30-P | 8 | 0.315 | 28 | 25 | 25 | 22 | 145 | 55 | 6.1 | GX30-5E8 .. |
| G1011.3225L-8T28GX30-P | 8 | 0.315 | 28 | 32 | 25 | 22 | 145 | 55 | 6.1 | GX30-5E8 .. |






Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 3-8 |
|---|---|------------------------|
|  | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
|  | G 1/8" threaded plug | FS2258 (SW 2) |
|  | M6 threaded plug | FS2288 (SW 3) |
|  | Allen key | FS1464 (T20IP) |

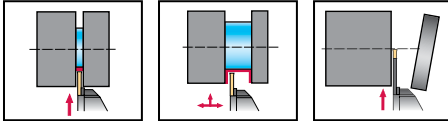
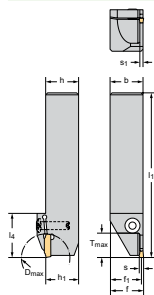
Accessories

| | s [mm] | 3-8 |
|---|-----------------------------|----------------|
|  | Torque screwdriver, analog | FS2003 |
|  | Torque screwdriver, digital | FS2248 |
|  | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

G1011 inch
Walter Cut


– Screw clamping


Tool


Square shank


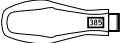

| Designation | s mm | s inch | D _{max} inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|--------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G1011.12R-2T21GX24 | 2 | 0.079 | 3.150 | 0.827 | 0.750 | 0.750 | 0.72 | 5.906 | 1.575 | 0.063 | GX24-1E2 .. |
| G1011.16R-2T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.97 | 5.906 | 1.575 | 0.063 | |
| G1011.10R-3T21GX24 | 3 | 0.118 | 3.150 | 0.827 | 0.625 | 0.625 | 0.578 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.12R-3T21GX24 | | | 3.150 | 0.827 | 0.750 | 0.750 | 0.701 | 5.906 | 1.575 | 0.094 | |
| G1011.16R-3T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | |
| G1011.20R-3T21GX24 | | | 3.937 | 0.827 | 1.250 | 1.250 | 1.205 | 5.906 | 1.575 | 0.094 | |
| G1011.12R-4T21GX24 | 4 | 0.157 | 3.150 | 0.827 | 0.750 | 0.750 | 0.685 | 5.906 | 1.575 | 0.134 | GX24-3E4 .. GX24-3F4 .. |
| G1011.16R-4T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.933 | 5.906 | 1.575 | 0.134 | |
| G1011.20R-4T26GX24 | | | 3.937 | 1.024 | 1.250 | 1.250 | 1.181 | 6.142 | 1.811 | 0.134 | |
| G1011.16R-5T21GX24 | 5 | 0.197 | 3.150 | 0.827 | 1.000 | 1.000 | 0.917 | 5.906 | 1.575 | 0.165 | GX24-3E5 .. GX24-3F5 .. |
| G1011.16R-5T32GX24 | | | 4.724 | 1.260 | 1.000 | 1.000 | 0.917 | 6.496 | 2.165 | 0.165 | |
| G1011.20R-5T26GX24 | | | 3.937 | 1.024 | 1.250 | 1.250 | 1.167 | 6.142 | 1.811 | 0.165 | |
| G1011.12R-6T21GX24 | 6 | 0.236 | 3.150 | 0.827 | 0.750 | 0.750 | 0.646 | 5.906 | 1.575 | 0.205 | GX24-4E6 .. |
| G1011.16R-6T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.898 | 5.906 | 1.575 | 0.205 | |
| G1011.16R-6T32GX24 | | | 4.724 | 1.260 | 1.000 | 1.000 | 0.898 | 6.496 | 2.165 | 0.205 | |
| G1011.20R-6T21GX24 | | | 3.937 | 0.827 | 1.250 | 1.250 | 1.148 | 5.906 | 1.575 | 0.205 | |
| G1011.20R-6T32GX24 | | | 5.512 | 1.260 | 1.250 | 1.250 | 1.148 | 6.496 | 2.165 | 0.205 | |
| G1011.12L-2T21GX24 | 2 | 0.079 | 3.150 | 0.827 | 0.750 | 0.750 | 0.72 | 5.906 | 1.575 | 0.063 | GX24-1E2 .. |
| G1011.16L-2T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.97 | 5.906 | 1.575 | 0.063 | |
| G1011.10L-3T21GX24 | 3 | 0.118 | 3.150 | 0.827 | 0.625 | 0.625 | 0.578 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.12L-3T21GX24 | | | 3.150 | 0.827 | 0.750 | 0.750 | 0.701 | 5.906 | 1.575 | 0.094 | |
| G1011.16L-3T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | |
| G1011.20L-3T21GX24 | | | 3.937 | 0.827 | 1.250 | 1.250 | 1.205 | 5.906 | 1.575 | 0.094 | |
| G1011.12L-4T21GX24 | 4 | 0.157 | 3.150 | 0.827 | 0.750 | 0.750 | 0.685 | 5.906 | 1.575 | 0.134 | GX24-3E4 .. GX24-3F4 .. |
| G1011.16L-4T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.933 | 5.906 | 1.575 | 0.134 | |
| G1011.20L-4T26GX24 | | | 3.937 | 1.024 | 1.250 | 1.250 | 1.181 | 6.142 | 1.811 | 0.134 | |
| G1011.16L-5T21GX24 | 5 | 0.197 | 3.150 | 0.827 | 1.000 | 1.000 | 0.917 | 5.906 | 1.575 | 0.165 | GX24-3E5 .. GX24-3F5 .. |
| G1011.16L-5T32GX24 | | | 4.724 | 1.260 | 1.000 | 1.000 | 0.917 | 6.496 | 2.165 | 0.165 | |
| G1011.20L-5T26GX24 | | | 3.937 | 1.024 | 1.250 | 1.250 | 1.167 | 6.142 | 1.811 | 0.165 | |
| G1011.12L-6T21GX24 | 6 | 0.236 | 3.150 | 0.827 | 0.750 | 0.750 | 0.646 | 5.906 | 1.575 | 0.205 | GX24-4E6 .. |
| G1011.16L-6T21GX24 | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.898 | 5.906 | 1.575 | 0.205 | |
| G1011.16L-6T32GX24 | | | 4.724 | 1.260 | 1.000 | 1.000 | 0.898 | 6.496 | 2.165 | 0.205 | |
| G1011.20L-6T21GX24 | | | 3.937 | 0.827 | 1.250 | 1.250 | 1.148 | 5.906 | 1.575 | 0.205 | |
| G1011.20L-6T32GX24 | | | 5.512 | 1.260 | 1.250 | 1.250 | 1.148 | 6.496 | 2.165 | 0.205 | |

 Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.079–0.236 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 33 ft lbs |
| | Allen key | FS1464 (T20IP) |

Accessories

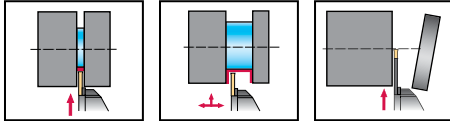
| | s [inch] | 0.079–0.236 |
|---|-----------------------------|----------------|
|  | Torque screwdriver, analog | FS2004 |
|  | Torque screwdriver, digital | FS2248 |
|  | Interchangeable blade | FS2015 (T20IP) |

A2

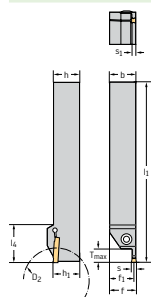
Shank tool – Radial grooving

G1011 inch
Walter Cut


– Screw clamping



Tool



Square shank

| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|--------------------|---------|-----------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G1011.10R-3T12GX24 | 3 | 0.118 | 0.472 | 0.625 | 0.625 | 0.578 | 5.315 | 1.378 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.12R-3T12GX24 | | | 0.472 | 0.750 | 0.750 | 0.701 | 5.709 | 1.378 | 0.094 | |
| G1011.16R-3T12GX24 | | | 0.472 | 1.000 | 1.000 | 0.953 | 5.709 | 1.378 | 0.094 | |
| G1011.12R-4T12GX24 | 4 | 0.157 | 0.472 | 0.750 | 0.750 | 0.685 | 5.709 | 1.378 | 0.134 | GX24-3E4 .. GX24-3F4 .. |
| G1011.16R-4T12GX24 | | | 0.472 | 1.000 | 1.000 | 0.933 | 5.709 | 1.378 | 0.134 | |
| G1011.16R-4T32GX24 | | | 1.260 | 1.000 | 1.000 | 0.933 | 6.496 | 2.165 | 0.134 | |
| G1011.12R-5T12GX24 | 5 | 0.197 | 0.472 | 0.750 | 0.750 | 0.669 | 5.709 | 1.378 | 0.165 | GX24-3E5 .. GX24-3F5 .. |
| G1011.12R-6T12GX24 | 6 | 0.236 | 0.472 | 0.750 | 0.750 | 0.646 | 5.709 | 1.378 | 0.205 | GX24-4E6 .. |
| G1011.16R-6T12GX24 | | | 0.472 | 1.000 | 1.000 | 0.898 | 5.709 | 1.378 | 0.205 | |
| G1011.16R-8T28GX30 | 8 | 0.315 | 1.102 | 1.000 | 1.000 | 0.882 | 6.496 | 2.165 | 0.24 | GX30-5E8 .. |
| G1011.20R-8T38GX30 | | | 1.496 | 1.250 | 1.250 | 1.130 | 6.890 | 2.559 | 0.24 | |
| G1011.24R-8T38GX30 | | | 1.496 | 1.500 | 1.500 | 1.378 | 6.890 | 2.559 | 0.24 | |
| G1011.10L-3T12GX24 | 3 | 0.118 | 0.472 | 0.625 | 0.625 | 0.578 | 5.315 | 1.378 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.12L-3T12GX24 | | | 0.472 | 0.750 | 0.750 | 0.701 | 5.709 | 1.378 | 0.094 | |
| G1011.16L-3T12GX24 | | | 0.472 | 1.000 | 1.000 | 0.953 | 5.709 | 1.378 | 0.094 | |
| G1011.12L-4T12GX24 | 4 | 0.157 | 0.472 | 0.750 | 0.750 | 0.685 | 5.709 | 1.378 | 0.134 | GX24-3E4 .. GX24-3F4 .. |
| G1011.16L-4T12GX24 | | | 0.472 | 1.000 | 1.000 | 0.933 | 5.709 | 1.378 | 0.134 | |
| G1011.16L-4T32GX24 | | | 1.260 | 1.000 | 1.000 | 0.933 | 6.496 | 2.165 | 0.134 | |
| G1011.12L-6T12GX24 | 6 | 0.236 | 0.472 | 0.750 | 0.750 | 0.646 | 5.709 | 1.378 | 0.205 | GX24-4E6 .. |
| G1011.16L-6T12GX24 | | | 0.472 | 1.000 | 1.000 | 0.898 | 5.709 | 1.378 | 0.205 | |
| G1011.16L-8T28GX30 | 8 | 0.315 | 1.102 | 1.000 | 1.000 | 0.882 | 6.496 | 2.165 | 0.24 | GX30-5E8 .. |
| G1011.20L-8T38GX30 | | | 1.496 | 1.250 | 1.250 | 1.130 | 6.890 | 2.559 | 0.24 | |
| G1011.24L-8T38GX30 | | | 1.496 | 1.500 | 1.500 | 1.378 | 6.890 | 2.559 | 0.24 | |

Dimensional drawing shows right-hand version. | For T_{max} with diameters greater than D₂, see „Technical information – Grooving“ | $f = f_1 + s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.118–0.315 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 33 ft lbs |
| | Allen key | FS1464 (T20IP) |

Accessories

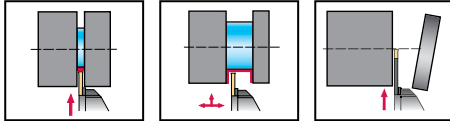
| | s [inch] | 0.118–0.315 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Radial grooving

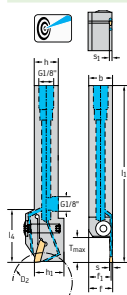
G1011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

| Designation | s mm | s inch | D _{max} inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|----------------------|---------|-----------|--------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G1011.12R-3T21GX24-P | 3 | 0.118 | 3.150 | 0.827 | 0.750 | 0.750 | 0.701 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.12R-3T33GX34-P | | | 5.512 | 1.299 | 0.750 | 0.750 | 0.703 | 5.906 | 2.087 | 0.094 | GX34-2E3 .. |
| G1011.16R-3T12GX24-P | | | 1.969 | 0.472 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.16R-3T21GX24-P | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | GX34-2E3 .. |
| G1011.16R-3T33GX34-P | | | 5.512 | 1.299 | 1.000 | 1.000 | 0.953 | 5.906 | 2.087 | 0.094 | GX34-2E3 .. |
| G1011.16R-4T33GX34-P | | | 4 | 0.157 | 5.512 | 1.299 | 1.000 | 1.000 | 0.937 | 5.906 | 2.087 |
| G1011.12L-3T21GX24-P | 3 | 0.118 | 3.150 | 0.827 | 0.750 | 0.750 | 0.701 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.12L-3T33GX34-P | | | 5.512 | 1.299 | 0.750 | 0.750 | 0.703 | 5.906 | 2.087 | 0.094 | GX34-2E3 .. |
| G1011.16L-3T12GX24-P | | | 1.969 | 0.472 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| G1011.16L-3T21GX24-P | | | 3.150 | 0.827 | 1.000 | 1.000 | 0.953 | 5.906 | 1.575 | 0.094 | GX34-2E3 .. |
| G1011.16L-3T33GX34-P | | | 5.512 | 1.299 | 1.000 | 1.000 | 0.953 | 5.906 | 2.087 | 0.094 | GX34-2E3 .. |
| G1011.16L-4T33GX34-P | | | 4 | 0.157 | 5.512 | 1.299 | 1.000 | 1.000 | 0.937 | 5.906 | 2.087 |

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.118 | 0.157 |
|--|---|-----------------------------|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 33 ft lbs | M06X025 ISO4762 12.9 (SW 5) |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) | FS2288 (SW 3) |
| | Allen key | FS1464 (T20IP) | ISO2936-5 (SW 5) |

Accessories

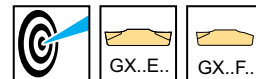
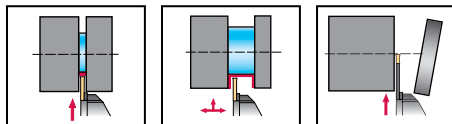
| | s [inch] D _{max} [inch] | 0.118 1.969–3.15 | 0.118–0.157 5.512 |
|--|-------------------------------------|---------------------|----------------------|
| | Torque screwdriver, analog | FS2004 | |
| | Torque screwdriver, digital | FS2248 | |
| | Torque T-handle | | FS2042 |
| | Interchangeable blade | FS2015 (T20IP) | FS2052 (SW 5) |

Shank tool – Radial grooving

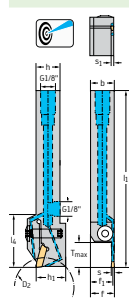
G1011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|----------------------|---------|-----------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------------|
| G1011.12R-4T21GX24-P | 4 | 0.157 | 0.827 | 0.750 | 0.750 | 0.685 | 5.906 | 1.575 | 0.134 | GX24-3E4 .. GX24-3F4 .. |
| G1011.16R-4T12GX24-P | | | 0.472 | 1.000 | 1.000 | 0.933 | 5.709 | 1.378 | 0.134 | |
| G1011.16R-4T21GX24-P | | | 0.827 | 1.000 | 1.000 | 0.933 | 5.906 | 1.575 | 0.134 | |
| G1011.16R-4T32GX24-P | | | 1.260 | 1.000 | 1.000 | 0.933 | 5.906 | 2.165 | 0.134 | |
| G1011.12R-5T21GX24-P | 5 | 0.197 | 0.827 | 0.750 | 0.750 | 0.669 | 5.906 | 1.575 | 0.165 | GX24-3E5 .. GX24-3F5 .. |
| G1011.16R-5T12GX24-P | | | 0.472 | 1.000 | 1.000 | 0.917 | 5.709 | 1.378 | 0.165 | |
| G1011.16R-5T21GX24-P | | | 0.827 | 1.000 | 1.000 | 0.917 | 5.906 | 1.575 | 0.165 | |
| G1011.16R-5T32GX24-P | | | 1.260 | 1.000 | 1.000 | 0.917 | 5.906 | 2.165 | 0.165 | |
| G1011.16R-6T12GX24-P | 6 | 0.236 | 0.472 | 1.000 | 1.000 | 0.898 | 5.709 | 1.378 | 0.205 | GX24-4E6 .. |
| G1011.16R-6T21GX24-P | | | 0.827 | 1.000 | 1.000 | 0.898 | 5.906 | 1.575 | 0.205 | |
| G1011.16R-6T32GX24-P | | | 1.260 | 1.000 | 1.000 | 0.898 | 5.906 | 2.165 | 0.205 | |
| G1011.12L-4T21GX24-P | 4 | 0.157 | 0.827 | 0.750 | 0.750 | 0.685 | 5.906 | 1.575 | 0.134 | GX24-3E4 .. GX24-3F4 .. |
| G1011.16L-4T12GX24-P | | | 0.827 | 1.000 | 1.000 | 0.933 | 5.906 | 1.575 | 0.134 | |
| G1011.16L-4T32GX24-P | | | 1.260 | 1.000 | 1.000 | 0.933 | 5.906 | 2.165 | 0.134 | |
| G1011.12L-5T21GX24-P | 5 | 0.197 | 0.827 | 0.750 | 0.750 | 0.669 | 5.906 | 1.575 | 0.165 | GX24-3E5 .. GX24-3F5 .. |
| G1011.16L-5T12GX24-P | | | 0.472 | 1.000 | 1.000 | 0.917 | 5.709 | 1.378 | 0.165 | |
| G1011.16L-5T21GX24-P | | | 0.827 | 1.000 | 1.000 | 0.917 | 5.906 | 1.575 | 0.165 | |
| G1011.16L-5T32GX24-P | | | 1.260 | 1.000 | 1.000 | 0.917 | 5.906 | 2.165 | 0.165 | |
| G1011.16L-6T12GX24-P | 6 | 0.236 | 0.827 | 1.000 | 1.000 | 0.898 | 5.906 | 1.575 | 0.205 | GX24-4E6 .. |
| G1011.16L-6T32GX24-P | | | 1.260 | 1.000 | 1.000 | 0.898 | 5.906 | 2.165 | 0.205 | |

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.157–0.236 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 3.688 lbs |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | Allen key | FS1464 (T20IP) |

Accessories

| | s [inch] | 0.157–0.236 |
|--|-----------------------------|----------------|
| | Torque screwdriver, analog | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Universal

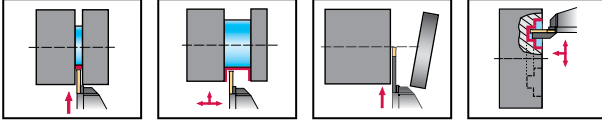
G1511

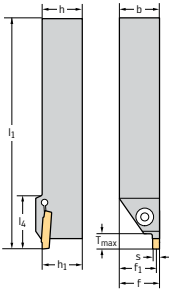
Walter Cut



A2

– Screw clamping



| Tool | | s | s | T _{max} | h = h ₁ | b | f ₁ | l ₁ | l ₄ | Type |
|---|--------------------|-----|-------------|------------------|--------------------|----|----------------|----------------|----------------|----------|
| | | mm | inch | mm | mm | mm | mm | mm | mm | |
|  | G1511.2020R-T6GX24 | 2-6 | 0.079-0.236 | 6 | 20 | 20 | 17.9 | 143.5 | 33.5 | GX24- .. |
| | G1511.2525R-T6GX24 | | | 6 | 25 | 25 | 22.9 | 143.5 | 33.5 | |
| | G1511.2020L-T6GX24 | 2-6 | 0.079-0.236 | 6 | 20 | 20 | 17.9 | 143.5 | 33.5 | GX24- .. |
| | G1511.2525L-T6GX24 | | | 6 | 25 | 25 | 22.9 | 143.5 | 33.5 | |


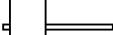

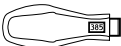

Square shank

Dimensional drawing shows right-hand version.

For information on the smallest possible axial groove [D_{min}], see "Technical information"

$$f = f_1 + s/2$$

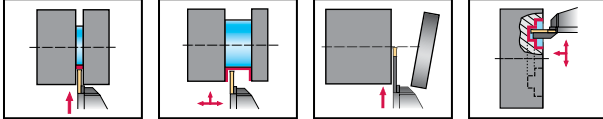
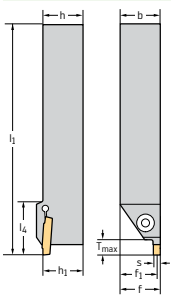
Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | 2-6 |
|---|---|--------|------------------------|
|  | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 5 Nm |
|  | Torx key | | FS1464 (T20IP) |
| Accessories | | s [mm] | 2-6 |
|  | Torque screwdriver, analogue | | FS2003 |
|  | Torque screwdriver, digital | | FS2248 |
|  | Interchangeable blade | | FS2015 (T20IP) |

Shank tool – Universal

 G1511 inch
Walter Cut


– Screw clamping


Tool


| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | Type |
|------------------|---------|-----------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|----------|
| G1511.12R-T6GX24 | 2-6 | 0.079- 0.236 | 0.236 | 0.750 | 0.750 | 0.665 | 5.61 | 1.319 | GX24- .. |
| G1511.16R-T6GX24 | | | 0.236 | 1.000 | 1.000 | 0.911 | 5.665 | 1.319 | |
| G1511.12L-T6GX24 | 2-6 | 0.079- 0.236 | 0.236 | 0.750 | 0.750 | 0.665 | 5.61 | 1.319 | GX24- .. |
| G1511.16L-T6GX24 | | | 0.236 | 1.000 | 1.000 | 0.911 | 5.665 | 1.319 | |

Square shank

Dimensional drawing shows right-hand version.
 For information on the smallest possible axial groove [D_{min}], see "Technical information"
 $f = f_1 + s/2$

Assembly parts

| | s [inch] | 0.079-0.236 |
|---|----------|-----------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 44 in lbs |
| Torx key | | FS1464 (T20IP) |

Accessories

| | s [inch] | 0.079-0.236 |
|------------------------------|----------|----------------|
| Torque screwdriver, analogue | | FS2004 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2015 (T20IP) |

Shank tool – 90° universal

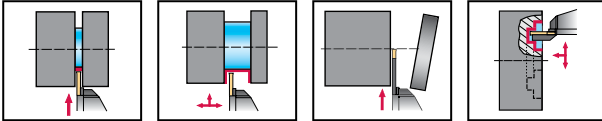
G1521

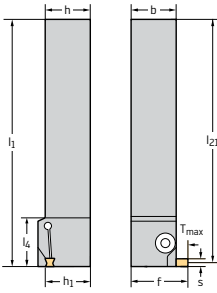
Walter Cut



A2

– Screw clamping



| Tool | | s | s | T _{max} | h = h ₁ | b | l ₁ | l ₄ | f ₁ | l ₂₁ | Type |
|---|--------------------|-----|-------------|------------------|--------------------|----|----------------|----------------|----------------|-----------------|----------|
| | | mm | inch | mm | mm | mm | mm | mm | mm | mm | |
|  | Designation | | | | | | | | | | |
| | G1521.2020R-T6GX24 | 2-6 | 0.079-0.236 | 6 | 20 | 20 | 137.85 | 27 | 26.5 | 134.9 | GX24- .. |
| | G1521.2525R-T6GX24 | | | 6 | 25 | 25 | 137.85 | 27 | 31.5 | 134.9 | |
| | G1521.2020L-T6GX24 | 2-6 | 0.079-0.236 | 6 | 20 | 20 | 137.85 | 27 | 26.5 | 134.9 | GX24- .. |
| | G1521.2525L-T6GX24 | | | 6 | 25 | 25 | 137.85 | 27 | 31.5 | 134.9 | |


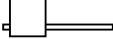



Square shank

Dimensional drawing shows right-hand version.

$$l_1 = l_{21} + s/2$$

For information on the smallest possible axial groove [D_{min}], see "Technical information"

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | 2-6 |
|---|---|--------|------------------------|
|  | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 5 Nm |
|  | Torx key | | FS1464 (T20IP) |
| Accessories | | s [mm] | 2-6 |
|  | Torque screwdriver, analogue | | FS2003 |
|  | Torque screwdriver, digital | | FS2248 |
|  | Interchangeable blade | | FS2015 (T20IP) |

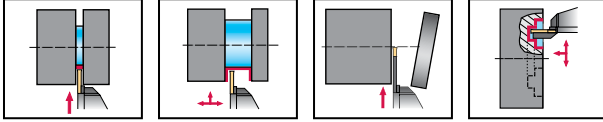
Shank tool – 90° universal

 G1521 inch

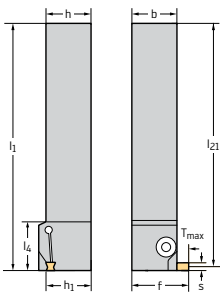
Walter Cut



– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | l ₁ inch | l ₄ inch | f ₁ inch | l ₂₁ inch | Type |
|------------------|---------|-----------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|-------------------------|----------|
| G1521.12R-T6GX24 | 2-6 | 0.079- 0.236 | 0.236 | 0.750 | 0.750 | 5.388 | 0.939 | 1.006 | 5.270 | GX24- .. |
| G1521.16R-T6GX24 | | | 0.236 | 1.000 | 1.000 | 5.443 | 0.994 | 1.256 | 5.325 | |
| G1521.16L-T6GX24 | 2-6 | 0.079- 0.236 | 0.236 | 1.000 | 1.000 | 5.443 | 0.994 | 1.256 | 5.325 | GX24- .. |

Square shank

Dimensional drawing shows right-hand version.

$$l_1 = l_{21} + s/2$$

 For information on the smallest possible axial groove [D_{min}], see "Technical information"

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.079-0.236 |
|---|----------|-----------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 44 in lbs |
| Torx key | | FS1464 (T20IP) |

Accessories

| | s [inch] | 0.079-0.236 |
|------------------------------|----------|----------------|
| Torque screwdriver, analogue | | FS2004 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2015 (T20IP) |

Shank tool – 45° universal

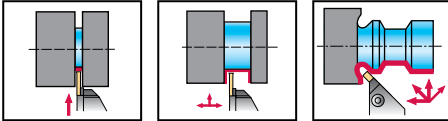
G1551

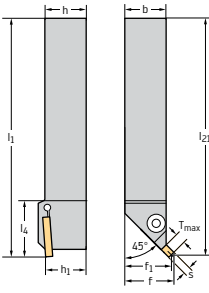
Walter Cut



A2

– Screw clamping



| Tool | | s | s | T _{max} | h = h ₁ | b | f ₁ | h ₁ | l ₄ | l ₂₁ | Type |
|---|--------------------|-----|-------------|------------------|--------------------|----|----------------|----------------|----------------|-----------------|----------|
| Designation | | mm | inch | mm | mm | mm | mm | mm | mm | mm | |
|  | G1551.2020R-T6GX24 | 2-6 | 0.079-0.236 | 6 | 20 | 20 | 23.2 | 146.75 | 33.1 | 143.1 | GX24- .. |
| | G1551.2525R-T6GX24 | | | 6 | 25 | 25 | 28.2 | 146.75 | 33.1 | 143.1 | |
| | G1551.2020L-T6GX24 | 2-6 | 0.079-0.236 | 6 | 20 | 20 | 23.2 | 146.75 | 33.1 | 143.1 | GX24- .. |
| | G1551.2525L-T6GX24 | | | 6 | 25 | 25 | 28.2 | 146.75 | 33.1 | 143.1 | |


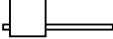



Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + 0.707 \times s/2$$

$$l_1 = l_{21} + 0.707 \times s/2$$

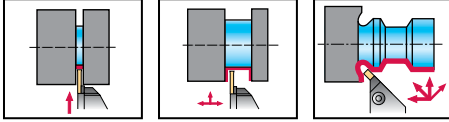
Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | 2-6 |
|---|---|--------|------------------------|
|  | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 5 Nm |
|  | Torx key | | FS1464 (T20IP) |
| Accessories | | s [mm] | 2-6 |
|  | Torque screwdriver, analogue | | FS2003 |
|  | Torque screwdriver, digital | | FS2248 |
|  | Interchangeable blade | | FS2015 (T20IP) |

Shank tool – 45° universal

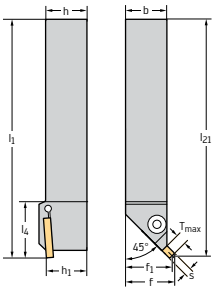
G1551 inch
Walter Cut


– Screw clamping



Tool

| Designation | s mm | s inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | l ₂₁ inch | Type |
|------------------|---------|-----------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|-------------------------|----------|
| G1551.12R-T6GX24 | 2–6 | 0.079– 0.236 | 0.236 | 0.750 | 0.750 | 0.874 | 5.74 | 1.264 | 5.594 | GX24- .. |
| G1551.16R-T6GX24 | | | 0.236 | 1.000 | 1.000 | 1.122 | 5.778 | 1.301 | 5.632 | |
| G1551.16L-T6GX24 | 2–6 | 0.079– 0.236 | 0.236 | 1.000 | 1.000 | 1.122 | 5.778 | 1.301 | 5.632 | GX24- .. |



Square shank

 Dimensional drawing shows right-hand version.
 Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] | 0.079–0.236 |
|--|---|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 44 in lbs |
| | Torx key | FS1464 (T20IP) |

Accessories

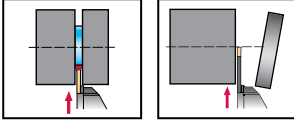
| | s [inch] | 0.079–0.236 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2004 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Deep parting blade

G1042

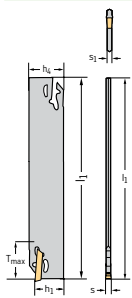
Walter Cut

– Self-clamping system



A2

Tool



Designation

s
mms
inchT_{max}
mmh₄
mmh₁
mmh₁
mms₁
mm

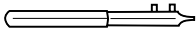
Type

| | | | | | | | | |
|--------------------|---|-------|----|----|-----|------|-----|----------------------------|
| G1042.26N-2T40GX24 | 2 | 0.079 | 40 | 26 | 108 | 21.1 | 1.5 | GX24-1E2 .. |
| G1042.32N-2T50GX24 | | | 50 | 32 | 149 | 24.8 | 1.5 | |
| G1042.26N-3T40GX24 | 3 | 0.118 | 40 | 26 | 108 | 21 | 2.3 | GX24-2E3 .. GX24-2F3 .. |
| G1042.32N-3T50GX24 | | | 50 | 32 | 149 | 24.7 | 2.3 | |
| G1042.26N-4T40GX24 | 4 | 0.157 | 40 | 26 | 108 | 20.9 | 3.2 | GX24-3E4 .. GX24-3F4 .. |
| G1042.32N-4T50GX24 | | | 50 | 32 | 149 | 24.6 | 3.2 | |
| G1042.32N-5T60GX24 | 5 | 0.197 | 60 | 32 | 149 | 24.5 | 3.9 | GX24-3E5 .. GX24-3F5 .. |
| G1042.32N-6T60GX24 | 6 | 0.236 | 60 | 32 | 149 | 24.4 | 4.7 | GX24-4E6 .. |

Accessories

s (mm)

2-6



Mounting wrench for grooving insert

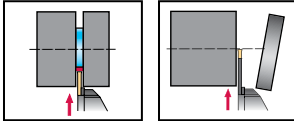
FS1494

Reinforced parting blade

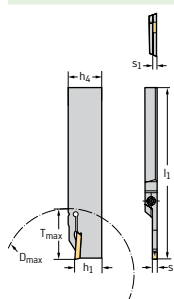
G1041

Walter Cut

– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|--------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1041.26R-2T23GX24 | 2 | 0.079 | 23 | 46 | 26 | 110 | 21 | 1.5 | GX24-1E2 .. |
| G1041.32R-2T32GX24 | | | 32 | 65 | 32 | 110 | 24.6 | 1.5 | |
| G1041.26R-3T23GX24 | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| G1041.32R-3T23GX24 | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32R-3T32GX24 | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32R-4T32GX24 | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |
| G1041.26L-2T23GX24 | 2 | 0.079 | 23 | 46 | 26 | 110 | 21 | 1.5 | GX24-1E2 .. |
| G1041.32L-2T32GX24 | | | 32 | 65 | 32 | 110 | 24.6 | 1.5 | |
| G1041.26L-3T23GX24 | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| G1041.32L-3T23GX24 | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32L-3T32GX24 | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32L-4T32GX24 | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |

Dimensional drawing shows right-hand version.

Assembly parts

| | s [mm] | 2-4 |
|---|--------|--------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2164 (T15IP) 3.5 Nm |

Accessories

| | s [mm] | 2-4 |
|---------------------------------|--------|----------------|
| Screwdriver for grooving insert | | FS1485 (T15IP) |
| Torque screwdriver, analogue | | FS2003 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2014 (T15IP) |

Reinforced parting blade

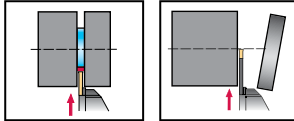
G1041...-P

Walter Cut

- Screw clamping
- Precision cooling



A2



| Tool | | s | s | T _{max} | D _{max} | h ₄ | l ₁ | h ₁ | s ₁ | Type | |
|------|----------------------|----|-------|------------------|------------------|----------------|----------------|----------------|----------------|----------------------------|----------------------------|
| | | mm | inch | mm | mm | mm | mm | mm | mm | | |
| | G1041.26R-3T23GX24-P | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. | |
| | G1041.32R-3T23GX24-P | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | | |
| | G1041.32R-3T32GX24-P | 32 | | 65 | 32 | 110 | 24.6 | 2.2 | | | |
| | G1041.32R-3T33GX34-P | 33 | | 65 | 32 | 110 | 24.6 | 2.4 | GX34-2E3 .. | | |
| | G1041.32R-4T32GX24-P | 4 | | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |
| | G1041.32R-4T33GX34-P | | | | 33 | 65 | 32 | 110 | 24.6 | 3.3 | GX34-3E4 .. |
| | G1041.26L-3T23GX24-P | 3 | 0.118 | | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| | G1041.32L-3T23GX24-P | | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| | G1041.32L-3T32GX24-P | | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| | G1041.32L-3T33GX34-P | | | | 33 | 65 | 32 | 110 | 24.6 | 2.4 | GX34-2E3 .. |
| | G1041.32L-4T32GX24-P | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. | |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | 3-4 |
|----------------|---|--------|--------------------------|
| | Clamping screw for grooving insert Tightening torque | | FS2164 (T15IP) 3.5 Nm |
| Accessories | | s [mm] | 3-4 |
| | Screwdriver for grooving insert | | FS1485 (T15IP) |
| | Torque screwdriver, analogue | | FS2003 |
| | Torque screwdriver, digital | | FS2248 |
| | Interchangeable blade | | FS2014 (T15IP) |

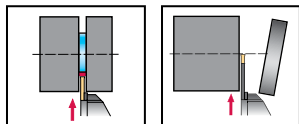
Reinforced parting blade – Contra

 G1041...C

Walter Cut



– Screw clamping



| Tool | Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|------|---------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| | G1041.26R-2T23GX24C | 2 | 0.079 | 23 | 46 | 26 | 110 | 21 | 1.5 | GX24-1E2 .. |
| | G1041.32R-2T32GX24C | | | 32 | 65 | 32 | 110 | 24.6 | 1.5 | |
| | G1041.26R-3T23GX24C | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| | G1041.32R-3T23GX24C | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| | G1041.32R-3T32GX24C | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| | G1041.32R-4T32GX24C | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |
| | G1041.26L-2T23GX24C | 2 | 0.079 | 23 | 46 | 26 | 110 | 21 | 1.5 | GX24-1E2 .. |
| | G1041.32L-2T32GX24C | | | 32 | 65 | 32 | 110 | 24.6 | 1.5 | |
| | G1041.26L-3T23GX24C | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| | G1041.32L-3T23GX24C | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| | G1041.32L-3T32GX24C | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| | G1041.32L-4T32GX24C | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-4 |
|--|---|--------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2164 (T15IP) 3.5 Nm |

Accessories

| | s [mm] | 2-4 |
|--|---------------------------------|----------------|
| | Screwdriver for grooving insert | FS1485 (T15IP) |
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2014 (T15IP) |

Reinforced parting blade – Contra

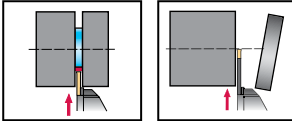
G1041...C-P mm

Walter Cut

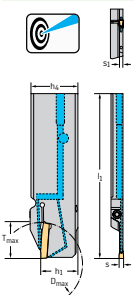
- Screw clamping
- Precision cooling



A2



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|-----------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1041.32R-2T23GX24C-P | 2 | 0.079 | 23 | 46 | 32 | 110 | 24.6 | 1.5 | GX24-1E2 .. |
| G1041.26R-3T23GX24C-P | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| G1041.32R-3T23GX24C-P | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32R-3T32GX24C-P | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32R-3T33GX34C-P | | | 33 | 65 | 32 | 110 | 24.6 | 2.4 | GX34-2E3 .. |
| G1041.32R-4T32GX24C-P | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |
| G1041.32R-4T33GX34C-P | | | 33 | 65 | 32 | 110 | 24.6 | 3.3 | GX34-3E4 .. |
| G1041.32L-2T23GX24C-P | 2 | 0.079 | 23 | 46 | 32 | 110 | 24.6 | 1.5 | GX24-1E2 .. |
| G1041.26L-3T23GX24C-P | 3 | 0.118 | 23 | 46 | 26 | 110 | 21 | 2.2 | GX24-2E3 .. GX24-2F3 .. |
| G1041.32L-3T23GX24C-P | | | 23 | 46 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32L-3T32GX24C-P | | | 32 | 65 | 32 | 110 | 24.6 | 2.2 | |
| G1041.32L-3T33GX34C-P | | | 33 | 65 | 32 | 110 | 24.6 | 2.4 | GX34-2E3 .. |
| G1041.32L-4T32GX24C-P | 4 | 0.157 | 32 | 65 | 32 | 110 | 24.6 | 3.1 | GX24-3E4 .. GX24-3F4 .. |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2-4 |
|---|--------|--------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2164 (T15IP) 3.5 Nm |

Accessories

| | s [mm] | 2-4 |
|---------------------------------|--------|----------------|
| Screwdriver for grooving insert | | FS1485 (T15IP) |
| Torque screwdriver, analogue | | FS2003 |
| Torque screwdriver, digital | | FS2248 |
| Interchangeable blade | | FS2014 (T15IP) |

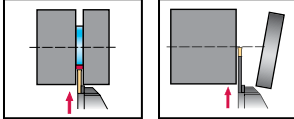
Deep parting blade

XLCFN

Walter Cut



– Screw clamping



| Tool | | | | | | | | | |
|------|-------------------|---------|-----------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| | Designation | s mm | s inch | T _{max} mm | h ₄ mm | h ₁ mm | h ₁ mm | s ₁ mm | Type |
| | XLCFN3203-GX24-2S | 3 | 0.118 | 21 | 32 | 179 | 24.2 | | GX24-2E3 .. GX24-2F3 .. |
| | XLCFN3204-GX24-3S | 4 | 0.157 | 21 | 32 | 179 | 24.2 | | GX24-3E4 .. GX24-3F4 .. |
| | XLCFN3206-GX24-4S | 6 | 0.236 | 21 | 32 | 179 | 24.2 | | GX24-4E6 .. |

| Assembly parts | | |
|----------------|--------|-----|
| | s [mm] | 3–6 |

| | | |
|--|---|----------------------|
| | Clamping screw for grooving insert Tightening torque | FS1342 (T15) 2 Nm |
|--|---|----------------------|

| Accessories | | |
|-------------|--------|-----|
| | s [mm] | 3–6 |

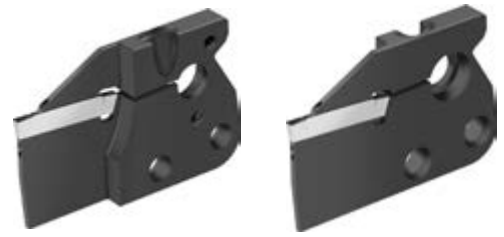
| | | |
|--|--------------------------------|--------------|
| | Handle key for grooving insert | FS1047 (T15) |
|--|--------------------------------|--------------|

Grooving module – Radial grooving

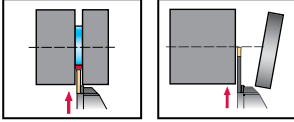
G1634-P

Walter Cut

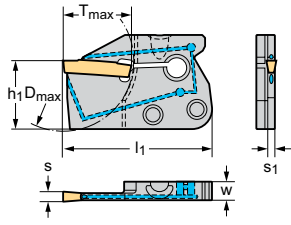
- Screw clamping
- Replacement module



A2



Tool

| | Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Type |
|---|----------------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------------------|
|  | G1634-33R-2T21GX24-P | 2 | 0.079 | 21 | 42 | 24 | 7.2 | 49 | 1.5 | GX24-1E2 .. |
| | G1634-33L-2T21GX24-P | 2 | 0.079 | 21 | 42 | 24 | 7.2 | 49 | 1.5 | GX24-1E2 .. |
| | G1634-33L-3T21GX24-P | 3 | 0.118 | 21 | 42 | 24 | 7.2 | 49 | 2.4 | GX24-2E3 .. GX24-2F3 .. |

Dimensional drawing shows right-hand version.

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.

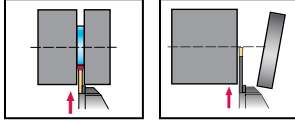
The maximum recommended coolant pressure is 150 bar (2175 psi)

Grooving module – Radial grooving

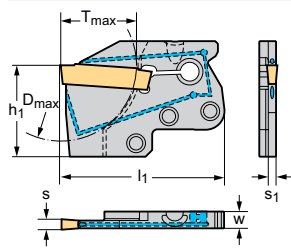
G1634-P

Walter Cut

- Screw clamping
- Replacement module



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|-------------|
| G1634-43R-3T27GX34-P | 3 | 0.118 | 27 | 52 | 24 | 7.2 | 55 | 2.4 | GX34-2E3 .. |
| G1634-43R-3T33GX34-P | | | 33 | 65 | 24 | 7.2 | 61 | 2.4 | |
| G1634-43L-3T27GX34-P | 3 | 0.118 | 27 | 52 | 24 | 7.2 | 55 | 2.4 | GX34-2E3 .. |
| G1634-43L-3T33GX34-P | | | 33 | 65 | 24 | 7.2 | 61 | 2.4 | |
| G1634-43L-4T33GX34-P | 4 | 0.157 | 33 | 65 | 24 | 7.2 | 61 | 3.3 | GX34-3E4 .. |

Dimensional drawing shows right-hand version.

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.
The maximum recommended coolant pressure is 150 bar (2175 psi)

Grooving module – Radial grooving

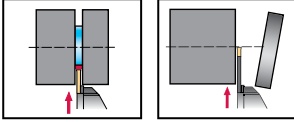
G1332

Walter Cut

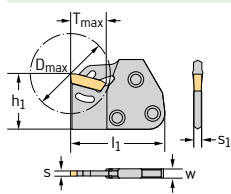
- Self-clamping system
- Replacement module



A2



Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Type |
|-------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|------|
|-------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|------|

G1332.IMR-GAD3N-GX24

3

0.118

15

32

24

4

52

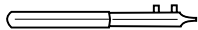
2.2

GX24-2E3 ..
GX24-2F3 ..

Accessories

s [mm]

3



Mounting wrench for grooving insert

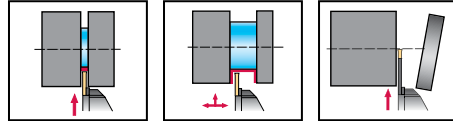
FS1494

Grooving module – Radial grooving

 MSS...E...

Walter Cut

– Screw clamping



| Tool | Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type |
|-------------------|-------------------|---------------|---------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------------------|----------------------------|
| | MSS-E20R03-GX16-2 | 0.6 - 3 | 0.024 - 0.118 | 3 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-0E .. |
| | MSS-E25R03-GX16-2 | | | 3 | 79 | 20 | 5.9 | 38 | 2 | E25 | GX16-1E .. |
| | MSS-E32R03-GX16-2 | | | 3 | 100 | 25.5 | | 45 | 2 | E32 | GX16-2E .. |
| | MSS-E20R12-GX16-1 | 2 | 0.079 | 12 | 63 | 16 | 4.4 | 33 | 1.3 | E20 | GX16-1E2 .. |
| | MSS-E25R12-GX16-1 | | | 12 | 79 | 20 | 5.9 | 38 | 1.3 | E25 | |
| | MSS-E20R12-GX16-2 | 3 | 0.118 | 12 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-2E3 .. |
| | MSS-E20R21-GX24-2 | | | 21 | 63 | 16 | 4.4 | 42 | 2 | E20 | GX24-2E3 .. GX24-2F3 .. |
| | MSS-E25R12-GX16-2 | | | 12 | 79 | 20 | 5.9 | 38 | 2 | E25 | GX16-2E3 .. |
| | MSS-E25R21-GX24-2 | | | 21 | 79 | 20 | 5.9 | 47 | 2 | E25 | GX24-2E3 .. GX24-2F3 .. |
| | MSS-E32R12-GX16-2 | | | 12 | 100 | 25.5 | | 45 | 2 | E32 | GX16-2E3 .. |
| | MSS-E32R21-GX24-2 | | | 21 | 100 | 25.5 | | 54 | 2 | E32 | GX24-2E3 .. GX24-2F3 .. |
| | MSS-E20R12-GX16-3 | 4 - 5 | 0.157 - 0.197 | 12 | 63 | 16 | 4.4 | 33 | 3 | E20 | GX16-3E .. |
| | MSS-E25R12-GX16-3 | | | 12 | 79 | 20 | 5.9 | 38 | 3 | E25 | |
| | MSS-E25R21-GX24-3 | | | 21 | 79 | 20 | 5.9 | 47 | 3 | E25 | GX24-3E .. GX24-3F .. |
| | MSS-E32R12-GX16-3 | | | 12 | 100 | 25.5 | | 45 | 3 | E32 | GX16-3E .. |
| MSS-E32R21-GX24-3 | 21 | | | 100 | 25.5 | | 54 | 3 | E32 | GX24-3E .. GX24-3F .. | |
| MSS-E25R12-GX16-4 | 6 | 0.236 | 12 | 79 | 20 | 5.9 | 38 | 4.2 | E25 | GX16-4E6 .. | |
| MSS-E25R21-GX24-4 | | | 21 | 79 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. | |
| MSS-E32R21-GX24-4 | | | 21 | 100 | 25.5 | | 54 | 4.2 | E32 | | |
| MSS-E25R21-GX24-5 | 8 | 0.315 | 21 | 79 | 20 | 5.9 | 47 | 5.9 | E25 | GX24-5R .. | |
| MSS-E20L03-GX16-2 | 0.6 - 3 | 0.024 - 0.118 | 3 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-0E .. | |
| MSS-E25L03-GX16-2 | | | 3 | 79 | 20 | 5.9 | 38 | 2 | E25 | GX16-1E .. | |
| MSS-E32L03-GX16-2 | | | 3 | 100 | 25.5 | 5.9 | 45 | 2 | E32 | GX16-2E .. | |
| MSS-E20L12-GX16-1 | 2 | 0.079 | 12 | 63 | 16 | 4.4 | 33 | 1.3 | E20 | GX16-1E2 .. | |
| MSS-E25L12-GX16-1 | | | 12 | 79 | 20 | 5.9 | 38 | 1.3 | E25 | | |
| MSS-E20L12-GX16-2 | 3 | 0.118 | 12 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-2E3 .. | |
| MSS-E20L21-GX24-2 | | | 21 | 63 | 16 | 4.4 | 42 | 2 | E20 | GX24-2E3 .. GX24-2F3 .. | |
| MSS-E25L12-GX16-2 | | | 12 | 79 | 20 | 5.9 | 38 | 2 | E25 | GX16-2E3 .. | |
| MSS-E25L21-GX24-2 | | | 21 | 79 | 20 | 5.9 | 47 | 2 | E25 | GX24-2E3 .. GX24-2F3 .. | |
| MSS-E32L12-GX16-2 | | | 12 | 100 | 25.5 | 5.9 | 45 | 2 | E32 | GX16-2E3 .. | |
| MSS-E32L21-GX24-2 | | | 21 | 100 | 25.5 | 5.9 | 54 | 2 | E32 | GX24-2E3 .. GX24-2F3 .. | |
| MSS-E20L12-GX16-3 | 4 - 5 | 0.157 - 0.197 | 12 | 63 | 16 | 4.4 | 33 | 3 | E20 | GX16-3E .. | |
| MSS-E25L12-GX16-3 | | | 12 | 79 | 20 | 5.9 | 38 | 3 | E25 | | |
| MSS-E25L21-GX24-3 | | | 21 | 79 | 20 | 5.9 | 47 | 3 | E25 | GX24-3E .. GX24-3F .. | |
| MSS-E32L12-GX16-3 | | | 12 | 100 | 25.5 | 5.9 | 45 | 3 | E32 | GX16-3E .. | |
| MSS-E32L21-GX24-3 | | | 21 | 100 | 25.5 | 5.9 | 54 | 3 | E32 | GX24-3E .. GX24-3F .. | |
| MSS-E25L12-GX16-4 | 6 | 0.236 | 12 | 79 | 20 | 5.9 | 38 | 4.2 | E25 | GX16-4E6 .. | |
| MSS-E25L21-GX24-4 | | | 21 | 79 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. | |
| MSS-E32L21-GX24-4 | | | 21 | 100 | 25.5 | 5.9 | 54 | 4.2 | E32 | | |
| MSS-E25L21-GX24-5 | 8 | 0.315 | 21 | 79 | 20 | 5.9 | 47 | 5.9 | E25 | GX24-5R .. | |

 Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com

Shank tool – Axial grooving

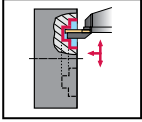
G1111

Walter Cut

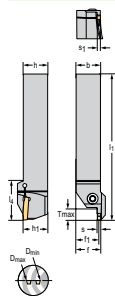


A2

– Screw clamping



Tool



Square shank

| Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₂ mm | l ₄ mm | s ₁ mm | Type |
|--------------------------|---------|-----------|------------------------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1111.2525R-3T12-034GX24 | 3 | 0.118 | 12 | 34 | 44 | 25 | 25 | 24.7 | 150 | 40 | 40 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1111.2525R-3T12-042GX24 | | | 12 | 42 | 60 | 25 | 25 | 24.7 | 150 | 40 | 40 | 2.4 | |
| G1111.2525R-3T12-054GX24 | | | 12 | 54 | 75 | 25 | 25 | 24.6 | 150 | 40 | 40 | 2.4 | |
| G1111.2525R-3T12-067GX24 | | | 12 | 67 | 100 | 25 | 25 | 24.6 | 150 | 40 | 40 | 2.4 | |
| G1111.2525R-3T12-090GX24 | | | 12 | 90 | 160 | 25 | 25 | 24.6 | 150 | 40 | 40 | 2.4 | |
| G1111.2525R-3T12-130GX24 | | | 12 | 130 | 300 | 25 | 25 | 24.6 | 150 | 40 | 40 | 2.4 | |
| G1111.2525R-3T19-054GX24 | | | 19 | 54 | 75 | 25 | 25 | 24.7 | 152 | 42 | 42 | 2.4 | |
| G1111.2525R-3T22-067GX24 | | | 22 | 67 | 100 | 25 | 25 | 24.7 | 154 | 44 | 44 | 2.3 | |
| G1111.2525R-3T22-090GX24 | | | 22 | 90 | 160 | 25 | 25 | 24.6 | 154 | 44 | 44 | 2.3 | |
| G1111.2525R-3T22-130GX24 | | | 22 | 130 | 300 | 25 | 25 | 24.6 | 154 | 44 | 44 | 2.3 | |
| G1111.2525R-4T12-040GX24 | 4 | 0.157 | 12 | 40 | 60 | 25 | 25 | 24.1 | 150 | 40 | 40 | 3.3 | GX24-3E4 .. GX24-3F4 .. |
| G1111.2525R-4T12-052GX24 | | | 12 | 52 | 72 | 25 | 25 | 24.1 | 150 | 40 | 40 | 3.3 | |
| G1111.2525R-4T12-064GX24 | | | 12 | 64 | 100 | 25 | 25 | 24.1 | 150 | 40 | 40 | 3.3 | |
| G1111.2525R-4T12-092GX24 | | | 12 | 92 | 140 | 25 | 25 | 24.1 | 150 | 40 | 40 | 3.3 | |
| G1111.2525R-4T12-132GX24 | | | 12 | 132 | 230 | 25 | 25 | 24.1 | 150 | 40 | 40 | 3.3 | |
| G1111.2525R-4T12-220GX24 | | | 12 | 220 | 500 | 25 | 25 | 24.1 | 150 | 40 | 40 | 3.3 | |
| G1111.2525R-4T20-040GX24 | | | 20 | 40 | 60 | 25 | 25 | 24.3 | 152 | 42 | 42 | 3.3 | |
| G1111.2525R-4T20-052GX24 | | | 20 | 52 | 72 | 25 | 25 | 24.2 | 152 | 42 | 42 | 3.3 | |
| G1111.2525R-4T25-064GX24 | | | 25 | 64 | 100 | 25 | 25 | 24.1 | 156 | 46 | 46 | 3.3 | |
| G1111.2525R-4T25-092GX24 | | | 25 | 92 | 140 | 25 | 25 | 24.1 | 156 | 46 | 46 | 3.3 | |
| G1111.2525R-4T25-132GX24 | 25 | 132 | 230 | 25 | 25 | 24.1 | 156 | 46 | 46 | 3.3 | | | |
| G1111.2525R-4T25-220GX24 | 25 | 220 | 500 | 25 | 25 | 24.1 | 156 | 46 | 46 | 3.3 | | | |
| G1111.2525R-5T12-040GX24 | 5 | 0.197 | 12 | 40 | 70 | 25 | 25 | 23.7 | 150 | 40 | 40 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1111.2525R-5T12-060GX24 | | | 12 | 60 | 95 | 25 | 25 | 23.7 | 150 | 40 | 40 | 4.2 | |
| G1111.2525R-5T12-085GX24 | | | 12 | 85 | 130 | 25 | 25 | 23.7 | 150 | 40 | 40 | 4.2 | |
| G1111.2525R-5T12-120GX24 | | | 12 | 120 | 180 | 25 | 25 | 23.7 | 150 | 40 | 40 | 4.2 | |
| G1111.2525R-5T12-175GX24 | | | 12 | 175 | 500 | 25 | 25 | 23.6 | 150 | 40 | 40 | 4.1 | |
| G1111.2525R-5T20-040GX24 | | | 20 | 40 | 70 | 25 | 25 | 23.8 | 152 | 42 | 42 | 4.2 | |
| G1111.2525R-5T20-060GX24 | | | 20 | 60 | 95 | 25 | 25 | 23.7 | 152 | 42 | 42 | 4.2 | |
| G1111.2525R-5T25-085GX24 | | | 25 | 85 | 130 | 25 | 25 | 23.7 | 156 | 46 | 46 | 4.2 | |
| G1111.2525R-5T25-120GX24 | | | 25 | 120 | 180 | 25 | 25 | 23.7 | 156 | 46 | 46 | 4.2 | |
| G1111.2525R-5T25-175GX24 | | | 25 | 175 | 500 | 25 | 25 | 23.7 | 156 | 46 | 46 | 4.2 | |
| G1111.2525R-6T12-040GX24 | 6 | 0.236 | 12 | 40 | 70 | 25 | 25 | 23.2 | 150 | 40 | 40 | 5 | GX24-4E6 .. |
| G1111.2525R-6T12-058GX24 | | | 12 | 58 | 100 | 25 | 25 | 23.2 | 150 | 40 | 40 | 5 | |
| G1111.2525R-6T12-088GX24 | | | 12 | 88 | 180 | 25 | 25 | 23.2 | 150 | 40 | 40 | 5 | |
| G1111.2525R-6T12-168GX24 | | | 12 | 168 | 400 | 25 | 25 | 23.2 | 150 | 40 | 40 | 5 | |
| G1111.2525R-6T20-040GX24 | | | 20 | 40 | 70 | 25 | 25 | 23.3 | 152 | 42 | 42 | 5 | |
| G1111.2525R-6T25-058GX24 | | | 25 | 58 | 100 | 25 | 25 | 23.2 | 156 | 46 | 46 | 5 | |

Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery




A2

| Tool | Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | h ₁ mm | l ₄ mm | s ₁ mm | Type | | |
|--------------------------|--------------------------|---------|-----------|------------------------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|----------------------------|----------------------------|
| <p>Square shank</p> | G1111.2525R-6T25-088GX24 | 6 | 0.236 | 25 | 88 | 180 | 25 | 25 | 23.2 | 156 | 46 | 5 | GX24-4E6 .. | | |
| | G1111.2525R-6T25-168GX24 | | | 25 | 168 | 400 | 25 | 25 | 23.2 | 156 | 46 | 5 | | | |
| | G1111.2525L-3T12-034GX24 | 3 | 0.118 | 12 | 34 | 44 | 25 | 25 | 24.7 | 150 | 40 | 2.4 | GX24-2E3 .. GX24-2F3 .. | | |
| | G1111.2525L-3T12-042GX24 | | | 12 | 42 | 60 | 25 | 25 | 24.7 | 150 | 40 | 2.4 | | | |
| | G1111.2525L-3T12-054GX24 | | | 12 | 54 | 75 | 25 | 25 | 24.6 | 150 | 40 | 2.4 | | | |
| | G1111.2525L-3T12-067GX24 | | | 12 | 67 | 100 | 25 | 25 | 24.6 | 150 | 40 | 2.4 | | | |
| | G1111.2525L-3T12-090GX24 | | | 12 | 90 | 160 | 25 | 25 | 24.6 | 150 | 40 | 2.4 | | | |
| | G1111.2525L-3T12-130GX24 | | | 12 | 130 | 300 | 25 | 25 | 24.6 | 150 | 40 | 2.4 | | | |
| | G1111.2525L-3T19-054GX24 | | | 19 | 54 | 75 | 25 | 25 | 24.7 | 152 | 42 | 2.4 | | | |
| | G1111.2525L-3T22-067GX24 | | | 22 | 67 | 100 | 25 | 25 | 24.7 | 154 | 44 | 2.4 | | | |
| | G1111.2525L-3T22-090GX24 | | | 22 | 90 | 160 | 25 | 25 | 24.6 | 154 | 44 | 2.4 | | | |
| | G1111.2525L-3T22-130GX24 | | | 22 | 130 | 300 | 25 | 25 | 24.6 | 154 | 44 | 2.4 | | | |
| | G1111.2525L-4T12-040GX24 | | | 4 | 0.157 | 12 | 40 | 60 | 25 | 25 | 24.1 | 150 | 40 | 3.3 | GX24-3E4 .. GX24-3F4 .. |
| | G1111.2525L-4T12-052GX24 | | | | | 12 | 52 | 72 | 25 | 25 | 24.1 | 150 | 40 | 3.3 | |
| | G1111.2525L-4T12-064GX24 | | | | | 12 | 64 | 100 | 25 | 25 | 24.1 | 150 | 40 | 3.3 | |
| G1111.2525L-4T12-092GX24 | 12 | 92 | 140 | | | 25 | 25 | 24.1 | 150 | 40 | 3.3 | | | | |
| G1111.2525L-4T12-132GX24 | 12 | 132 | 230 | | | 25 | 25 | 24.1 | 150 | 40 | 3.3 | | | | |
| G1111.2525L-4T12-220GX24 | 12 | 220 | 500 | | | 25 | 25 | 24.1 | 150 | 40 | 3.3 | | | | |
| G1111.2525L-4T20-040GX24 | 20 | 40 | 60 | | | 25 | 25 | 24.3 | 152 | 42 | 3.3 | | | | |
| G1111.2525L-4T20-052GX24 | 20 | 52 | 72 | | | 25 | 25 | 24.2 | 152 | 42 | 3.3 | | | | |
| G1111.2525L-4T25-064GX24 | 25 | 64 | 100 | | | 25 | 25 | 24.1 | 156 | 46 | 3.3 | | | | |
| G1111.2525L-4T25-092GX24 | 25 | 92 | 140 | | | 25 | 25 | 24.1 | 156 | 46 | 3.3 | | | | |
| G1111.2525L-4T25-132GX24 | 25 | 132 | 230 | | | 25 | 25 | 24.1 | 156 | 46 | 3.3 | | | | |
| G1111.2525L-4T25-220GX24 | 25 | 220 | 500 | | | 25 | 25 | 24.1 | 156 | 46 | 3.3 | | | | |
| G1111.2525L-5T12-040GX24 | 5 | 0.197 | 12 | | | 40 | 70 | 25 | 25 | 23.7 | 150 | 40 | 4.2 | GX24-3E5 .. GX24-3F5 .. | |
| G1111.2525L-5T12-060GX24 | | | 12 | 60 | 95 | 25 | 25 | 23.7 | 150 | 40 | 4.2 | | | | |
| G1111.2525L-5T12-085GX24 | | | 12 | 85 | 130 | 25 | 25 | 23.7 | 150 | 40 | 4.2 | | | | |
| G1111.2525L-5T12-120GX24 | | | 12 | 120 | 180 | 25 | 25 | 23.7 | 150 | 40 | 4.2 | | | | |
| G1111.2525L-5T12-175GX24 | | | 12 | 175 | 500 | 25 | 25 | 23.6 | 150 | 40 | 4.1 | | | | |
| G1111.2525L-5T20-040GX24 | | | 20 | 40 | 70 | 25 | 25 | 23.8 | 152 | 42 | 4.2 | | | | |
| G1111.2525L-5T20-060GX24 | | | 20 | 60 | 95 | 25 | 25 | 23.7 | 152 | 42 | 4.2 | | | | |
| G1111.2525L-5T25-085GX24 | | | 25 | 85 | 130 | 25 | 25 | 23.7 | 156 | 46 | 4.2 | | | | |
| G1111.2525L-5T25-120GX24 | | | 25 | 120 | 180 | 25 | 25 | 23.7 | 156 | 46 | 4.2 | | | | |
| G1111.2525L-5T25-175GX24 | | | 25 | 175 | 500 | 25 | 25 | 23.2 | 156 | 46 | 4.2 | | | | |
| G1111.2525L-6T12-040GX24 | | | 6 | 0.236 | 12 | 40 | 70 | 25 | 25 | 23.2 | 150 | 40 | 5 | GX24-4E6 .. | |
| G1111.2525L-6T12-058GX24 | | | | | 12 | 58 | 100 | 25 | 25 | 23.2 | 150 | 40 | 5 | | |
| G1111.2525L-6T12-088GX24 | | | | | 12 | 88 | 180 | 25 | 25 | 23.2 | 150 | 40 | 5 | | |
| G1111.2525L-6T12-168GX24 | 12 | 168 | | | 400 | 25 | 25 | 23.2 | 150 | 40 | 5 | | | | |
| G1111.2525L-6T20-040GX24 | 20 | 40 | | | 70 | 25 | 25 | 23.3 | 152 | 42 | 5 | | | | |
| G1111.2525L-6T25-058GX24 | 25 | 58 | | | 100 | 25 | 25 | 23.2 | 156 | 46 | 5 | | | | |
| G1111.2525L-6T25-088GX24 | 25 | 88 | | | 180 | 25 | 25 | 23.2 | 156 | 46 | 5 | | | | |
| G1111.2525L-6T25-168GX24 | 25 | 168 | | | 400 | 25 | 25 | 23.2 | 156 | 46 | 5 | | | | |

Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | s [mm] h = h ₁ [mm] | 3-6 25 |
|---|-----------------------------------|------------------------|
| <p>Clamping screw for grooving insert Tightening torque</p> | | FS2118 (T20IP) 5 Nm |
| <p>Allen key</p> | | FS1464 (T20IP) |

Accessories

| | s [mm] h = h ₁ [mm] | 3-6 25 |
|---|-----------------------------------|----------------|
|  | Torque screwdriver, analog | FS2003 |
|  | Torque screwdriver, digital | FS2248 |
|  | Interchangeable blade | FS2015 (T20IP) |

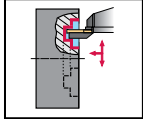
A2

Shank tool – Axial grooving

G1111...-P mm

Walter Cut

- Precision cooling
- Screw clamping



Tool

| Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|--------------------------|---------|-----------|------------------------|------------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|----------------------------|
| G1111.2525R-5T33060GX24P | 5 | 0.197 | 33 | 60 | 95 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1111.2525R-5T33085GX24P | | | 33 | 85 | 130 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | |
| G1111.2525R-5T33120GX24P | | | 33 | 120 | 180 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | |
| G1111.2525R-5T33175GX24P | | | 33 | 175 | 500 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | |
| G1111.2525L-5T33060GX24P | 5 | 0.197 | 33 | 60 | 95 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1111.2525L-5T33085GX24P | | | 33 | 85 | 130 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | |
| G1111.2525L-5T33120GX24P | | | 33 | 120 | 180 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | |
| G1111.2525L-5T33175GX24P | | | 33 | 175 | 500 | 25 | 25 | 23.7 | 145 | 50 | 4.2 | |

Square shank

Dimensional drawing shows right-hand version.
 The maximum recommended coolant pressure is 150 bar (2175 psi)
 $F = f_1 + s/2$
 Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 5 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |
| | Torx key | FS1464 (T20IP) |

Accessories

| | s [mm] | 5 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Shank tool – Axial grooving

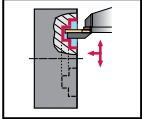
G1111 inch

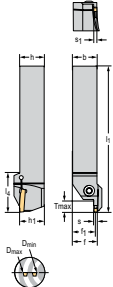
Walter Cut



A2



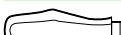
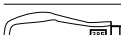

– Screw clamping



| Tool | | s | s | T _{max} | D _{min} | D _{max} | h = h ₁ | b | f ₁ | l ₁ | l ₄ | s ₁ | Type |
|---|------------------------|-------|-------|------------------|------------------|------------------|--------------------|-------|----------------|----------------|----------------|----------------------------|----------------------------|
| | | mm | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | |
|  <p>Square shank</p> | Designation | | | | | | | | | | | | |
| | G1111.16R-3T12-034GX24 | 3 | 0.118 | 0.472 | 1.339 | 1.732 | 1.000 | 1.000 | 0.989 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. |
| | G1111.16R-3T12-042GX24 | | | 0.472 | 1.654 | 2.362 | 1.000 | 1.000 | 0.987 | 5.906 | 1.654 | 0.094 | |
| | G1111.16R-3T19-054GX24 | | | 0.748 | 2.126 | 2.953 | 1.000 | 1.000 | 0.987 | 5.984 | 1.654 | 0.094 | |
| | G1111.16R-3T22-067GX24 | | | 0.866 | 2.638 | 3.937 | 1.000 | 1.000 | 0.987 | 6.063 | 1.732 | 0.091 | |
| | G1111.16R-3T22-090GX24 | | | 0.866 | 3.543 | 6.299 | 1.000 | 1.000 | 0.984 | 6.063 | 1.732 | 0.091 | |
| | G1111.16R-3T22-130GX24 | | | 0.866 | 5.118 | 11.811 | 1.000 | 1.000 | 0.984 | 6.063 | 1.732 | 0.091 | |
| | G1111.16R-4T20-040GX24 | 4 | 0.157 | 0.787 | 1.575 | 2.756 | 1.000 | 1.000 | 0.97 | 5.984 | 1.654 | 0.130 | GX24-3E4 .. GX24-3F4 .. |
| | G1111.16R-4T20-052GX24 | | | 0.787 | 2.047 | 2.835 | 1.000 | 1.000 | 0.968 | 5.984 | 1.654 | 0.130 | |
| | G1111.16R-4T25-064GX24 | | | 0.984 | 2.520 | 3.937 | 1.000 | 1.000 | 0.966 | 6.142 | 1.811 | 0.130 | |
| | G1111.16R-4T25-092GX24 | | | 0.984 | 3.622 | 5.512 | 1.000 | 1.000 | 0.963 | 6.142 | 1.811 | 0.130 | |
| | G1111.16R-4T25-132GX24 | | | 0.984 | 5.197 | 9.055 | 1.000 | 1.000 | 0.963 | 6.142 | 1.811 | 0.130 | |
| G1111.16R-4T25-220GX24 | 0.984 | | | 8.661 | 19.685 | 1.000 | 1.000 | 0.963 | 6.142 | 1.811 | 0.130 | | |
| G1111.16R-6T20-040GX24 | 6 | 0.236 | 0.787 | 1.575 | 2.756 | 1.000 | 1.000 | 0.933 | 5.984 | 1.654 | 0.201 | GX24-4E6 .. | |
| G1111.16R-6T25-058GX24 | | | 0.984 | 2.283 | 3.937 | 1.000 | 1.000 | 0.930 | 6.142 | 1.811 | 0.197 | | |
| G1111.16R-6T25-088GX24 | | | 0.984 | 3.465 | 7.087 | 1.000 | 1.000 | 0.927 | 6.142 | 1.811 | 0.197 | | |
| G1111.16R-6T25-168GX24 | | | 0.984 | 6.614 | 15.748 | 1.000 | 1.000 | 0.927 | 6.142 | 1.811 | 0.197 | | |
| G1111.16L-3T12-034GX24 | 3 | 0.118 | 0.472 | 1.339 | 1.732 | 1.000 | 1.000 | 0.989 | 5.906 | 1.575 | 0.094 | GX24-2E3 .. GX24-2F3 .. | |
| G1111.16L-3T12-042GX24 | | | 0.472 | 1.654 | 2.362 | 1.000 | 1.000 | 0.987 | 5.906 | 1.654 | 0.094 | | |
| G1111.16L-3T19-054GX24 | | | 0.748 | 2.126 | 2.953 | 1.000 | 1.000 | 0.987 | 5.984 | 1.654 | 0.094 | | |
| G1111.16L-3T22-067GX24 | | | 0.866 | 2.638 | 3.937 | 1.000 | 1.000 | 0.987 | 6.063 | 1.732 | 0.091 | | |
| G1111.16L-3T22-090GX24 | | | 0.866 | 3.543 | 6.299 | 1.000 | 1.000 | 0.984 | 6.063 | 1.732 | 0.091 | | |
| G1111.16L-3T22-130GX24 | | | 0.866 | 5.118 | 11.811 | 1.000 | 1.000 | 0.984 | 6.063 | 1.732 | 0.091 | | |
| G1111.16L-4T20-040GX24 | 4 | 0.157 | 0.787 | 1.575 | 2.756 | 1.000 | 1.000 | 0.97 | 5.984 | 1.654 | 0.130 | GX24-3E4 .. GX24-3F4 .. | |
| G1111.16L-4T20-052GX24 | | | 0.787 | 2.047 | 2.835 | 1.000 | 1.000 | 0.968 | 5.984 | 1.654 | 0.130 | | |
| G1111.16L-4T25-064GX24 | | | 0.984 | 2.520 | 3.937 | 1.000 | 1.000 | 0.966 | 6.142 | 1.811 | 0.130 | | |
| G1111.16L-4T25-092GX24 | | | 0.984 | 3.622 | 5.512 | 1.000 | 1.000 | 0.963 | 6.142 | 1.811 | 0.130 | | |
| G1111.16L-4T25-132GX24 | | | 0.984 | 5.197 | 9.055 | 1.000 | 1.000 | 0.963 | 6.142 | 1.811 | 0.130 | | |
| G1111.16L-4T25-220GX24 | | | 0.984 | 8.661 | 19.685 | 1.000 | 1.000 | 0.963 | 6.142 | 1.811 | 0.130 | | |
| G1111.16L-6T20-040GX24 | 6 | 0.236 | 0.787 | 1.575 | 2.756 | 1.000 | 1.000 | 0.933 | 5.984 | 1.654 | 0.201 | GX24-4E6 .. | |
| G1111.16L-6T25-058GX24 | | | 0.984 | 2.283 | 3.937 | 1.000 | 1.000 | 0.930 | 6.142 | 1.811 | 0.197 | | |
| G1111.16L-6T25-088GX24 | | | 0.984 | 3.465 | 7.087 | 1.000 | 1.000 | 0.927 | 6.142 | 1.811 | 0.197 | | |
| G1111.16L-6T25-168GX24 | | | 0.984 | 6.614 | 15.748 | 1.000 | 1.000 | 0.927 | 6.142 | 1.811 | 0.197 | | |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

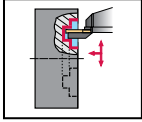
| Assembly parts | | s [inch] h = h ₁ [inch] | 0.118 1.000 |
|---|---|---------------------------------------|-----------------------------|
|  | Clamping screw for grooving insert Tightening torque | | FS2118 (T20IP) 44 in lbs |
|  | Torx key | | FS1464 (T20IP) |
| Accessories | | s [inch] h = h ₁ [inch] | 0.118 1.000 |
|  | Torque screwdriver, analogue | | FS2004 |
|  | Torque screwdriver, digital | | FS2248 |
|  | Interchangeable blade | | FS2015 (T20IP) |

Grooving module – Axial grooving

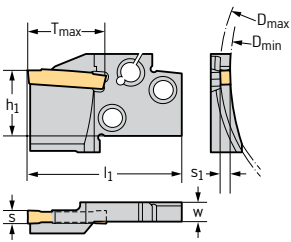
 MSS...E...A mm

Walter Cut

– Screw clamping

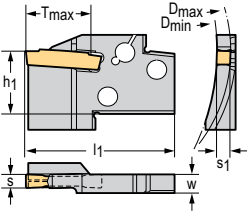


Tool



| Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Mod- ule size | Type | | | | | |
|--------------------------|---------|-----------|------------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|---------------------|----------------------------|-----|--------------------------|---|-----|----------------------------|
| MSS-E20R14-GX24-2A100150 | 3 | 0.118 | 14 | 100 | 150 | 16 | 4.4 | 42 | 2 | E20 | GX24-2E3 .. GX24-2F3 .. | | | | | |
| MSS-E20R14-GX24-2A5070 | | | 14 | 50 | 70 | 16 | 4.4 | 42 | 2 | E20 | | | | | | |
| MSS-E20R14-GX24-2A70100 | | | 14 | 70 | 100 | 16 | 4.4 | 42 | 2 | E20 | | | | | | |
| MSS-E25R15-GX24-2A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 20 | 5.9 | 47 | 2 | E25 | GX24-3E .. GX24-3F .. | | | |
| MSS-E25R15-GX24-2A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 2 | E25 | | | | |
| MSS-E25R15-GX24-2A70100 | | | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 2 | E25 | | | | |
| MSS-E25R15-GX24-3A100150 | 6 | 0.236 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 3 | E25 | GX24-4E6 .. | | | |
| MSS-E25R15-GX24-3A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 3 | E25 | | | | |
| MSS-E25R15-GX24-3A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 3 | E25 | | | | |
| MSS-E25R15-GX24-3A70100 | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 3 | E25 | | | | | | |
| MSS-E32R15-GX24-3A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 25.5 | | 54 | 3 | E32 | GX24-3E .. GX24-3F .. | | | |
| MSS-E32R15-GX24-3A150300 | | | | | 15 | 150 | 300 | 25.5 | | 54 | 3 | E32 | | | | |
| MSS-E32R15-GX24-3A70100 | 15 | 70 | | | 100 | 25.5 | | 54 | 3 | E32 | | | | | | |
| MSS-E25R15-GX24-4A100150 | 6 | 0.236 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. | | | |
| MSS-E25R15-GX24-4A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 4.2 | E25 | | | | |
| MSS-E25R15-GX24-4A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 4.2 | E25 | | | | |
| MSS-E25R15-GX24-4A70100 | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 4.2 | E25 | | | | | | |
| MSS-E32R15-GX24-4A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 25.5 | | 54 | 4.2 | E32 | GX24-3E .. GX24-3F .. | | | |
| MSS-E32R15-GX24-4A150300 | | | | | 15 | 150 | 300 | 25.5 | | 54 | 4.2 | E32 | | | | |
| MSS-E32R15-GX24-4A300900 | 15 | 300 | | | 900 | 25.5 | | 54 | 4.2 | E32 | | | | | | |
| MSS-E32R15-GX24-4A70100 | 6 | 0.236 | | | 15 | 70 | 100 | 25.5 | | 54 | 4.2 | E32 | GX24-4E6 .. | | | |
| MSS-E20L14-GX24-2A100150 | | | | | 3 | 0.118 | 14 | 100 | 150 | 16 | 4.4 | 42 | | 2 | E20 | GX24-2E3 .. GX24-2F3 .. |
| MSS-E20L14-GX24-2A5070 | | | | | | | 14 | 50 | 70 | 16 | 4.4 | 42 | | 2 | E20 | |
| MSS-E20L14-GX24-2A70100 | | | 14 | 70 | | | 100 | 16 | 4.4 | 42 | 2 | E20 | | | | |
| MSS-E25L15-GX24-2A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 20 | 5.9 | 47 | 2 | E25 | GX24-3E .. GX24-3F .. | | | |
| MSS-E25L15-GX24-2A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 2 | E25 | | | | |
| MSS-E25L15-GX24-2A70100 | 15 | 70 | | | 100 | 20 | 5.9 | 47 | 2 | E25 | | | | | | |
| MSS-E25L15-GX24-3A100150 | 6 | 0.236 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 3 | E25 | GX24-4E6 .. | | | |
| MSS-E25L15-GX24-3A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 3 | E25 | | | | |
| MSS-E25L15-GX24-3A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 3 | E25 | | | | |
| MSS-E25L15-GX24-3A70100 | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 3 | E25 | | | | | | |
| MSS-E32L15-GX24-3A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 25.5 | 5.9 | 54 | 3 | E32 | GX24-3E .. GX24-3F .. | | | |
| MSS-E32L15-GX24-3A150300 | | | | | 15 | 150 | 300 | 25.5 | 5.9 | 54 | 3 | E32 | | | | |
| MSS-E32L15-GX24-3A70100 | 15 | 70 | | | 100 | 25.5 | 5.9 | 54 | 3 | E32 | | | | | | |
| MSS-E25L15-GX24-4A100150 | 6 | 0.236 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. | | | |
| MSS-E25L15-GX24-4A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 4.2 | E25 | | | | |
| MSS-E25L15-GX24-4A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 4.2 | E25 | | | | |
| MSS-E25L15-GX24-4A70100 | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 4.2 | E25 | | | | | | |
| MSS-E32L15-GX24-4A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 25.5 | 5.9 | 54 | 4.2 | E32 | GX24-3E .. GX24-3F .. | | | |
| MSS-E32L15-GX24-4A150300 | | | | | 15 | 150 | 300 | 25.5 | 5.9 | 54 | 4.2 | E32 | | | | |
| MSS-E32L15-GX24-4A70100 | 15 | 70 | | | 100 | 25.5 | 5.9 | 54 | 4.2 | E32 | | | | | | |

 Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com

| Tool | | Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Mod- ule size | Type |
|---|--|--------------------------|---------|-----------|------------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|---------------------|-------------|
|  | | MSS-E32L15-GX24-4A150300 | 6 | 0.236 | 15 | 150 | 300 | 25.5 | 5.9 | 54 | 4.2 | E32 | GX24-4E6 .. |
| | | MSS-E32L15-GX24-4A300900 | | | 15 | 300 | 900 | 25.5 | 5.9 | 54 | 4.2 | E32 | |
| | | MSS-E32L15-GX24-4A70100 | | | 15 | 70 | 100 | 25.5 | 5.9 | 54 | 4.2 | E32 | |

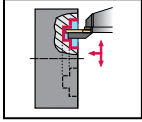
Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com

Grooving module – Axial grooving

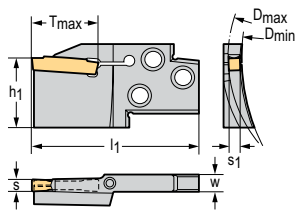
 MSS...E...C

Walter Cut

– Screw clamping



Tool

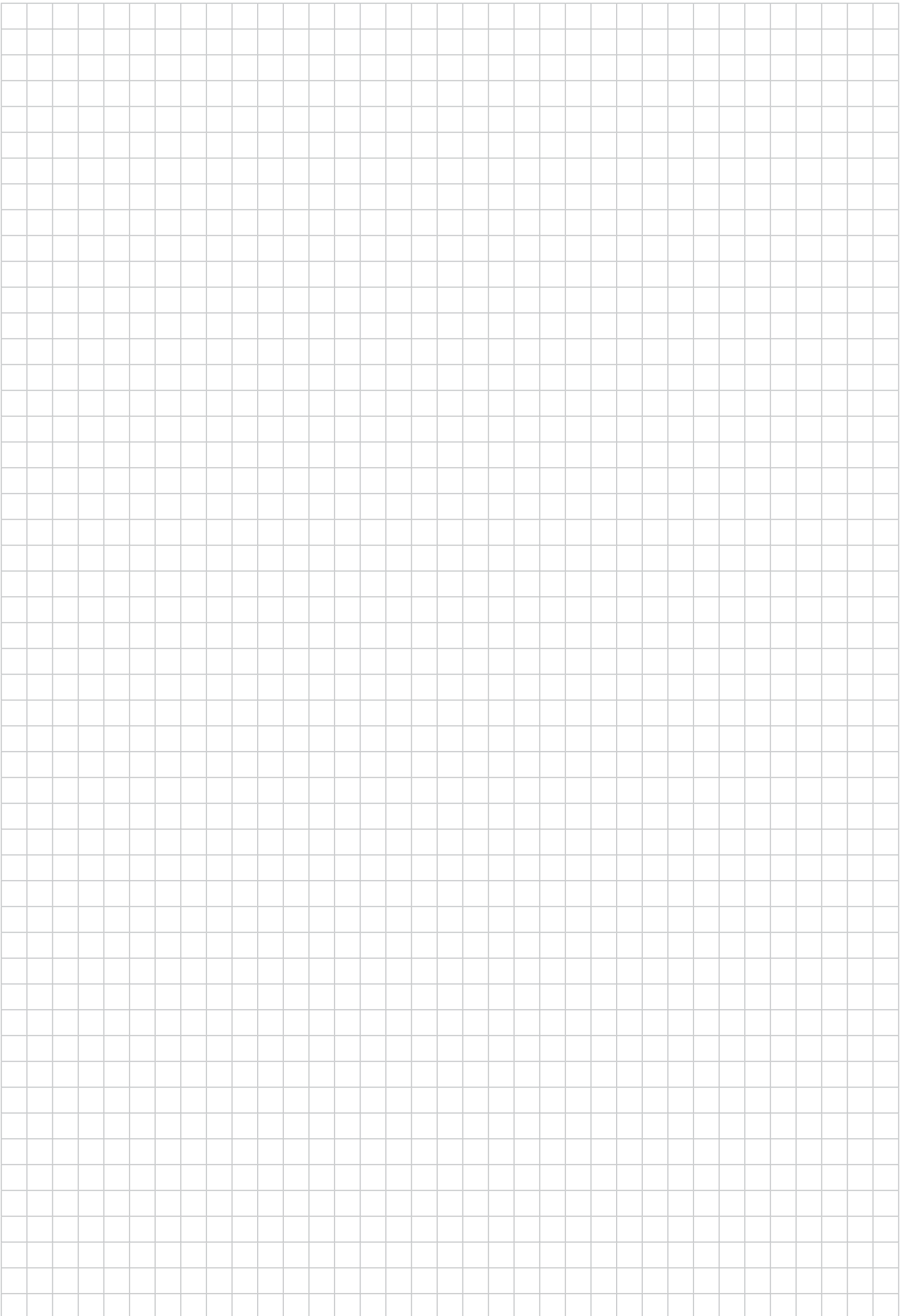


| Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Mod- ule size | Type |
|--------------------------|---------|------------------|------------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|---------------------|--------------------------|
| MSS-E25R21-GX24-3C100150 | 4 - 5 | 0.157 - 0.197 | 21 | 100 | 150 | 20 | 6.2 | 60 | 3 | E25 | GX24-3E .. GX24-3F .. |
| MSS-E25R21-GX24-3C150300 | | | 21 | 150 | 300 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25R21-GX24-3C5070 | | | 21 | 50 | 70 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25R21-GX24-3C70100 | | | 21 | 70 | 100 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25R25-GX24-4C100150 | 6 | 0.236 | 25 | 100 | 150 | 20 | 6.2 | 60 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E25R25-GX24-4C150300 | | | 25 | 150 | 300 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25R25-GX24-4C5070 | | | 25 | 50 | 70 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25R25-GX24-4C70100 | | | 25 | 70 | 100 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25L21-GX24-3C100150 | 4 - 5 | 0.157 - 0.197 | 21 | 100 | 150 | 20 | 6.2 | 60 | 3 | E25 | GX24-3E .. GX24-3F .. |
| MSS-E25L21-GX24-3C150300 | | | 21 | 150 | 300 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25L21-GX24-3C5070 | | | 21 | 50 | 70 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25L21-GX24-3C70100 | | | 21 | 70 | 100 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25L25-GX24-4C100150 | 6 | 0.236 | 25 | 100 | 150 | 20 | 6.2 | 60 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E25L25-GX24-4C150300 | | | 25 | 150 | 300 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25L25-GX24-4C5070 | | | 25 | 50 | 70 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25L25-GX24-4C70100 | | | 25 | 70 | 100 | 20 | 6.2 | 60 | 4.2 | E25 | |

Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 4 - 5-6 |
|--|---|----------------------|
| | Clamping screw for grooving insert Tightening torque | FS1342 (T15) 2 Nm |
| | Handle key for grooving insert | FS1047 (T15) |



A2

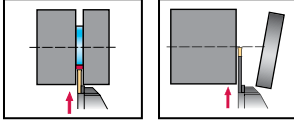
Shank tool – Radial grooving

 G2012

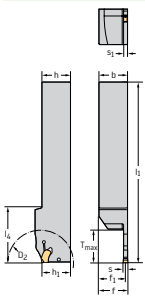
Walter Cut



– Self-clamping system



Tool



| Designation | s mm | s inch | D ₂ mm | T _{max} mm | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|----------------------|---------|-----------|----------------------|------------------------|--------------------------|---------|---------|----------------------|----------------------|----------------------|--------|
| G2012.2020R-1.5T15SX | 1.5 | 0.059 | 38 | 15 | 20 | 20 | 19.4 | 120 | 25 | 1.2 | SX-1E1 |
| G2012.2525R-2T26SX | 2 | 0.079 | 52 | 26 | 25 | 25 | 24.2 | 146 | 36 | 1.6 | SX-2E2 |
| G2012.2525R-3T33SX | 3 | 0.118 | 65 | 33 | 25 | 25 | 23.8 | 150 | 43 | 2.5 | SX-3E3 |
| G2012.2020L-1.5T15SX | 1.5 | 0.059 | 38 | 15 | 20 | 20 | 19.4 | 120 | 25 | 1.2 | SX-1E1 |
| G2012.2525L-2T26SX | 2 | 0.079 | 52 | 26 | 25 | 25 | 24.2 | 146 | 36 | 1.6 | SX-2E2 |
| G2012.2525L-3T33SX | 3 | 0.118 | 65 | 33 | 25 | 25 | 23.8 | 150 | 43 | 2.5 | SX-3E3 |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Accessories

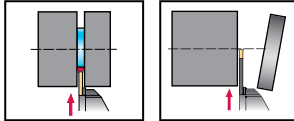
| | s [mm] h = h ₁ [mm] | 1.5 20 | 2 25 |
|--|-------------------------------------|-----------|---------|
| | Mounting wrench for grooving insert | FS2249 | FS1494 |

Shank tool – Radial grooving

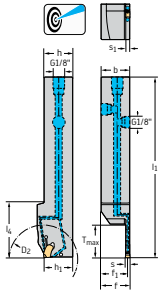
G2012...-P

Walter Cut

- Self-clamping system
- Precision cooling



Tool

| | Designation | s mm | s inch | D ₂ mm | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|---|----------------------|---------|-----------|----------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|--------|
|  | G2012.1212R-2T16SX-P | 2 | 0.079 | 38 | 16 | 12 | 12 | 11.2 | 120 | 25 | 1.6 | SX-2E2 |
| | G2012.1616R-2T16SX-P | | | 38 | 16 | 16 | 16 | 15.2 | 120 | 25 | 1.6 | |
| | G2012.1212L-3T16SX-P | 3 | 0.118 | 38 | 16 | 12 | 12 | 10.8 | 120 | 25 | 2.5 | SX-3E3 |
| | G2012.1616L-3T16SX-P | | | 38 | 16 | 16 | 16 | 14.8 | 120 | 25 | 2.5 | |
| | G2012.1616L-3T26SX-P | | | 68 | 26 | 16 | 16 | 14.8 | 120 | 33 | 2.5 | |
| | G2012.1212L-2T16SX-P | 2 | 0.079 | 38 | 16 | 12 | 12 | 11.2 | 120 | 25 | 1.6 | SX-2E2 |
| | G2012.1616L-2T16SX-P | | | 38 | 16 | 16 | 16 | 15.2 | 120 | 25 | 1.6 | |
| | G2012.1212L-3T16SX-P | 3 | 0.118 | 38 | 16 | 12 | 12 | 10.8 | 120 | 25 | 2.5 | SX-3E3 |
| | G2012.1616L-3T16SX-P | | | 38 | 16 | 16 | 16 | 14.8 | 120 | 25 | 2.5 | |
| | G2012.1616L-3T26SX-P | | | 68 | 26 | 16 | 16 | 14.8 | 120 | 33 | 2.5 | |

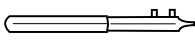
Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | For T_{max} with diameters greater than D_2 , see „Technical information – Grooving“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2–3 |
|---|----------------------|---------------|
|  | G 1/8" threaded plug | FS2258 (SW 2) |

Accessories

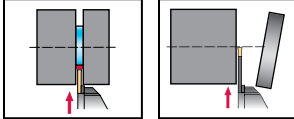
| | s [mm] h = h ₁ [mm] | 2–3 12–16 | 3 16 |
|---|-------------------------------------|--------------|---------|
|  | Mounting wrench for grooving insert | FS2249 | FS2249 |

Shank tool – Radial grooving

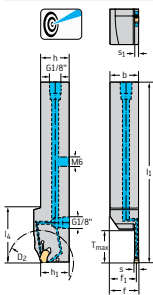
G2012...-P mm

Walter Cut

- Self-clamping system
- Precision cooling



Tool



Square shank

| Designation | s mm | s inch | D ₂ mm | T _{max} mm | h = h ₁ mm | b mm | f ₁ mm | l ₁ mm | l ₄ mm | s ₁ mm | Type |
|----------------------|---------|-----------|----------------------|------------------------|--------------------------|---------|----------------------|----------------------|----------------------|----------------------|--------|
| G2012.2020R-2T20SX-P | 2 | 0.079 | 68 | 20 | 20 | 20 | 19.2 | 120 | 36 | 1.6 | SX-2E2 |
| G2012.2020R-3T22SX-P | 3 | 0.118 | 68 | 22 | 20 | 20 | 18.8 | 125 | 38 | 2.5 | SX-3E3 |
| G2012.2020R-3T33SX-P | | | 68 | 33 | 20 | 20 | 18.8 | 120 | 38 | 2.5 | |
| G2012.2525R-3T33SX-P | | | 68 | 33 | 25 | 25 | 23.8 | 130 | 45 | 2.5 | |
| G2012.2020L-4T33SX-P | 4 | 0.157 | | 33 | 20 | 20 | 18.3 | 130 | 48 | 3.4 | SX-4E4 |
| G2012.2525L-4T33SX-P | | | | 33 | 25 | 25 | 23.3 | 130 | 48 | 3.4 | |
| G2012.2525R-5T40SX-P | 5 | 0.197 | | 40 | 25 | 25 | 22.9 | 145 | 52 | 4.3 | SX-5E5 |
| G2012.2525L-6T40SX-P | 6 | 0.236 | | 40 | 25 | 25 | 22.4 | 145 | 52 | 5.3 | SX-6E6 |
| G2012.2020L-2T20SX-P | 2 | 0.079 | 68 | 20 | 20 | 20 | 19.2 | 120 | 36 | 1.6 | SX-2E2 |
| G2012.2020L-3T22SX-P | 3 | 0.118 | 68 | 22 | 20 | 20 | 18.8 | 125 | 38 | 2.5 | SX-3E3 |
| G2012.2020L-3T33SX-P | | | 68 | 33 | 20 | 20 | 18.8 | 120 | 38 | 2.5 | |
| G2012.2525L-3T33SX-P | | | 68 | 33 | 25 | 25 | 23.8 | 130 | 48 | 2.5 | |
| G2012.2020L-4T33SX-P | 4 | 0.157 | | 33 | 20 | 20 | 18.3 | 130 | 48 | 3.4 | SX-4E4 |
| G2012.2525L-4T33SX-P | | | | 33 | 25 | 25 | 23.3 | 130 | 48 | 3.4 | |
| G2012.2525L-5T40SX-P | 5 | 0.197 | | 40 | 25 | 25 | 22.9 | 145 | 52 | 4.3 | SX-5E5 |
| G2012.2525L-6T40SX-P | 6 | 0.236 | | 40 | 25 | 25 | 22.4 | 145 | 52 | 5.3 | SX-6E6 |

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | For T_{max} with diameters greater than D₂, see „Technical information – Grooving“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2–6 |
|--|----------------------|---------------|
| | G 1/8" threaded plug | FS2258 (SW 2) |
| | M6 threaded plug | FS2288 (SW 3) |

Accessories

| | s [mm] h = h ₁ [mm] | 2–6 20–25 |
|--|-------------------------------------|--------------|
| | Mounting wrench for grooving insert | FS1494 |

Shank tool – Radial grooving

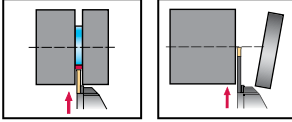
G2012 inch

Walter Cut

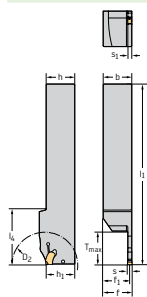


A2

– Self-clamping system



Tool



| Designation | s mm | s inch | D ₂ inch | T _{max} inch | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|--------------------|---------|-----------|------------------------|--------------------------|----------------------------|-----------|-----------|------------------------|------------------------|------------------------|--------|
| G2012.12R-1.5T15SX | 1.5 | 0.059 | 1.496 | 0.591 | 0.750 | 0.750 | 0.726 | 4.724 | 0.984 | 0.047 | SX-1E1 |
| G2012.16R-2T26SX | 2 | 0.079 | 2.047 | 1.024 | 1.000 | 1.000 | 0.969 | 5.748 | 1.417 | 0.061 | SX-2E2 |
| G2012.16R-3T33SX | 3 | 0.118 | 2.559 | 1.299 | 1.000 | 1.000 | 0.952 | 5.906 | 1.693 | 0.096 | SX-3E3 |
| G2012.12L-1.5T15SX | 1.5 | 0.059 | 1.496 | 0.591 | 0.750 | 0.750 | 0.726 | 4.724 | 0.984 | 0.047 | SX-1E1 |
| G2012.16L-2T26SX | 2 | 0.079 | 2.047 | 1.024 | 1.000 | 1.000 | 0.969 | 5.748 | 1.417 | 0.061 | SX-2E2 |
| G2012.16L-3T33SX | 3 | 0.118 | 2.559 | 1.299 | 1.000 | 1.000 | 0.952 | 5.906 | 1.693 | 0.096 | SX-3E3 |

Square shank

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

Accessories

| | s [inch] h = h ₁ [inch] | 0.059 0.750 | 0.079 1.000 |
|---|---------------------------------------|----------------|----------------|
|  | Mounting wrench for grooving insert | FS2249 | FS1494 |

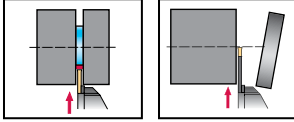
Shank tool – Radial grooving

G2012...-P inch

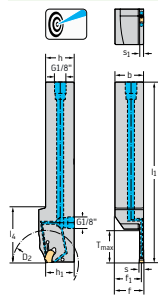
Walter Cut



– Precision cooling



Tool



Square shank

| Designation | s mm | s inch | D ₂ inch | T _{max} inch | h = h ₁ inch | b inch | f ₁ inch | l ₁ inch | l ₄ inch | s ₁ inch | Type |
|--------------------|---------|-----------|------------------------|--------------------------|----------------------------|-----------|------------------------|------------------------|------------------------|------------------------|--------|
| G2012.08R-2T16SX-P | 2 | 0.079 | 1.496 | 0.630 | 0.500 | 0.500 | 0.469 | 4.724 | 0.984 | 0.063 | SX-2E2 |
| G2012.10R-2T16SX-P | | | 1.496 | 0.630 | 0.625 | 0.625 | 0.594 | 4.724 | 0.984 | 0.063 | |
| G2012.12R-2T20SX-P | | | 2.677 | 0.787 | 0.750 | 0.750 | 0.720 | 5.906 | 1.417 | 0.063 | |
| G2012.10R-3T16SX-P | 3 | 0.118 | 1.496 | 0.630 | 0.625 | 0.625 | 0.577 | 4.724 | 0.984 | 0.096 | SX-3E3 |
| G2012.12R-3T22SX-P | | | 2.677 | 0.866 | 0.750 | 0.750 | 0.702 | 5.906 | 1.496 | 0.096 | |
| G2012.12R-3T33SX-P | | | 2.677 | 1.299 | 0.750 | 0.750 | 0.702 | 5.906 | 1.496 | 0.096 | |
| G2012.16R-3T33SX-P | 4 | 0.157 | 2.677 | 1.299 | 1.000 | 1.000 | 0.952 | 5.906 | 1.890 | 0.096 | SX-4E4 |
| G2012.12R-4T29SX-P | | | 1.142 | 0.750 | 0.750 | 0.683 | 5.906 | 1.732 | 0.134 | | |
| G2012.16R-4T33SX-P | | | 1.299 | 1.000 | 1.000 | 0.933 | 5.906 | 1.890 | 0.134 | | |
| G2012.16R-5T40SX-P | 5 | 0.197 | | 1.575 | 1.000 | 1.000 | 0.915 | 5.906 | 2.047 | 0.169 | SX-5E5 |
| G2012.16R-6T40SX-P | 6 | 0.236 | | 1.575 | 1.000 | 1.000 | 0.896 | 5.906 | 2.047 | 0.209 | SX-6E6 |
| G2012.08L-2T16SX-P | 2 | 0.079 | 1.496 | 0.630 | 0.500 | 0.500 | 0.469 | 4.724 | 0.984 | 0.063 | SX-2E2 |
| G2012.10L-2T16SX-P | | | 1.496 | 0.630 | 0.625 | 0.625 | 0.594 | 4.724 | 0.984 | 0.063 | |
| G2012.12L-2T20SX-P | | | 2.677 | 0.787 | 0.750 | 0.750 | 0.720 | 5.906 | 1.417 | 0.063 | |
| G2012.10L-3T16SX-P | 3 | 0.118 | 1.496 | 0.630 | 0.625 | 0.625 | 0.577 | 4.724 | 0.984 | 0.096 | SX-3E3 |
| G2012.12L-3T22SX-P | | | 2.677 | 0.866 | 0.750 | 0.750 | 0.702 | 5.906 | 1.496 | 0.096 | |
| G2012.12L-3T33SX-P | | | 2.677 | 1.299 | 0.750 | 0.750 | 0.702 | 5.906 | 1.496 | 0.096 | |
| G2012.16L-3T33SX-P | 4 | 0.157 | 2.677 | 1.299 | 1.000 | 1.000 | 0.952 | 5.906 | 1.890 | 0.096 | SX-4E4 |
| G2012.12L-4T29SX-P | | | 1.142 | 0.750 | 0.750 | 0.683 | 5.906 | 1.732 | 0.134 | | |
| G2012.16L-4T33SX-P | | | 1.299 | 1.000 | 1.000 | 0.933 | 5.906 | 1.890 | 0.134 | | |
| G2012.16L-5T40SX-P | 5 | 0.197 | | 1.575 | 1.000 | 1.000 | 0.915 | 5.906 | 1.890 | 0.169 | SX-5E5 |
| G2012.16L-6T40SX-P | 6 | 0.236 | | 1.575 | 1.000 | 1.000 | 0.896 | 5.906 | 2.047 | 0.209 | SX-6E6 |

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | For T_{max} with diameters greater than D₂, see „Technical information – Grooving“ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | |
|--|--------------------|---------------|
| | s [inch] | 0.079–0.236 |
| | 1/8" threaded plug | FS2258 (SW 2) |

Accessories

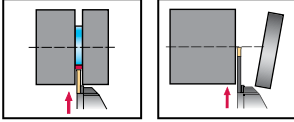
| | | | |
|--|---------------------------------------|--------------------------|-----------------------|
| | s [inch] h = h ₁ [inch] | 0.079–0.118 0.5–0.625 | 0.079–0.236 0.75–1 |
| | Mounting wrench for grooving insert | | FS1494 |
| | Mounting wrench for grooving insert | FS2249 | |

Deep parting blade

G2042...N

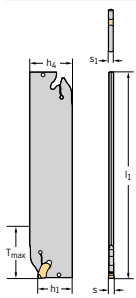
Walter Cut

– Self-clamping system



A2

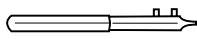
Tool



| Designation | s mm | s inch | T _{max} mm | h ₄ mm | h ₁ mm | h ₁ mm | s ₁ mm | Type |
|------------------|---------|-----------|------------------------|----------------------|----------------------|----------------------|----------------------|--------|
| G2042.26N-2T30SX | 2 | 0.079 | 30 | 26 | 110 | 21.1 | 1.6 | SX-2E2 |
| G2042.32N-2T30SX | | | 30 | 32 | 151 | 24.8 | 1.6 | |
| G2042.26N-3T38SX | 3 | 0.118 | 38 | 26 | 110 | 21 | 2.4 | SX-3E3 |
| G2042.32N-3T50SX | | | 50 | 32 | 151 | 24.7 | 3.4 | |
| G2042.26N-4T40SX | 4 | 0.157 | 40 | 26 | 110 | 20.9 | 3.4 | SX-4E4 |
| G2042.32N-4T50SX | | | 50 | 32 | 151 | 24.5 | 3.4 | |
| G2042.32N-5T60SX | 5 | 0.197 | 60 | 32 | 151 | 24.4 | 4.3 | SX-5E5 |
| G2042.46N-5T80SX | | | 80 | 46 | 251 | 37.4 | 4.3 | |
| G2042.32N-6T60SX | 6 | 0.236 | 60 | 32 | 151 | 24.3 | 5.3 | SX-6E6 |
| G2042.46N-6T80SX | | | 80 | 46 | 251 | 37.3 | 5.3 | |

Refer to the Walter online catalog for more product information: www.walter-tools.com

Accessories

| | s [mm] | 2-6 |
|---|-------------------------------------|--------|
|  | Mounting wrench for grooving insert | FS1494 |

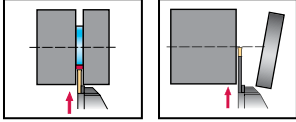
A2

Deep parting blade

 G2042...N...-P

Walter Cut

- Self-clamping system
- Precision cooling



| Tool | | s | s | T _{max} | h ₄ | l ₁ | h ₁ | s ₁ | b | Type |
|------|--------------------|----|-------|------------------|----------------|----------------|----------------|----------------|-----|--------|
| | | mm | inch | mm | mm | mm | mm | mm | mm | |
| | G2042.26N-3T38SX-P | 3 | 0.118 | 38 | 26 | 131 | 20.8 | 2.4 | 3.5 | SX-3E3 |
| | G2042.32N-3T45SX-P | | | 45 | 32 | 151 | 24.5 | 2.4 | 3.5 | |

 Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | s [mm] | |
|----------------|-------------------------------------|--------|--------|
| | | 3 | |
| | Coolant transfer insert | | FS2282 |
| Accessories | | s [mm] | |
| | Mounting wrench for grooving insert | 3 | FS1494 |

Deep parting blade

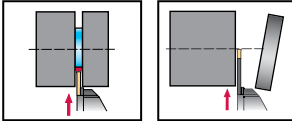
G2042...N...-P

Walter Cut

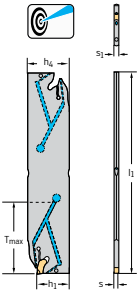
- Self-clamping system
- Precision cooling



A2




Tool

| | Designation | s mm | s inch | T _{max} mm | h ₄ mm | h ₁ mm | h ₁ mm | s ₁ mm | Type |
|---|----------------------|---------|-----------|------------------------|----------------------|----------------------|----------------------|----------------------|----------|
|  | G2042.32N-4T50SX-P | 4 | 0.157 | 50 | 32 | 151 | 24.5 | 3.5 | SX-4E4 |
| | G2042.32N-5T60SX-P | 5 | 0.197 | 60 | 32 | 151 | 24.4 | 4.3 | SX-5E5 |
| | G2042.32N-6T60SX-P | 6 | 0.236 | 60 | 32 | 151 | 24.3 | 5.3 | SX-6E6 |
| | G2042.52N-8T100SX-P | 8 | 0.315 | 100 | 52 | 251 | 44.3 | 6.8 | SX-8E8 |
| | G2042.52N-10T100SX-P | 10 | 0.394 | 100 | 52 | 251 | 44 | 8.8 | SX-10E10 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 4 | 5 | 6 | 8 | 10 |
|---|-------------------------|--------|--------|--------|--------|--------|
|  | Coolant transfer insert | FS2282 | FS2283 | FS2284 | FS2285 | FS2286 |

Accessories

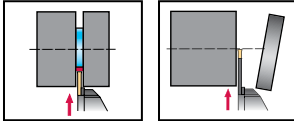
| | s [mm] | 4-6 | 8-10 |
|-------------------------------------|--------|--------|--------|
| Mounting wrench for grooving insert | | FS1494 | FS2274 |

Reinforced parting blade

G2042...R/L

Walter Cut

– Self-clamping system



Tool

| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|--------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|--------|
| G2042.26R-1.5T20SX | 1.5 | 0.059 | 20 | 40 | 26 | 110 | 21 | 1.2 | SX-1E1 |
| G2042.32R-1.5T20SX | | | 20 | 40 | 32 | 110 | 24.7 | 1.2 | |
| G2042.26R-2T26SX | 2 | 0.079 | 26 | 52 | 26 | 110 | 21 | 1.6 | SX-2E2 |
| G2042.32R-2T26SX | | | 26 | 52 | 32 | 110 | 24.7 | 1.6 | |
| G2042.26R-3T33SX | 3 | 0.118 | 33 | 65 | 26 | 110 | 21 | 2.4 | SX-3E3 |
| G2042.32R-3T33SX | | | 33 | 65 | 32 | 110 | 24.7 | 2.4 | |
| G2042.32R-4T33SX | 4 | 0.157 | 33 | 65 | 32 | 110 | 24.7 | 3.4 | SX-4E4 |
| G2042.26L-1.5T20SX | 1.5 | 0.059 | 20 | 52 | 26 | 110 | 21 | 1.2 | SX-1E1 |
| G2042.32L-1.5T20SX | 1.5 | 0.059 | 20 | 40 | 32 | 110 | 24.7 | 1.2 | |
| G2042.26L-2T26SX | | | 26 | 52 | 26 | 110 | 21 | 1.6 | SX-2E2 |
| G2042.32L-2T26SX | 2 | 0.079 | 26 | 52 | 32 | 110 | 24.7 | 1.6 | |
| G2042.26L-3T33SX | | | 33 | 52 | 26 | 110 | 21 | 2.4 | SX-3E3 |
| G2042.32L-3T33SX | 3 | 0.118 | 33 | 65 | 32 | 110 | 24.7 | 2.4 | |
| G2042.32L-4T33SX | | | 33 | 65 | 32 | 110 | 24.7 | 3.4 | SX-4E4 |

Dimensional drawing shows right-hand version.

Accessories

| | s [mm] | 1.5-1.5-1.5 | 2-4-4 |
|--|-------------------------------------|-------------|--------|
| | Mounting wrench for grooving insert | FS1494 | FS2249 |

Reinforced parting blade

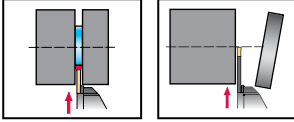
G2042...R/L...-P

Walter Cut

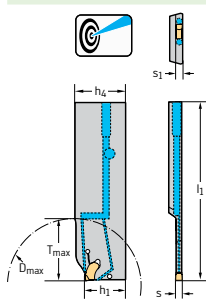
- Self-clamping system
- Precision cooling



A2



Tool

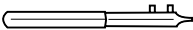


| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₄ mm | l ₁ mm | h ₁ mm | s ₁ mm | Type |
|--------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|--------|
| G2042.32R-2T26SX-P | 2 | 0.079 | 26 | 52 | 32 | 110 | 24.7 | 1.6 | SX-2E2 |
| G2042.26R-3T33SX-P | 3 | 0.118 | 33 | 65 | 26 | 110 | 21 | 2.4 | SX-3E3 |
| G2042.32R-3T33SX-P | | | 33 | 65 | 32 | 110 | 24.7 | 2.4 | |
| G2042.32R-4T33SX-P | 4 | 0.157 | 33 | 65 | 32 | 110 | 24.7 | 3.4 | SX-4E4 |
| G2042.32L-2T26SX-P | 2 | 0.079 | 26 | 52 | 32 | 110 | 24.7 | 1.6 | SX-2E2 |
| G2042.26L-3T33SX-P | 3 | 0.118 | 33 | 65 | 26 | 110 | 21 | 2.4 | SX-3E3 |
| G2042.32L-3T33SX-P | | | 33 | 65 | 32 | 110 | 24.7 | 2.4 | |
| G2042.32L-4T33SX-P | 4 | 0.157 | 33 | 65 | 32 | 110 | 24.7 | 3.4 | SX-4E4 |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

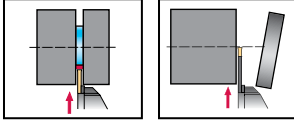
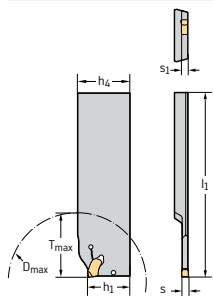
Accessories

| | s [mm] | 2-4-4 |
|---|-------------------------------------|--------|
|  | Mounting wrench for grooving insert | FS1494 |

A2

Reinforced parting blade – Contra
G2042...R/L...C
Walter Cut


– Self-clamping system


Tool


| Designation | s mm | s inch | T _{max} mm | D _{max} mm | l ₁ mm | s ₁ mm | Type |
|--------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|--------|
| G2042.32R-4T33SX-C | 4 | 0.157 | 33 | 65 | 110 | 3.4 | SX-4E4 |
| G2042.32L-4T33SX-C | 4 | 0.157 | 33 | 65 | 110 | 3.4 | SX-4E4 |

Dimensional drawing shows right-hand version.

Accessories

| | s [mm] | 4-4 |
|--|-------------------------------------|--------|
| | Mounting wrench for grooving insert | FS1494 |

Reinforced parting blade – Contra

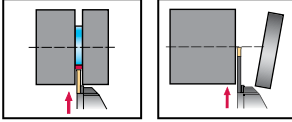
G2042...R/L...C-P mm

Walter Cut

- Self-clamping system
- Precision cooling



A2



Tool




| Designation | s mm | s inch | T _{max} mm | D _{max} mm | l ₁ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|------------------------|----------------------|----------------------|--------|
| G2042.26R-2T26SX-C-P | 2 | 0.079 | 26 | 52 | 110 | 1.6 | SX-2E2 |
| G2042.32R-2T26SX-C-P | | | 26 | 52 | 110 | 1.6 | |
| G2042.26R-3T33SX-C-P | 3 | 0.118 | 33 | 65 | 110 | 2.4 | SX-3E3 |
| G2042.32R-3T33SX-C-P | | | 33 | 65 | 110 | 2.4 | |
| G2042.32R-4T33SX-C-P | 4 | 0.157 | 33 | 65 | 110 | 3.4 | SX-4E4 |
| G2042.26L-2T26SX-C-P | 2 | 0.079 | 26 | 52 | 110 | 1.6 | SX-2E2 |
| G2042.32L-2T26SX-C-P | | | 26 | 52 | 110 | 1.6 | |
| G2042.26L-3T33SX-C-P | 3 | 0.118 | 33 | 65 | 110 | 2.4 | SX-3E3 |
| G2042.32L-3T33SX-C-P | | | 33 | 65 | 110 | 2.4 | |
| G2042.32L-4T33SX-C-P | 4 | 0.157 | 33 | 65 | 110 | 3.4 | SX-4E4 |

Dimensional drawing shows right-hand version.

Bodies and assembly parts are included in the scope of delivery

Accessories

| | s [mm] | 2-4-4 |
|---|-------------------------------------|--------|
|  | Mounting wrench for grooving insert | FS1494 |

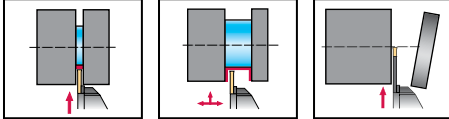
Shank tool – modular

 MSS-...00

Walter Cut



– Screw clamping



Tool

| | Designation | h = h ₁ mm | b mm | f mm | l ₁ mm | Module size |
|---------------------|------------------|--------------------------|---------|---------|----------------------|-------------|
| <p>Square shank</p> | MSS-E20R00-2020J | 20 | 20 | 20.2 | 114.5 | E20 |
| | MSS-E25R00-2525L | 25 | 25 | 25.5 | 145.5 | E25 |
| | MSS-E32R00-3225N | 32 | 25 | 25.5 | 165.5 | E32 |
| <p>Square shank</p> | MSS-E20L00-2020J | 20 | 20 | 20.2 | 114.5 | E20 |
| | MSS-E25L00-2525L | 25 | 25 | 25.5 | 145.5 | E25 |
| | MSS-E32L00-3225N | 32 | 25 | 25.5 | 165.5 | E32 |

 $f = f_1 + s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | E20 | E25 | E32 |
|--|--|----------------------|----------------------|----------------------|
| | Screw for grooving module Tightening torque | FS1053 (T15) 2 Nm | FS1054 (T20) 3 Nm | FS1055 (T25) 3 Nm |
| | Handle key | FS1047 (T15) | FS1048 (T20) | FS1049 (T25) |

Shank tool – modular

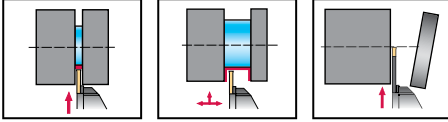
MSS-...00 inch

Walter Cut

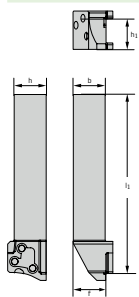


A2

– Screw clamping

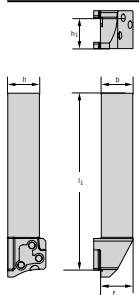


Tool



Square shank

| Designation | h = h ₁ inch | b inch | f inch | h ₁ inch | Module size |
|-----------------|----------------------------|-----------|-----------|------------------------|-------------|
| MSS-E20R00-12-E | 0.750 | 0.750 | 0.756 | 4.677 | E20 |
| MSS-E25R00-16-E | 1.000 | 1.000 | 1.177 | 5.717 | E25 |
| MSS-E32R00-85-E | 1.250 | 1.000 | 1.020 | 6.717 | E32 |





Square shank

| | | | | | |
|-----------------|-------|-------|-------|-------|-----|
| MSS-E20L00-12-E | 0.750 | 0.750 | 0.756 | 4.677 | E20 |
| MSS-E25L00-16-E | 1.000 | 1.000 | 1.177 | 5.717 | E25 |
| MSS-E32L00-85-E | 1.250 | 1.000 | 1.020 | 6.717 | E32 |

 $f = f_1 + s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | E20 | E25 | E32 |
|--|---------------------------|---------------------------|---------------------------|
|  Screw for grooving module Tightening torque | FS1053 (T15) 1.475 lbs | FS1054 (T20) 2.213 lbs | FS1055 (T25) 2.213 lbs |
|  Handle key | FS1047 (T15) | FS1048 (T20) | FS1049 (T25) |

A2

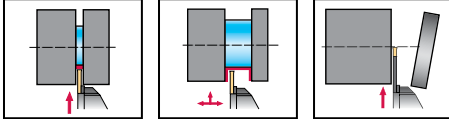
Shank tool – modular

 MSS-...90 mm

Walter Cut



– Screw clamping



Tool

| | Designation | h = h ₁ mm | b mm | f mm | l ₁ mm | Module size |
|---------------------|------------------|--------------------------|---------|---------|----------------------|-------------|
| <p>Square shank</p> | MSS-E20R90-2020J | 20 | 20 | 20 | 110 | E20 |
| | MSS-E25R90-2525L | 25 | 25 | 25 | 140 | E25 |
| | MSS-E32R90-3225N | 32 | 25 | 32 | 160 | E32 |
| <p>Square shank</p> | MSS-E20L90-2020J | 20 | 20 | 20 | 110 | E20 |
| | MSS-E25L90-2525L | 25 | 25 | 25 | 140 | E25 |
| | MSS-E32L90-3225N | 32 | 25 | 32 | 160 | E32 |

 $l_1 = l_{21} + s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | E20 | E25 | E32 |
|--|--|----------------------|----------------------|----------------------|
| | Screw for grooving module Tightening torque | FS1053 (T15) 2 Nm | FS1054 (T20) 3 Nm | FS1055 (T25) 3 Nm |
| | Handle key | FS1047 (T15) | FS1048 (T20) | FS1049 (T25) |

Shank tool – modular

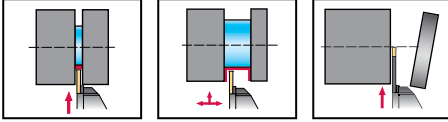
MSS-...90 inch

Walter Cut

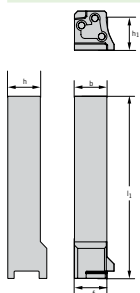


A2

– Screw clamping

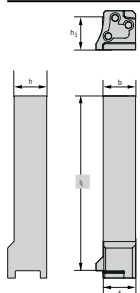


Tool



Square shank

| Designation | h = h ₁ inch | b inch | f inch | l ₁ inch | Module size |
|-----------------|----------------------------|-----------|-----------|------------------------|-------------|
| MSS-E20R90-12-E | 0.750 | 0.750 | 0.787 | 4.500 | E20 |
| MSS-E25R90-16-E | 1.000 | 1.000 | 0.984 | 5.500 | E25 |
| MSS-E32R90-85-E | 1.250 | 1.000 | 1.260 | 6.500 | E32 |





Square shank

| | | | | | |
|-----------------|-------|-------|-------|-------|-----|
| MSS-E20L90-12-E | 0.750 | 0.750 | 0.787 | 4.500 | E20 |
| MSS-E25L90-16-E | 1.000 | 1.000 | 0.984 | 5.500 | E25 |
| MSS-E32L90-85-E | 1.250 | 1.000 | 1.260 | 6.500 | E32 |

 $l_1 = l_{21} + s/2$ | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

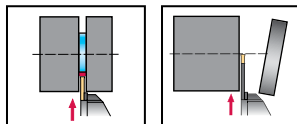
Assembly parts

| | | E20 | E25 | E32 |
|---|---------------------------|-----|---------------------------|---------------------------|
|  | Screw for grooving module | | FS1054 (T20) 2.213 lbs | FS1055 (T25) 2.213 lbs |
|  | Handle key | | FS1048 (T20) | FS1049 (T25) |

Grooving module – Radial grooving

 G2632-E...R/L...-SX mm

Walter Cut



Tool

| | Designation | s mm | T _{max} mm | D ₂ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type | |
|-------------------|-------------------|-------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------|--------|--------|
| | G2632-E20R-2T20SX | 2 | 20 | 65 | 4.4 | 42 | 1.6 | E20 | SX-2E2 | |
| | G2632-E25R-2T20SX | | 20 | 80 | 5.9 | 48 | 1.6 | E25 | | |
| | | G2632-E20R-3T20SX | 3 | 20 | 65 | 4.4 | 42 | 2.4 | E20 | SX-3E3 |
| | | G2632-E25R-3T25SX | | 25 | 90 | 5.9 | 53 | 2.4 | E25 | |
| | | G2632-E25R-3T35SX | | 35 | 80 | 5.9 | 63 | 2.4 | E25 | |
| | | G2632-E32R-3T45SX | | 45 | 90 | 5.9 | 80 | 2.4 | E32 | |
| | G2632-E20R-4T20SX | 4 | 20 | 65 | 4.4 | 42 | 3.4 | E20 | SX-4E4 | |
| | G2632-E25R-4T35SX | | 35 | 80 | 5.9 | 63 | 3.4 | E25 | | |
| | G2632-E32R-4T45SX | | 45 | 90 | 5.9 | 80 | 3.4 | E32 | | |
| | | G2632-E25R-5T35SX | 5 | 35 | 80 | 5.9 | 63 | 4.3 | E25 | SX-5E5 |
| | | G2632-E32R-5T45SX | | 45 | 90 | 5.9 | 80 | 4.3 | E32 | |
| | | G2632-E25R-6T35SX | | 6 | 35 | 80 | 5.9 | 63 | 5.3 | |
| G2632-E32R-6T45SX | 45 | 90 | 5.9 | | 80 | 5.3 | E32 | | | |
| | G2632-E20L-2T20SX | 2 | 20 | 65 | 4.4 | 42 | 1.6 | E20 | SX-2E2 | |
| | G2632-E25L-2T20SX | | 20 | 80 | 5.9 | 48 | 1.6 | E25 | | |
| | | G2632-E20L-3T20SX | 3 | 20 | 65 | 4.4 | 42 | 2.4 | E20 | SX-3E3 |
| | | G2632-E25L-3T25SX | | 25 | 90 | 5.9 | 53 | 2.4 | E25 | |
| | | G2632-E25L-3T35SX | | 35 | 80 | 5.9 | 63 | 2.4 | E25 | |
| | | G2632-E32L-3T45SX | | 45 | 90 | 5.9 | 80 | 2.4 | E32 | |
| | | G2632-E20L-4T20SX | 4 | 20 | 65 | 4.4 | 42 | 3.4 | E20 | SX-4E4 |
| | | G2632-E25L-4T35SX | | 35 | 80 | 5.9 | 63 | 3.4 | E25 | |
| | | G2632-E32L-4T45SX | | 45 | 90 | 5.9 | 80 | 3.4 | E32 | |
| | | | G2632-E25L-5T35SX | 5 | 35 | 80 | 5.9 | 63 | 4.3 | E25 |
| | G2632-E32L-5T45SX | | 45 | | 90 | 5.9 | 80 | 4.3 | E32 | |
| | G2632-E25L-6T35SX | | 6 | | 35 | 80 | 5.9 | 63 | 5.3 | E25 |
| | G2632-E32L-6T45SX | 45 | | 90 | 5.9 | 80 | 5.3 | E32 | | |
| | | G2632-E32N-8T45SX | 8 | 45 | 90 | 5.9 | 80 | 6.8 | E32 | SX-8E8 |

Accessories

| s [mm] | 2-6 | 8 |
|-------------------------------------|--------|--------|
| Mounting wrench for grooving insert | FS1494 | FS2274 |

Shank tool – Radial grooving

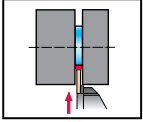
G2016...-P

Walter Cut

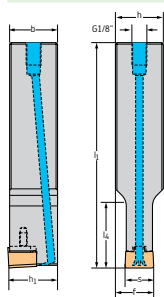
- Screw clamping
- Precision cooling



A2



Tool


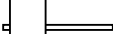


| Designation | s mm | s inch | T _{max} mm | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | Type |
|-----------------------|---------|-----------|------------------------|--------------------------|---------|---------|----------------------|----------------------|-------------|
| G2016-2525N-12T40UX-P | 12 | 0.472 | 41 | 25 | 25 | 19 | 150 | 53 | UX-12E12 .. |
| G2016-3232N-19T40UX-P | 19 | 0.748 | 41 | 32 | 32 | 22.5 | 150 | 53 | UX-19E19 .. |


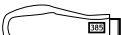

Square shank

For the connection set for internal coolant supply with G1/8" thread. see "Assembly parts and accessories"
 The maximum recommended coolant pressure is 150 bar (2175 psi)
 Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 12 | 19 |
|---|--------|------------------------|------------------------|
| Clamping screw for grooving insert Tightening torque | | FS2081 (T15IP) 4 Nm | FS2588 (T20IP) 5 Nm |
|  G 1/8" threaded plug | | FS2258 (SW 2) | FS2258 (SW 2) |
|  Torx key | | FS1465 (T15IP) | FS1464 (T20IP) |

Accessories

| | s [mm] | 12 | 19 |
|--|--------|----------------|----------------|
|  Torque screwdriver. analogue | | FS2003 | FS2003 |
|  Torque screwdriver. digital | | FS2248 | FS2248 |
|  Interchangeable blade | | FS2014 (T15IP) | FS2015 (T20IP) |

Clamping block

SBN

Walter Cut



| Tool | Designation | h_4 | h_1 mm | b mm | l_1 mm |
|------|--------------|-------|-------------|-----------|-------------|
| | SBN2020-26-K | 26 | 20 | 20 | 90 |
| | SBN2520-32-K | 32 | 25 | 20 | 110 |
| | SBN3229-32-K | 32 | 32 | 29 | 120 |
| | SBN3229-46-K | 46 | 32 | 29 | 150 |
| | SBN4037-46-K | 46 | 40 | 37 | 150 |

Square shank

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | h_1 [mm] | 20-25 | 32 | 40 |
|----------------|------------|-----------------------------|-----------------------------|-----------------------------|
| Clamping screw | | M06X025 ISO4762 12.9 (SW 5) | M06X025 ISO4762 12.9 (SW 5) | M08X035 ISO4762 12.9 (SW 6) |


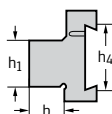
Clamping block

SBN inch

Walter Cut



A2

| Tool | | | | | |
|--|--------------|-------|---------------|-------------|---------------|
| | Designation | h_4 | h_1 inch | b inch | l_1 inch |
|   | SBN12-26K-E | 26 | 0.750 | 0.750 | 3.543 |
| | SBN12-26KS-E | 26 | 0.750 | 0.750 | 3.543 |
| | SBN16-32-K-E | 32 | 1.000 | 1.000 | 4.331 |
| | SBN16-32KS-E | 32 | 1.000 | 1.000 | 4.331 |
| | SBN20-32K-E | 32 | 1.250 | 1.250 | 4.724 |
| | SBN20-32KS-E | 32 | 1.250 | 1.250 | 4.724 |

Square shank

| Assembly parts | | |
|---|----------------|-----------------------------|
| | h_1 [inch] | 0.75-1.25 |
|  | Clamping screw | M06X025 ISO4762 12.9 (SW 5) |

Clamping block with internal coolant

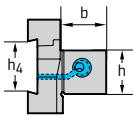
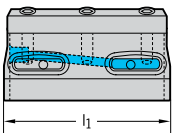
 G2661...-P

Walter Cut

- Precision cooling
- Clamping block for parting blades



Tool



Square shank

| Designation | h_4 | h mm | b mm | l_1 mm |
|------------------|-------|-----------|-----------|-------------|
| G2661-1616N-26-P | 26 | 16 | 16 | 95 |
| G2661-2020N-26-P | 26 | 20 | 20 | 95 |
| G2661-2020N-32-P | 32 | 20 | 20 | 95 |
| G2661-2525N-32-P | 32 | 25 | 25 | 95 |
| G2661-3225N-32-P | 32 | 32 | 25 | 95 |
| G2661-3225N-52-P | 52 | 32 | 25 | 140 |
| G2661-4032N-52-P | 52 | 40 | 32 | 140 |

For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | h [mm] | 16-25 | 32 | 40 |
|--|----------------------|-----------------------------|-----------------------------|-----------------------------|
| | Clamping wedge | PK260 | PK260 | PK263 |
| | Clamping screw | M06X020 ISO4762 12.9 (SW 5) | M06X020 ISO4762 12.9 (SW 5) | M08X025 ISO4762 12.9 (SW 6) |
| | O-ring | O-RING 20X2 | O-RING 20X2 | O-RING 27X2 |
| | G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) | FS2258 (SW 2) |
| | ISO 2936 key | ISO2936-5 (SW 5) | ISO2936-5 (SW 5) | ISO2936-6 (SW 6) |

Clamping block with internal coolant

G2661...-P inch

Walter Cut

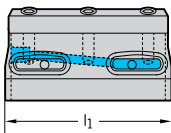
- Precision cooling
- Clamping block for parting blades



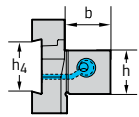
A2



Tool








| Designation | h ₄ | h inch | b inch | h ₁ inch |
|----------------|----------------|-----------|-----------|------------------------|
| G2661.12N-26-P | 26 | 0.750 | 0.750 | 3.74 |
| G2661.12N-32-P | 32 | 0.750 | 0.750 | 3.74 |
| G2661.16N-26-P | 26 | 1.000 | 1.000 | 3.74 |
| G2661.16N-32-P | 32 | 1.000 | 1.000 | 3.74 |
| G2661.20N-32-P | 32 | 1.250 | 1.250 | 3.74 |
| G2661.20N-52-P | 52 | 1.250 | 1.250 | 5.512 |
| G2661.24N-52-P | 52 | 1.500 | 1.500 | 5.512 |



Square shank

For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

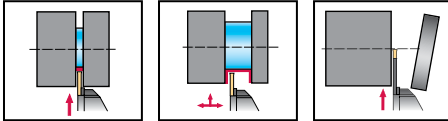
| h [inch] | 0.75-1 | 1.25 | 1.5 |
|--|-----------------------------|-----------------------------|-----------------------------|
|  Clamping wedge | PK260 | PK260 | PK263 |
|  Clamping screw | M06X020 ISO4762 12.9 (SW 5) | M06X020 ISO4762 12.9 (SW 5) | M08X025 ISO4762 12.9 (SW 6) |
|  O-ring | O-RING 20X2 | O-RING 20X2 | O-RING 27X2 |
|  G 1/8" threaded plug | FS2258 (SW 2) | FS2258 (SW 2) | FS2258 (SW 2) |
|  ISO 2936 key | ISO2936-5 (SW 5) | ISO2936-5 (SW 5) | ISO2936-6 (SW 6) |

Groove turning holders – Radial grooving

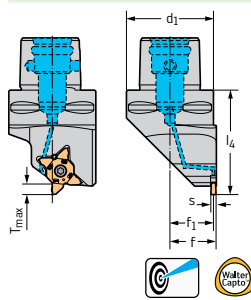
 G3011-C...-P

Walter Cut

- Walter Capto™
- Screw clamping



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | s mm | s inch | T _{max} mm | d ₁ | f ₁ mm | l ₄ mm | Type |
|--------------------|----------|-------------|------------------------|----------------|----------------------|----------------------|-------------|
| G3011-C3R-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 6 | C3 | 20 | 45 | MX-22-2E .. |
| G3011-C4R-MX22-2-P | | | | | | | |
| G3011-C5R-MX22-2-P | | | | | | | |
| G3011-C6R-MX22-2-P | | | | | | | |
| G3011-C4R-MX22-4-P | 4–5.65 | 0.157–0.222 | 6 | C4 | 20 | 60 | MX-22-4E .. |
| G3011-C5R-MX22-4-P | | | | | | | |
| G3011-C6R-MX22-4-P | | | | | | | |
| G3011-C3L-MX22-2-P | 0.5–3.25 | 0.020–0.128 | 6 | C3 | 20 | 45 | MX-22-2E .. |
| G3011-C4L-MX22-2-P | | | | | | | |
| G3011-C5L-MX22-2-P | | | | | | | |
| G3011-C6L-MX22-2-P | | | | | | | |
| G3011-C4L-MX22-4-P | 4–5.65 | 0.157–0.222 | 6 | C4 | 20 | 60 | MX-22-4E .. |
| G3011-C5L-MX22-4-P | | | | | | | |
| G3011-C6L-MX22-4-P | | | | | | | |

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

 Maximum cutting depth T_{max} – see cutting inserts

The maximum recommended coolant pressure is 150 bar (2175 psi)

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5–3.25–4–5.65 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2571 (T20IP) 5 Nm |
| | Torx key | FS2572 (T10IP) |

Accessories

| | s [mm] | 0.5–3.25–4–5.65 |
|--|------------------------------|-----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Groove turning holders – Radial grooving

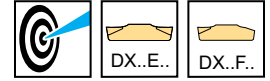
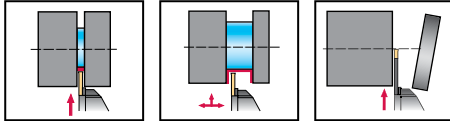
G4011-C...-P

Walter Cut

- Walter Capto™
- Screw clamping



A2



Tool

| | Designation | s mm | s inch | T _{max} mm | D ₂ mm | d ₁ | f ₁ mm | l ₄ mm | s ₁ mm | Type |
|--|----------------------|---------|-----------|------------------------|----------------------|----------------|----------------------|----------------------|----------------------|-------------|
| | G4011-C3R-2T17DX18-P | 2 | 0.079 | 17 | 52 | C3 | 20 | 55 | 1.6 | DX18-2E2 .. |
| | G4011-C4R-2T17DX18-P | | | 17 | 52 | C4 | 20 | 60 | 1.6 | |
| | G4011-C3L-2T17DX18-P | 2 | 0.079 | 17 | 52 | C3 | 20 | 55 | 1.6 | DX18-2E2 .. |
| | G4011-C4L-2T17DX18-P | | | 17 | 52 | C4 | 20 | 60 | 1.6 | |

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.
The maximum recommended coolant pressure is 150 bar (2175 psi)
Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 2 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Torx key | FS1464 (T20IP) |

Accessories

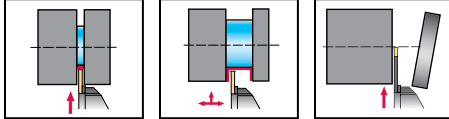
| | s [mm] | 2 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Groove turning holders – Radial grooving

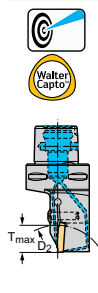
 G1011-C...-P

Walter Cut

- Walter Capto™
- Screw clamping



Tool



Walter Capto™ in acc. with ISO 26623

| Designation | s mm | s inch | T _{max} mm | D ₂ mm | d ₁ | f ₁ mm | l ₄ mm | s ₁ mm | Type |
|----------------------|---------|-----------|------------------------|----------------------|----------------|----------------------|----------------------|----------------------|----------------------------|
| G1011-C3R-3T21GX24-P | 3 | 0.118 | 21 | 65 | C3 | 20.5 | 60 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011-C4R-3T21GX24-P | | | 21 | 65 | C4 | 25.5 | 65 | 2.4 | |
| G1011-C5R-3T21GX24-P | | | 21 | 65 | C5 | 30.5 | 70 | 2.4 | |
| G1011-C4R-4T21GX24-P | 4 | 0.157 | 21 | 65 | C4 | 25 | 65 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011-C5R-4T21GX24-P | | | 21 | | C5 | 30 | 70 | 3.4 | |
| G1011-C6R-4T21GX24-P | | | 21 | | C6 | 36 | 76 | 3.4 | |
| G1011-C4R-5T21GX24-P | 5 | 0.197 | 21 | | C4 | 24.5 | 65 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011-C5R-5T21GX24-P | | | 21 | | C5 | 30 | 70 | 4.2 | |
| G1011-C6R-5T21GX24-P | | | 21 | | C6 | 36 | 76 | 4.2 | |
| G1011-C3L-3T21GX24-P | 3 | 0.118 | 21 | 65 | C3 | 20.5 | 60 | 2.4 | GX24-2E3 .. GX24-2F3 .. |
| G1011-C4L-3T21GX24-P | | | 21 | 65 | C4 | 25.5 | 65 | 2.4 | |
| G1011-C5L-3T21GX24-P | | | 21 | 65 | C5 | 30.5 | 70 | 2.4 | |
| G1011-C4L-4T21GX24-P | 4 | 0.157 | 21 | 65 | C4 | 25 | 65 | 3.4 | GX24-3E4 .. GX24-3F4 .. |
| G1011-C5L-4T21GX24-P | | | 21 | | C5 | 30 | 70 | 3.4 | |
| G1011-C6L-4T21GX24-P | | | 21 | | C6 | 36 | 76 | 3.4 | |
| G1011-C4L-5T21GX24-P | 5 | 0.197 | 21 | | C4 | 24.5 | 65 | 4.2 | GX24-3E5 .. GX24-3F5 .. |
| G1011-C5L-5T21GX24-P | | | 21 | | C5 | 30 | 70 | 4.2 | |
| G1011-C6L-5T21GX24-P | | | 21 | | C6 | 36 | 76 | 4.2 | |

Dimensional drawing shows right-hand version.

$$f = f_1 + s/2$$

If no D₂ or D_{max} is specified, there is no diameter limit on the tool.
The maximum recommended coolant pressure is 150 bar (2175 psi)
Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 3–5 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2118 (T20IP) 5 Nm |
| | Torx key | FS1464 (T20IP) |

Accessories

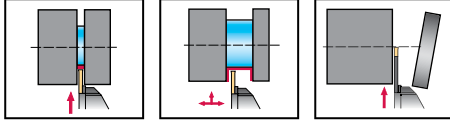
| | s [mm] | 3–5 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |

Grooving module – Radial grooving

MSS...E...

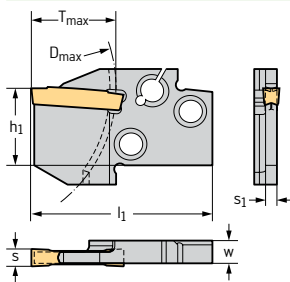
Walter Cut

– Screw clamping



A2

Tool



| Designation | s mm | s inch | T _{max} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type |
|-------------------|---------|---------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------|--|
| MSS-E20R03-GX16-2 | 0.6 - 3 | 0.024 - 0.118 | 3 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-0E .. GX16-1E .. GX16-2E .. |
| MSS-E25R03-GX16-2 | | | 3 | 79 | 20 | 5.9 | 38 | 2 | E25 | |
| MSS-E32R03-GX16-2 | | | 3 | 100 | 25.5 | | 45 | 2 | E32 | |
| MSS-E20R12-GX16-1 | 2 | 0.079 | 12 | 63 | 16 | 4.4 | 33 | 1.3 | E20 | GX16-1E2 .. |
| MSS-E25R12-GX16-1 | | | 12 | 79 | 20 | 5.9 | 38 | 1.3 | E25 | |
| MSS-E20R12-GX16-2 | 3 | 0.118 | 12 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-2E3 .. |
| MSS-E20R21-GX24-2 | | | 21 | 63 | 16 | 4.4 | 42 | 2 | E20 | |
| MSS-E25R12-GX16-2 | | | 12 | 79 | 20 | 5.9 | 38 | 2 | E25 | GX16-2E3 .. |
| MSS-E25R21-GX24-2 | | | 21 | 79 | 20 | 5.9 | 47 | 2 | E25 | |
| MSS-E32R12-GX16-2 | | | 12 | 100 | 25.5 | | 45 | 2 | E32 | GX16-2E3 .. |
| MSS-E32R21-GX24-2 | | | 21 | 100 | 25.5 | | 54 | 3 | E32 | |
| MSS-E20R12-GX16-3 | 4 - 5 | 0.157 - 0.197 | 12 | 63 | 16 | 4.4 | 33 | 3 | E20 | GX16-3E .. |
| MSS-E25R12-GX16-3 | | | 12 | 79 | 20 | 5.9 | 38 | 3 | E25 | |
| MSS-E25R21-GX24-3 | | | 21 | 79 | 20 | 5.9 | 47 | 3 | E25 | GX16-3E .. |
| MSS-E32R12-GX16-3 | | | 12 | 100 | 25.5 | | 45 | 3 | E32 | |
| MSS-E32R21-GX24-3 | | | 21 | 100 | 25.5 | | 54 | 3 | E32 | GX16-3E .. |
| MSS-E25R12-GX16-4 | 6 | 0.236 | 12 | 79 | 20 | 5.9 | 38 | 4.2 | E25 | |
| MSS-E25R21-GX24-4 | | | 21 | 79 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E32R21-GX24-4 | | | 21 | 100 | 25.5 | | 54 | 4.2 | E32 | |
| MSS-E25R21-GX24-5 | 8 | 0.315 | 21 | 79 | 20 | 5.9 | 47 | 5.9 | E25 | GX24-5R .. |
| MSS-E20L03-GX16-2 | 0.6 - 3 | 0.024 - 0.118 | 3 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-0E .. GX16-1E .. GX16-2E .. |
| MSS-E25L03-GX16-2 | | | 3 | 79 | 20 | 5.9 | 38 | 2 | E25 | |
| MSS-E32L03-GX16-2 | | | 3 | 100 | 25.5 | 5.9 | 45 | 2 | E32 | |
| MSS-E20L12-GX16-1 | 2 | 0.079 | 12 | 63 | 16 | 4.4 | 33 | 1.3 | E20 | GX16-1E2 .. |
| MSS-E25L12-GX16-1 | | | 12 | 79 | 20 | 5.9 | 38 | 1.3 | E25 | |
| MSS-E20L12-GX16-2 | 3 | 0.118 | 12 | 63 | 16 | 4.4 | 33 | 2 | E20 | GX16-2E3 .. |
| MSS-E20L21-GX24-2 | | | 21 | 63 | 16 | 4.4 | 42 | 2 | E20 | |
| MSS-E25L12-GX16-2 | | | 12 | 79 | 20 | 5.9 | 38 | 2 | E25 | GX16-2E3 .. |
| MSS-E25L21-GX24-2 | | | 21 | 79 | 20 | 5.9 | 47 | 2 | E25 | |
| MSS-E32L12-GX16-2 | | | 12 | 100 | 25.5 | 5.9 | 45 | 2 | E32 | GX16-2E3 .. |
| MSS-E32L21-GX24-2 | | | 21 | 100 | 25.5 | 5.9 | 54 | 3 | E32 | |
| MSS-E20L12-GX16-3 | 4 - 5 | 0.157 - 0.197 | 12 | 63 | 16 | 4.4 | 33 | 3 | E20 | GX16-3E .. |
| MSS-E25L12-GX16-3 | | | 12 | 79 | 20 | 5.9 | 38 | 3 | E25 | |
| MSS-E25L21-GX24-3 | | | 21 | 79 | 20 | 5.9 | 47 | 3 | E25 | GX16-3E .. |
| MSS-E32L12-GX16-3 | | | 12 | 100 | 25.5 | 5.9 | 45 | 3 | E32 | |
| MSS-E32L21-GX24-3 | | | 21 | 100 | 25.5 | 5.9 | 54 | 3 | E32 | GX16-3E .. |
| MSS-E25L12-GX16-4 | 6 | 0.236 | 12 | 79 | 20 | 5.9 | 38 | 4.2 | E25 | |
| MSS-E25L21-GX24-4 | | | 21 | 79 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E32L21-GX24-4 | | | 21 | 100 | 25.5 | 5.9 | 54 | 4.2 | E32 | |
| MSS-E25L21-GX24-5 | 8 | 0.315 | 21 | 79 | 20 | 5.9 | 47 | 5.9 | E25 | GX24-5R .. |

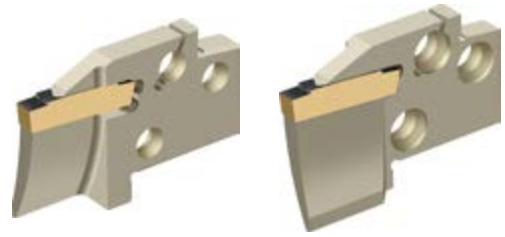
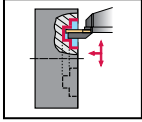
Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com

Grooving module – Axial grooving

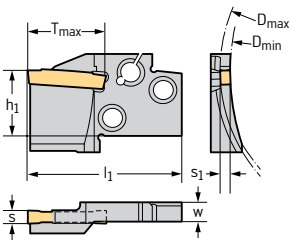
 MSS...E...A mm

Walter Cut

– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Mod- ule size | Type | | |
|--------------------------|---------|------------------|------------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|---------------------|----------------------------|-----|----------------------------|
| MSS-E20R14-GX24-2A100150 | 3 | 0.118 | 14 | 100 | 150 | 16 | 4.4 | 42 | 2 | E20 | GX24-2E3 .. GX24-2F3 .. | | |
| MSS-E20R14-GX24-2A5070 | | | 14 | 50 | 70 | 16 | 4.4 | 42 | 2 | E20 | | | |
| MSS-E20R14-GX24-2A70100 | | | 14 | 70 | 100 | 16 | 4.4 | 42 | 2 | E20 | | | |
| MSS-E25R15-GX24-2A100150 | | | 4 - 5 | 0.157 - 0.197 | 15 | 100 | 150 | 20 | 5.9 | 47 | 2 | E25 | GX24-3E .. GX24-3F .. |
| MSS-E25R15-GX24-2A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 2 | E25 | |
| MSS-E25R15-GX24-2A70100 | | | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 2 | E25 | |
| MSS-E25R15-GX24-3A100150 | 6 | 0.236 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 3 | E25 | GX24-4E6 .. |
| MSS-E25R15-GX24-3A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 3 | E25 | |
| MSS-E25R15-GX24-3A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 3 | E25 | |
| MSS-E25R15-GX24-3A70100 | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 3 | E25 | | | |
| MSS-E32R15-GX24-3A100150 | | | 3 | 0.118 | 15 | 100 | 150 | 25.5 | | 54 | 3 | E32 | GX24-2E3 .. GX24-2F3 .. |
| MSS-E32R15-GX24-3A150300 | | | | | 15 | 150 | 300 | 25.5 | | 54 | 3 | E32 | |
| MSS-E32R15-GX24-3A70100 | 15 | 70 | | | 100 | 25.5 | | 54 | 3 | E32 | | | |
| MSS-E25L15-GX24-4A100150 | 4 - 5 | 0.157 - 0.197 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E25L15-GX24-4A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E25L15-GX24-4A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E25L15-GX24-4A70100 | | | 6 | 0.236 | 15 | 70 | 100 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E32R15-GX24-4A100150 | | | | | 15 | 100 | 150 | 25.5 | | 54 | 4.2 | E32 | |
| MSS-E32R15-GX24-4A150300 | | | | | 15 | 150 | 300 | 25.5 | | 54 | 4.2 | E32 | |
| MSS-E32R15-GX24-4A300900 | 3 | 0.118 | | | 15 | 300 | 900 | 25.5 | | 54 | 4.2 | E32 | GX24-2E3 .. GX24-2F3 .. |
| MSS-E32R15-GX24-4A70100 | | | | | 15 | 70 | 100 | 25.5 | | 54 | 4.2 | E32 | |
| MSS-E20L14-GX24-2A100150 | | | | | 4 - 5 | 0.157 - 0.197 | 14 | 100 | 150 | 16 | 4.4 | 42 | |
| MSS-E20L14-GX24-2A5070 | | | 14 | 50 | | | 70 | 16 | 4.4 | 42 | 2 | E20 | |
| MSS-E20L14-GX24-2A70100 | | | 14 | 70 | | | 100 | 16 | 4.4 | 42 | 2 | E20 | |
| MSS-E25L15-GX24-2A100150 | | | 6 | 0.236 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 2 |
| MSS-E25L15-GX24-2A5070 | 15 | 50 | | | | | 70 | 20 | 5.9 | 47 | 2 | E25 | |
| MSS-E25L15-GX24-2A70100 | 15 | 70 | | | | | 100 | 20 | 5.9 | 47 | 2 | E25 | |
| MSS-E25L15-GX24-3A100150 | 3 | 0.118 | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 3 | E25 | GX24-3E .. GX24-3F .. |
| MSS-E25L15-GX24-3A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 3 | E25 | |
| MSS-E25L15-GX24-3A5070 | | | | | 15 | 50 | 70 | 20 | 5.9 | 47 | 3 | E25 | |
| MSS-E25L15-GX24-3A70100 | | | 6 | 0.236 | 15 | 70 | 100 | 20 | 5.9 | 47 | 3 | E25 | GX24-4E6 .. |
| MSS-E32L15-GX24-3A100150 | | | | | 15 | 100 | 150 | 25.5 | 5.9 | 54 | 3 | E32 | |
| MSS-E32L15-GX24-3A150300 | | | | | 15 | 150 | 300 | 25.5 | 5.9 | 54 | 3 | E32 | |
| MSS-E32L15-GX24-3A70100 | 3 | 0.118 | | | 15 | 70 | 100 | 25.5 | 5.9 | 54 | 3 | E32 | GX24-4E6 .. |
| MSS-E25L15-GX24-4A100150 | | | | | 15 | 100 | 150 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E25L15-GX24-4A150300 | | | | | 15 | 150 | 300 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E25L15-GX24-4A5070 | | | 6 | 0.236 | 15 | 50 | 70 | 20 | 5.9 | 47 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E25L15-GX24-4A70100 | | | | | 15 | 70 | 100 | 20 | 5.9 | 47 | 4.2 | E25 | |
| MSS-E32L15-GX24-4A100150 | | | | | 15 | 100 | 150 | 25.5 | 5.9 | 54 | 4.2 | E32 | |

 Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com

| Tool | | Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Mod- ule size | Type |
|------|--|--------------------------|---------|-----------|------------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|---------------------|-------------|
| | | MSS-E32L15-GX24-4A150300 | 6 | 0.236 | 15 | 150 | 300 | 25.5 | 5.9 | 54 | 4.2 | E32 | GX24-4E6 .. |
| | | MSS-E32L15-GX24-4A300900 | | | 15 | 300 | 900 | 25.5 | 5.9 | 54 | 4.2 | E32 | |
| | | MSS-E32L15-GX24-4A70100 | | | 15 | 70 | 100 | 25.5 | 5.9 | 54 | 4.2 | E32 | |

Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com

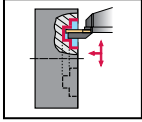
A2

Grooving module – Axial grooving

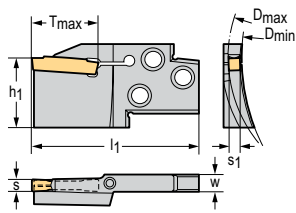
 MSS...E...C

Walter Cut

– Screw clamping



Tool



| Designation | s mm | s inch | T _{max} mm | D _{min} mm | D _{max} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Mod- ule size | Type |
|--------------------------|---------|------------------|------------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|---------------------|--------------------------|
| MSS-E25R21-GX24-3C100150 | 4 - 5 | 0.157 - 0.197 | 21 | 100 | 150 | 20 | 6.2 | 60 | 3 | E25 | GX24-3E .. GX24-3F .. |
| MSS-E25R21-GX24-3C150300 | | | 21 | 150 | 300 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25R21-GX24-3C5070 | | | 21 | 50 | 70 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25R21-GX24-3C70100 | | | 21 | 70 | 100 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25R25-GX24-4C100150 | 6 | 0.236 | 25 | 100 | 150 | 20 | 6.2 | 60 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E25R25-GX24-4C150300 | | | 25 | 150 | 300 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25R25-GX24-4C5070 | | | 25 | 50 | 70 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25R25-GX24-4C70100 | | | 25 | 70 | 100 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25L21-GX24-3C100150 | 4 - 5 | 0.157 - 0.197 | 21 | 100 | 150 | 20 | 6.2 | 60 | 3 | E25 | GX24-3E .. GX24-3F .. |
| MSS-E25L21-GX24-3C150300 | | | 21 | 150 | 300 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25L21-GX24-3C5070 | | | 21 | 50 | 70 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25L21-GX24-3C70100 | | | 21 | 70 | 100 | 20 | 6.2 | 60 | 3 | E25 | |
| MSS-E25L25-GX24-4C100150 | 6 | 0.236 | 25 | 100 | 150 | 20 | 6.2 | 60 | 4.2 | E25 | GX24-4E6 .. |
| MSS-E25L25-GX24-4C150300 | | | 25 | 150 | 300 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25L25-GX24-4C5070 | | | 25 | 50 | 70 | 20 | 6.2 | 60 | 4.2 | E25 | |
| MSS-E25L25-GX24-4C70100 | | | 25 | 70 | 100 | 20 | 6.2 | 60 | 4.2 | E25 | |

Dimensional drawing shows right-hand version. | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 4 - 5-6 |
|--|---|----------------------|
| | Clamping screw for grooving insert Tightening torque | FS1342 (T15) 2 Nm |
| | Handle key for grooving insert | FS1047 (T15) |

Turning toolholder – modular

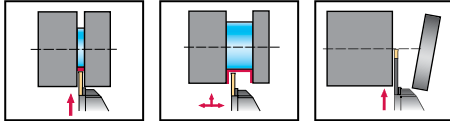
C...-MSS

Walter Cut

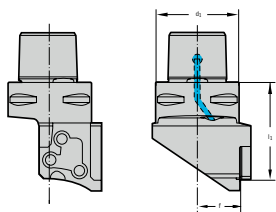
- Walter Capto™
- Screw clamping



A2

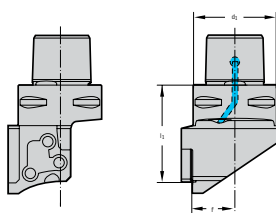


Tool



Walter Capto™ in acc. with ISO 26623

| Designation | d ₁ | f mm | l ₁ mm | Module size |
|---------------|----------------|---------|----------------------|-------------|
| C3-MSS-E20R00 | C3 | 16 | 36.5 | E20 |
| C4-MSS-E25R00 | C4 | 20.5 | 47.5 | E25 |
| C5-MSS-E25R00 | C5 | 25.5 | 47.5 | E25 |
| C6-MSS-E25R00 | C6 | 31.5 | 53.5 | E25 |
| C6-MSS-E32R00 | C6 | 31.5 | 53.5 | E32 |







Walter Capto™ in acc. with ISO 26623

| | | | | |
|---------------|----|------|------|-----|
| C3-MSS-E20L00 | C3 | 16 | 36.5 | E20 |
| C4-MSS-E25L00 | C4 | 20.5 | 47.5 | E25 |
| C5-MSS-E25L00 | C5 | 25.5 | 47.5 | E25 |
| C6-MSS-E25L00 | C6 | 31.5 | 53.5 | E25 |
| C6-MSS-E32L00 | C6 | 31.5 | 53.5 | E32 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

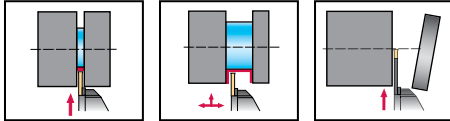
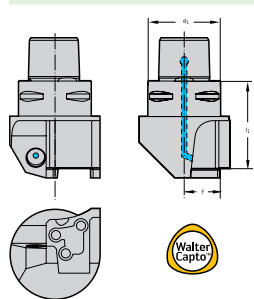
Assembly parts

| | d ₁ | E20 C3 | E25 C4 | E25 C5–C6 | E32 C6 |
|---|--|----------------------|----------------------|----------------------|----------------------|
|  | Cooling nozzle | FS1477 | FS1477 | | |
|  | C6 cooling lubricant nozzle | | | FS1476 | FS1476 |
|  | Screw for grooving module Tightening torque | FS1053 (T15) 2 Nm | FS1054 (T20) 3 Nm | FS1054 (T20) 3 Nm | FS1055 (T25) 3 Nm |
|  | Handle key | FS1047 (T15) | FS1048 (T20) | FS1048 (T20) | FS1049 (T25) |

Turning toolholder – modular

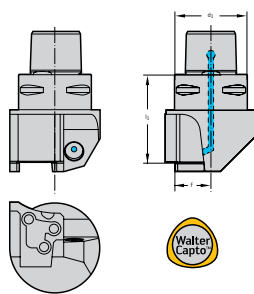
 C...-MSS...90 mm
Walter Cut

- Walter Capto™
- Screw clamping


Tool


| Designation | d ₁ | f mm | l ₁ mm | Module size |
|---------------|----------------|---------|----------------------|-------------|
| C4-MSS-E25R90 | C4 | 20 | 48.5 | E25 |
| C5-MSS-E25R90 | C5 | 25 | 48.5 | E25 |
| C6-MSS-E32R90 | C6 | 27 | 57 | E32 |

Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

 Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | d ₁ | E25 C4 | E25 C5 | E32 C6 |
|--|--|----------------------|----------------------|----------------------|
| | Cooling nozzle | FS1477 | FS1476 | FS1476 |
| | Screw for grooving module Tightening torque | FS1054 (T20) 3 Nm | FS1054 (T20) 3 Nm | FS1055 (T25) 3 Nm |
| | Handle key | FS1048 (T20) | FS1048 (T20) | FS1049 (T25) |

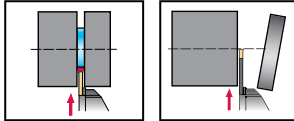
Grooving module – Radial grooving

G2632-E...R/L...-SX mm

Walter Cut



A2



Tool

| | Designation | s mm | s inch | T _{max} mm | D ₂ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type | |
|-------------------|-------------------|-------------------|-----------|------------------------|----------------------|---------|----------------------|----------------------|----------------|--------|--------|
| | G2632-E20R-2T20SX | 2 | 0.079 | 20 | 65 | 4.4 | 42 | 1.6 | E20 | SX-2E2 | |
| | G2632-E25R-2T20SX | | | 20 | 80 | 5.9 | 48 | 1.6 | E25 | | |
| | | G2632-E20R-3T20SX | 3 | 0.118 | 20 | 65 | 4.4 | 42 | 2.4 | E20 | SX-3E3 |
| | | G2632-E25R-3T25SX | | | 25 | 90 | 5.9 | 53 | 2.4 | E25 | |
| | | G2632-E25R-3T35SX | | | 35 | 80 | 5.9 | 63 | 2.4 | E25 | |
| | | G2632-E32R-3T45SX | | | 45 | 90 | 5.9 | 80 | 2.4 | E32 | |
| | G2632-E20R-4T20SX | 4 | 0.157 | 20 | 65 | 4.4 | 42 | 3.4 | E20 | SX-4E4 | |
| | G2632-E25R-4T35SX | | | 35 | 80 | 5.9 | 63 | 3.4 | E25 | | |
| | G2632-E32R-4T45SX | | | 45 | 90 | 5.9 | 80 | 3.4 | E32 | | |
| | G2632-E25R-5T35SX | 5 | 0.197 | 35 | 80 | 5.9 | 63 | 4.3 | E25 | SX-5E5 | |
| | G2632-E32R-5T45SX | | | 45 | 90 | 5.9 | 80 | 4.3 | E32 | | |
| | G2632-E25R-6T35SX | 6 | 0.236 | 35 | 80 | 5.9 | 63 | 5.3 | E25 | SX-6E6 | |
| | G2632-E32R-6T45SX | | | 45 | 90 | 5.9 | 80 | 5.3 | E32 | | |
| | G2632-E20L-2T20SX | 2 | 0.079 | 20 | 65 | 4.4 | 42 | 1.6 | E20 | SX-2E2 | |
| | G2632-E25L-2T20SX | | | 20 | 80 | 5.9 | 48 | 1.6 | E25 | | |
| | | G2632-E20L-3T20SX | 3 | 0.118 | 20 | 65 | 4.4 | 42 | 2.4 | E20 | SX-3E3 |
| | | G2632-E25L-3T25SX | | | 25 | 90 | 5.9 | 53 | 2.4 | E25 | |
| | | G2632-E25L-3T35SX | | | 35 | 80 | 5.9 | 63 | 2.4 | E25 | |
| | | G2632-E32L-3T45SX | | | 45 | 90 | 5.9 | 80 | 2.4 | E32 | |
| | | G2632-E20L-4T20SX | 4 | 0.157 | 20 | 65 | 4.4 | 42 | 3.4 | E20 | SX-4E4 |
| | | G2632-E25L-4T35SX | | | 35 | 80 | 5.9 | 63 | 3.4 | E25 | |
| | | G2632-E32L-4T45SX | | | 45 | 90 | 5.9 | 80 | 3.4 | E32 | |
| | | G2632-E25L-5T35SX | 5 | 0.197 | 35 | 80 | 5.9 | 63 | 4.3 | E25 | SX-5E5 |
| | | G2632-E32L-5T45SX | | | 45 | 90 | 5.9 | 80 | 4.3 | E32 | |
| | | G2632-E25L-6T35SX | 6 | 0.236 | 35 | 80 | 5.9 | 63 | 5.3 | E25 | SX-6E6 |
| G2632-E32L-6T45SX | | 45 | | | 90 | 5.9 | 80 | 5.3 | E32 | | |
| | G2632-E32N-8T45SX | 8 | 0.315 | 45 | 90 | 5.9 | 80 | 6.8 | E32 | SX-8E8 | |

Refer to the Walter online catalog for more product information: www.walter-tools.com

Accessories

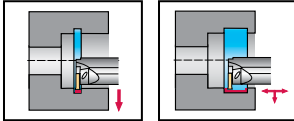
| s [mm] | 2-6 | 8 |
|-------------------------------------|--------|--------|
| Mounting wrench for grooving insert | FS1494 | FS2274 |

Boring bar – Internal grooving

 G3221...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool

| Designation | s mm | s inch | T _{max} mm | D _{min} mm | d ₁ mm | f mm | l ₄ mm | l ₂₁ mm | l ₁ mm | Type |
|---------------------|----------|-------------|------------------------|------------------------|----------------------|---------|----------------------|-----------------------|----------------------|-------------|
| G3221-32SR-MX22-2-P | 0.5-3.25 | 0.020-0.128 | 4 | 80 | 32 | 30 | 72 | 248.3 | 250 | MX-22-2E .. |
| G3221-32SL-MX22-2-P | 0.5-3.25 | 0.020-0.128 | 4 | 80 | 32 | 30 | 72 | 248.3 | 250 | MX-22-2E .. |

Cylindrical shank with flat

Dimensional drawing shows right-hand version.
 For the connection set for internal coolant supply with G1/8" thread. see "Assembly parts and accessories"
 The maximum recommended coolant pressure is 80 bar (1160 psi)
 Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] | 0.5-3.25 |
|--|---|---------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2571 (T20IP) 5 Nm |
| | Threaded plug | M03X003 ISO 4026 (SW 1.5) |
| | O-ring | O-RING 27X2 |
| | Torx key | FS2572 (T10IP) |

Accessories

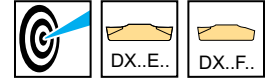
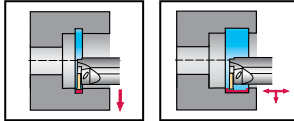
| | s [mm] | 0.5-3.25 |
|--|------------------------------|----------------|
| | Torque screwdriver, analogue | FS2003 |
| | Interchangeable blade | FS2015 (T20IP) |
| | Torque screwdriver, digital | FS2248 |

Boring bar – Internal grooving

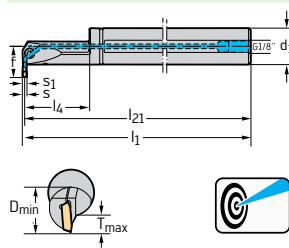
G4221...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} mm | D _{min} mm | d ₁ mm | f mm | l ₄ mm | l ₂₁ mm | s ₁ mm | Type |
|------------------------|---------|-----------|------------------------|------------------------|----------------------|---------|----------------------|-----------------------|----------------------|----------------------------|
| G4221-25RR-2T08-DX18-P | 2 | 0.079 | 8 | 25 | 25 | 21.1 | 46.2 | 199.2 | 1.6 | DX18-2E2 .. |
| G4221-25RR-3T08-DX18-P | 3 | 0.118 | 8 | 25 | 25 | 21.1 | 46.3 | 198.8 | 2.5 | DX18-3E3 .. DX18-3F3 .. |
| G4221-32SR-3T10-DX18-P | | | 10 | 32 | 32 | 26.6 | 59.3 | 248.8 | 2.5 | |
| G4221-32SR-4T10-DX18-P | 4 | 0.157 | 10 | 32 | 32 | 26.6 | 59.3 | 248.3 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| G4221-25RL-2T08-DX18-P | 2 | 0.079 | 8 | 25 | 25 | 21.1 | 46.2 | 199.2 | 1.6 | DX18-2E2 .. |
| G4221-25RL-3T08-DX18-P | 3 | 0.118 | 8 | 25 | 25 | 21.1 | 46.3 | 198.8 | 2.5 | DX18-3E3 .. DX18-3F3 .. |
| G4221-32SL-3T10-DX18-P | | | 10 | 32 | 32 | 26.6 | 59.3 | 248.8 | 2.5 | |
| G4221-32SL-4T10-DX18-P | 4 | 0.157 | 10 | 32 | 32 | 26.6 | 59.3 | 248.3 | 3.4 | DX18-4E4 .. DX18-4F4 .. |

Cylindrical shank

Dimensional drawing shows right-hand version.

$$l_1 = l_{21} + s/2$$

The maximum recommended coolant pressure is 80 bar (1160 psi)

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | D _{min} [mm] | 25 | 32 |
|--|---|---------------------------|---------------------------|
| | Clamping screw for grooving insert Tightening torque | FS1495 (T20IP) 5 Nm | FS2089 (T25IP) 6 Nm |
| | Threaded plug | M03X003 ISO 4026 (SW 1,5) | M03X003 ISO 4026 (SW 1,5) |
| | O-ring | O-RING 20X2 | O-RING 27X2 |
| | Screwdriver | FS1486 (T20IP) | FS1487 (T25IP) |

Accessories

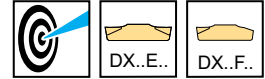
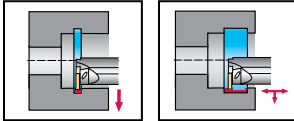
| | D _{min} [mm] | 25 | 32 |
|--|------------------------------|----------------|----------------|
| | Torque screwdriver, analogue | FS2003 | FS2003 |
| | Interchangeable blade | FS2015 (T20IP) | FS2016 (T25IP) |
| | Torque screwdriver, digital | FS2248 | FS2248 |

Boring bar – Internal grooving

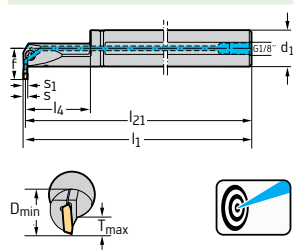
G4221...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



| Designation | s mm | s inch | T _{max} inch | D _{min} inch | d ₁ inch | f inch | l ₄ inch | l ₂₁ inch | s ₁ inch | Type |
|------------------------|---------|-----------|--------------------------|--------------------------|------------------------|-----------|------------------------|-------------------------|------------------------|----------------------------|
| G4221.16RR-2T08-DX18-P | 2 | 0.079 | 0.315 | 1.000 | 1.000 | 0.839 | 1.821 | 7.843 | 0.063 | DX18-2E2 .. |
| G4221.16RR-3T08-DX18-P | 3 | 0.118 | 0.315 | 1.000 | 1.000 | 0.839 | 1.821 | 7.825 | 0.098 | DX18-3E3 .. DX18-3F3 .. |
| G4221.20SR-3T10-DX18-P | | | 0.394 | 1.250 | 1.250 | 1.043 | 2.333 | 9.793 | 0.098 | |
| G4221.20SR-4T10-DX18-P | 4 | 0.157 | 0.394 | 1.250 | 1.250 | 1.043 | 2.335 | 9.776 | 0.134 | DX18-4E4 .. DX18-4F4 .. |

Cylindrical shank

$$l_1 = l_{21} + s/2$$

The maximum recommended coolant pressure is 80 bar (1160 psi)

For the connection set for internal coolant supply with G1/8" thread. see "Assembly parts and accessories"

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | D _{min} [inch] | 1 | 1.25 |
|--|---|-----------------------------|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS1495 (T20IP) 44 in lbs | FS2089 (T25IP) 53 in lbs |
| | Threaded plug | M03X003 ISO 4026 (SW 1.5) | M03X003 ISO 4026 (SW 1.5) |
| | O-ring | O-RING 20X2 | O-RING 27X2 |
| | Screwdriver | FS1486 (T20IP) | FS1487 (T25IP) |

Accessories

| | D _{min} [inch] | 1 | 1.25 |
|--|------------------------------|----------------|----------------|
| | Torque screwdriver, analogue | FS2004 | FS2004 |
| | Interchangeable blade | FS2015 (T20IP) | FS2016 (T25IP) |
| | Torque screwdriver, digital | FS2248 | FS2248 |

Boring bar – Internal grooving

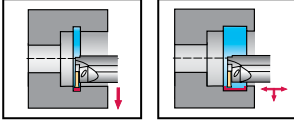
I12

Walter Cut



A2

– Screw clamping



| Tool | Designation | s mm | s inch | D _{min} mm | h ₁ mm | Type |
|-------------------|------------------|---------|-------------|------------------------|----------------------|-------------|
| | I12L90-2.5D-GX09 | 2–2.75 | 0.079–0.108 | 16 | 151 | GX09-1E1 .. |
| | I12R90-2.5D-GX09 | | | 16 | | |
| Cylindrical shank | | | | | | |

$$l_1 = l_{21} + s/2$$

Bodies and assembly parts are included in the scope of delivery

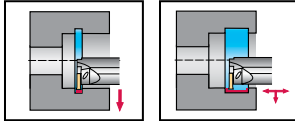
| Assembly parts | s [mm] | 2–2.75 16 |
|----------------|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2139 (T20IP) 5 Nm |
| | Handle key for grooving insert | FS1486 (T20IP) |

Boring bar – Internal grooving

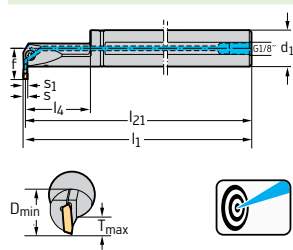
G1221...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Cylindrical shank with flat

| Designation | s mm | s inch | T _{max} mm | D _{min} mm | d ₁ mm | f mm | l ₄ mm | l ₂₁ mm | l ₁ mm | s ₁ mm | Type |
|------------------------|---------|---------------|------------------------|------------------------|----------------------|---------|----------------------|-----------------------|----------------------|----------------------|----------------------------|
| G1221-16QR-2T04-GX09-P | 2 - 2.5 | 0.079 - 0.098 | 4 | 16 | 16 | 12.6 | 29.3 | 179.3 | 180.3 | 1.4 | GX09-1E1 .. |
| G1221-20QR-2T06-GX09-P | | | 6 | 20 | 20 | 16.6 | 36.3 | 179.3 | 180.3 | 1.4 | |
| G1221-20QR-3T06-GX09-P | 2.5 - 3 | 0.098 - 0.118 | 6 | 20 | 20 | 16.6 | 35.9 | 179 | 180.45 | 2.1 | GX09-2E3 .. |
| G1221-40TR-3T12-GX24-P | 3 | 0.118 | 12 | 40 | 40 | 32.6 | 72 | 299 | 300.45 | 2.1 | GX24-2E3 .. GX24-2F3 .. |
| G1221-40TR-4T12-GX24-P | 4 | 0.157 | 12 | 40 | 40 | 32.6 | 71.5 | 298.5 | 300.45 | 3.1 | GX24-3E .. GX24-3F .. |
| G1221-40TR-5T12-GX24-P | 5 - 6 | 0.197 - 0.236 | 12 | 40 | 40 | 32.6 | 71.1 | 298.1 | 300.6 | 3.8 | |
| G1221-16QL-2T04-GX09-P | 2 - 2.5 | 0.079 - 0.098 | 4 | 16 | 16 | 12.6 | 29.3 | 179.3 | 180.3 | 1.4 | GX09-1E1 .. |
| G1221-20QL-2T06-GX09-P | | | 6 | 20 | 20 | 16.6 | 36.3 | 179.3 | 180.3 | 1.4 | |
| G1221-20QL-3T06-GX09-P | 2.5 - 3 | 0.098 - 0.118 | 6 | 20 | 20 | 16.6 | 35.9 | 179 | 180.45 | 2.1 | GX09-2E3 .. |
| G1221-40TL-3T12-GX24-P | 3 | 0.118 | 12 | 40 | 40 | 32.6 | 72 | 299 | 300.45 | 2.1 | GX24-2E3 .. GX24-2F3 .. |
| G1221-40TL-4T12-GX24-P | 4 | 0.157 | 12 | 40 | 40 | 32.6 | 71.5 | 298.5 | 300.45 | 3.1 | GX24-3E .. GX24-3F .. |
| G1221-40TL-5T12-GX24-P | 5 - 6 | 0.197 - 0.236 | 12 | 40 | 40 | 32.6 | 71.1 | 298.1 | 300.6 | 3.8 | |

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [mm] D _{min} [mm] | 3-5-6 40 | 2-2.5 16 | 2-2.5-2.5-3 20 |
|--|---|---------------------------|---------------------------|---------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2089 (T25IP) 6 Nm | FS1453 (T15IP) 3.5 Nm | FS2081 (T15IP) 4 Nm |
| | Threaded plug | M02X002 ISO 4026 (SW 0.9) | M02X002 ISO 4026 (SW 0.9) | M03X003 ISO 4026 (SW 1.5) |
| | O-ring | O-RING 34X2 | O-RING 11X2 | O-RING 15X2 |
| | Screwdriver | FS1487 (T25IP) | FS1485 (T15IP) | FS1485 (T15IP) |

Accessories

| | s [mm] D _{min} [mm] | 3-5-6 40 | 2-2.5-2.5-3 16-20 |
|--|---------------------------------|----------------|----------------------|
| | Torque screwdriver, analog | FS2003 | FS2003 |
| | Interchangeable blade | FS2016 (T25IP) | FS2014 (T15IP) |
| | Torque screwdriver, digital | FS2248 | FS2248 |

Boring bar – Internal grooving

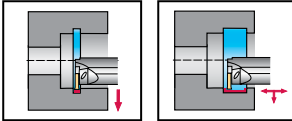
G1221...-P inch

Walter Cut

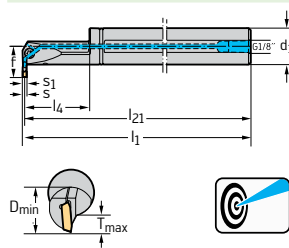
- Screw clamping
- Precision cooling



A2



Tool



Cylindrical shank with flat

| Designation | s mm | s inch | T _{max} inch | D _{min} inch | d ₁ inch | f inch | l ₄ inch | l ₂₁ inch | l ₁ inch | s ₁ inch | Type |
|------------------------|---------|------------------|--------------------------|--------------------------|------------------------|-----------|------------------------|-------------------------|------------------------|------------------------|--------------------------|
| G1221.10QR-2T04-GX09-P | 2 - 2.5 | 0.079 - 0.098 | 0.157 | 0.625 | 0.625 | 0.492 | 1.154 | 7.059 | 7.098 | 0.055 | GX09-1E1 .. |
| G1221.12QR-2T06-GX09-P | | | 0.236 | 0.750 | 0.750 | 0.634 | 1.429 | 7.059 | 7.098 | 0.055 | |
| G1221.12QR-3T06-GX09-P | 2.5 - 3 | 0.098 - 0.118 | 0.236 | 0.750 | 0.750 | 0.634 | 1.413 | 7.045 | 7.104 | 0.083 | GX09-2E3 .. |
| G1221.24TR-4T12-GX24-P | 4 | 0.157 | 0.472 | 1.500 | 1.500 | 1.244 | 2.813 | 11.750 | 11.829 | 0.122 | GX24-3E .. GX24-3F .. |
| G1221.10QL-2T04-GX09-P | 2 - 2.5 | 0.079 - 0.098 | 0.157 | 0.625 | 0.625 | 0.492 | 1.154 | 7.059 | 7.098 | 0.055 | GX09-1E1 .. |
| G1221.12QL-2T06-GX09-P | | | 0.236 | 0.750 | 0.750 | 0.634 | 1.429 | 7.059 | 7.098 | 0.055 | |
| G1221.12QL-3T06-GX09-P | 2.5 - 3 | 0.098 - 0.118 | 0.236 | 0.750 | 0.750 | 0.634 | 1.413 | 7.045 | 7.104 | 0.083 | GX09-2E3 .. |
| G1221.24TL-4T12-GX24-P | 4 | 0.157 | 0.472 | 1.500 | 1.500 | 1.244 | 2.813 | 11.750 | 11.829 | 0.122 | GX24-3E .. GX24-3F .. |

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see „Assembly parts and accessories“ | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | s [inch] D _{min} [inch] | 0.079 - 0.098 0.625 | 0.079 - 0.098 - 0.098 - 0.118 0.75 | 0.157 1.5 |
|--|---|-----------------------------|---------------------------------------|-----------------------------|
| | Clamping screw for grooving insert Tightening torque | FS1453 (T15IP) 2.581 lbs | FS2081 (T15IP) 2.95 lbs | FS2089 (T25IP) 4.425 lbs |
| | Threaded plug | M02X002 ISO 4026 (SW 0.9) | M03X003 ISO 4026 (SW 1.5) | M02X002 ISO 4026 (SW 0.9) |
| | O-ring | O-RING 11X2 | O-RING 15X2 | O-RING 34X2 |
| | Screwdriver | FS1485 (T15IP) | FS1485 (T15IP) | FS1487 (T25IP) |

Accessories

| | s [inch] D _{min} [inch] | 0.079 - 0.098 - 0.098 - 0.118 0.625 - 0.75 | 0.157 1.5 |
|--|-------------------------------------|---|----------------|
| | Torque screwdriver, analog | FS2004 | FS2004 |
| | Interchangeable blade | FS2014 (T15IP) | FS2016 (T25IP) |
| | Torque screwdriver, digital | FS2248 | FS2248 |

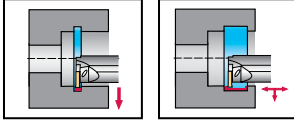
Boring bar – modular

 MSS...I...90-1.5 mm

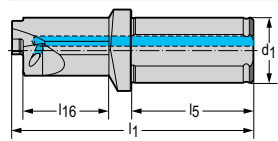
Walter Cut



– Screw clamping



Tool



Cylindrical shank

| Designation | d ₁ mm | l ₁₆ mm | l ₅ mm | l ₁ mm | Module size |
|-------------------|----------------------|-----------------------|----------------------|----------------------|-------------|
| MSS-I16R90-1.5D-N | 20 | 20.2 | 50 | 81.7 | I16 |
| MSS-I20R90-1.5D-N | 20 | 26.2 | 50 | 86.7 | I20 |
| MSS-I25R90-1.5D-N | 25 | 36.2 | 56 | 101.7 | I25 |
| MSS-I32R90-1.5D-N | 32 | 41.1 | 60 | 118.6 | I32 |
| MSS-I40R90-1.5D-N | 40 | 54.1 | 70 | 141.6 | I40 |
| MSS-I16L90-1.5D-N | 20 | 20.2 | 50 | 81.7 | I16 |
| MSS-I20L90-1.5D-N | 20 | 26.2 | 50 | 86.7 | I20 |
| MSS-I25L90-1.5D-N | 25 | 36.2 | 56 | 101.7 | I25 |
| MSS-I32L90-1.5D-N | 32 | 41.1 | 60 | 118.6 | I32 |
| MSS-I40L90-1.5D-N | 40 | 54.1 | 70 | 141.6 | I40 |

Cylindrical shank

 Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | I16 | I20 | I25 | I32 | I40 |
|--|--|---------------------|----------------------|----------------------|----------------------|----------------------|
| | Screw for grooving module Tightening torque | FS1051 (T8) 2 Nm | FS1056 (T10) 2 Nm | FS1052 (T15) 2 Nm | FS1057 (T20) 3 Nm | FS1054 (T20) 3 Nm |
| | Handle key | FS257 (T8) | FS1050 (T10) | FS1047 (T15) | FS1048 (T20) | FS1048 (T20) |

Boring bar – modular

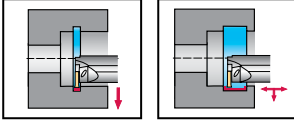
MSS...I...90-2.5 mm

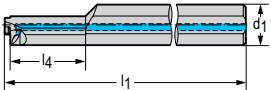
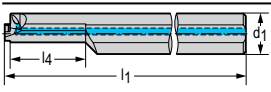
Walter Cut





A2

– Screw clamping



| Tool | Designation | d ₁ mm | l ₄ mm | l ₁ mm | Module size |
|--|-------------------|----------------------|----------------------|----------------------|-------------|
|  Cylindrical shank | MSS-I16R90-2.5D-N | 20 | 36.2 | 179.7 | I16 |
| | MSS-I20R90-2.5D-N | 25 | 46.2 | 199.7 | I20 |
| | MSS-I25R90-2.5D-N | 32 | 59.2 | 249.7 | I25 |
| | MSS-I32R90-2.5D-N | 40 | 74.1 | 299.6 | I32 |
| | MSS-I40R90-2.5D-N | 50 | 94.1 | 349.6 | I40 |
|  Cylindrical shank | MSS-I16L90-2.5D-N | 20 | 36.2 | 179.7 | I16 |
| | MSS-I20L90-2.5D-N | 25 | 46.2 | 199.7 | I20 |
| | MSS-I25L90-2.5D-N | 32 | 59.2 | 249.7 | I25 |
| | MSS-I32L90-2.5D-N | 40 | 74.1 | 299.6 | I32 |
| | MSS-I40L90-2.5D-N | 50 | 94.1 | 349.6 | I40 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | I16 | I20 | I25 | I32 | I40 |
|---|--|---------------------|----------------------|----------------------|----------------------|----------------------|
|  | Screw for grooving module Tightening torque | FS1051 (T8) 2 Nm | FS1056 (T10) 2 Nm | FS1052 (T15) 2 Nm | FS1057 (T20) 3 Nm | FS1054 (T20) 3 Nm |
|  | Handle key | FS257 (T8) | FS1050 (T10) | FS1047 (T15) | FS1048 (T20) | FS1048 (T20) |

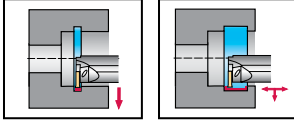
Boring bar – modular

 MSS...I...90-1.5 inch

Walter Cut



– Screw clamping


Tool

| | Designation | d ₁ inch | l ₁₆ inch | l ₅ inch | l ₁ inch | Module size |
|-----------------------|-------------------|------------------------|-------------------------|------------------------|------------------------|-------------|
| Cylindrical shank | MSS-I16R90-1.5D-E | 0.750 | 0.795 | 1.969 | 3.217 | I16 |
| | MSS-I20R90-1.5D-E | 0.750 | 1.031 | 1.969 | 3.413 | I20 |
| | MSS-I25R90-1.5D-E | 1.000 | 1.425 | 2.205 | 4.004 | I25 |
| | MSS-I32R90-1.5D-E | 1.250 | 1.618 | 2.362 | 4.669 | I32 |
| | MSS-I40R90-1.5D-E | 1.500 | 2.130 | 2.756 | 5.575 | I40 |
| Cylindrical shank | MSS-I16L90-1.5D-E | 0.750 | 0.795 | 1.969 | 3.217 | I16 |
| | MSS-I20L90-1.5D-E | 0.750 | 1.031 | 1.969 | 3.413 | I20 |
| | MSS-I25L90-1.5D-E | 1.000 | 1.425 | 2.205 | 4.004 | I25 |
| | MSS-I32L90-1.5D-E | 1.250 | 1.618 | 2.362 | 4.669 | I32 |
| | MSS-I40L90-1.5D-E | 1.500 | 2.130 | 2.756 | 5.575 | I40 |

 Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | | I16 | I20 | I25 | I32 | I40 |
|--|--|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | Screw for grooving module Tightening torque | FS1051 (T8) 1.475 lbs | FS1056 (T10) 1.475 lbs | FS1052 (T15) 1.475 lbs | FS1057 (T20) 2.213 lbs | FS1054 (T20) 2.213 lbs |
| | Handle key | FS257 (T8) | FS1050 (T10) | FS1047 (T15) | FS1048 (T20) | FS1048 (T20) |

Boring bar – modular

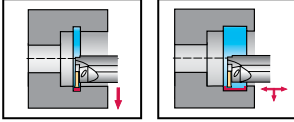
MSS...I...90-2.5 inch

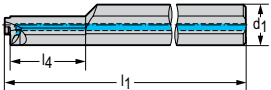
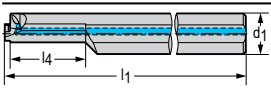
Walter Cut





A2

– Screw clamping



| Tool | Designation | d ₁ inch | l ₄ inch | l ₁ inch | Module size |
|--|-------------------|------------------------|------------------------|------------------------|-------------|
|  Cylindrical shank | MSS-I16R90-2.5D-E | 0.750 | 1.425 | 7.075 | I16 |
| | MSS-I20R90-2.5D-E | 1.000 | 1.819 | 7.862 | I20 |
| | MSS-I25R90-2.5D-E | 1.250 | 2.331 | 9.831 | I25 |
| | MSS-I32R90-2.5D-E | 1.500 | 2.917 | 11.795 | I32 |
| | MSS-I40R90-2.5D-E | 2.000 | 3.705 | 13.764 | I40 |
|  Cylindrical shank | MSS-I16L90-2.5D-E | 0.750 | 1.425 | 7.075 | I16 |
| | MSS-I20L90-2.5D-E | 1.000 | 1.819 | 7.862 | I20 |
| | MSS-I25L90-2.5D-E | 1.250 | 2.331 | 9.831 | I25 |
| | MSS-I32L90-2.5D-E | 1.500 | 2.917 | 11.795 | I32 |
| | MSS-I40L90-2.5D-E | 2.000 | 3.705 | 13.764 | I40 |

Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

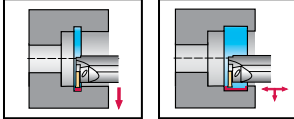
| Assembly parts | | I16 | I20 | I25 | I32 | I40 |
|---|--|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|  | Screw for grooving module Tightening torque | FS1051 (T8) 1.475 lbs | FS1056 (T10) 1.475 lbs | FS1052 (T15) 1.475 lbs | FS1057 (T20) 2.213 lbs | FS1054 (T20) 2.213 lbs |
|  | Handle key | FS257 (T8) | FS1050 (T10) | FS1047 (T15) | FS1048 (T20) | FS1048 (T20) |

Grooving module – Internal grooving

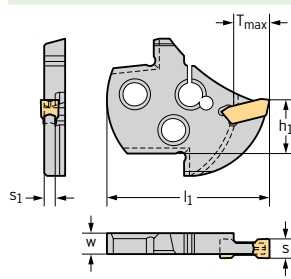
 MSS...I...

Walter Cut

– Screw clamping



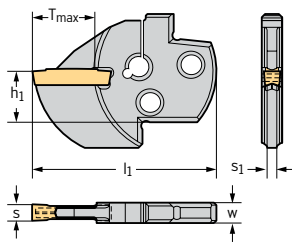
Tool



| Designation | s mm | s inch | T _{max} mm | D _{min} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type | | |
|-------------------|---------|---------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------|--|-------------|-------------|
| MSS-I32R03-GX16-2 | 0.6 - 3 | 0.024 - 0.118 | 3 | 40 | 12.3 | 5.9 | 38 | 2 | I32 | GX16-0E .. GX16-1E .. GX16-2E .. | | |
| MSS-I40R03-GX16-2 | | | 3 | 50 | 15.5 | 5.9 | 47 | 2 | I40 | | | |
| MSS-I16R02-GX09-1 | 2 | 0.079 | 2 | 20 | 6.3 | 3.8 | 19 | 1.3 | I16 | GX09-1E .. | | |
| MSS-I16R04-GX09-1 | | | 4 | 20 | 6.3 | 3.8 | 19 | 1.3 | I16 | | GX09-1E1 .. | |
| MSS-I20R02-GX09-1 | | | 2 | 25 | 7.6 | 3.8 | 23 | 1.3 | I20 | GX09-1E .. | | |
| MSS-I20R05-GX09-1 | | | 5 | 25 | 7.6 | 3.8 | 23 | 1.3 | I20 | | GX09-1E1 .. | |
| MSS-I25R02-GX09-1 | | | 2 | 32 | 9.8 | 3.8 | 30 | 1.3 | I25 | GX09-1E .. | | |
| MSS-I25R06-GX09-1 | | | 6 | 32 | 9.8 | 3.8 | 30 | 1.3 | I25 | | GX09-1E1 .. | |
| MSS-I32R09-GX16-1 | | | 9 | 40 | 12.3 | 5.9 | 38 | 1.3 | I32 | GX16-1E2 .. | | |
| MSS-I40R10-GX16-1 | | | | | | | | | | | 10 | 50 |
| MSS-I16R04-GX09-2 | | | 3 | 0.118 | 4 | 20 | 6.3 | 3.8 | 19 | 2 | I16 | GX09-2E3 .. |
| MSS-I20R05-GX09-2 | | | | | 5 | 25 | 7.6 | 3.8 | 23 | 2 | I20 | |
| MSS-I25R06-GX09-2 | 6 | 32 | | | 9.8 | 3.8 | 30 | 2 | I25 | | | |
| MSS-I32R09-GX16-2 | 9 | 40 | | | 12.3 | 5.9 | 38 | 2 | I32 | GX16-2E3 .. | | |
| MSS-I40R10-GX16-2 | 10 | 50 | | | 15.5 | 5.9 | 47 | 2 | I40 | | | |
| MSS-I32R09-GX16-3 | 4 - 5 | 0.157 - 0.197 | 9 | 40 | 12.3 | 5.9 | 38 | 3 | I32 | GX16-3E .. | | |
| MSS-I40R10-GX16-3 | | | 10 | 50 | 15.5 | 5.9 | 47 | 3 | I40 | | | |
| MSS-I32R09-GX16-4 | 6 | 0.236 | 9 | 40 | 12.3 | 5.9 | 38 | 4.2 | I32 | GX16-4E6 .. | | |
| MSS-I40R10-GX16-4 | | | 10 | 50 | 15.5 | 5.9 | 47 | 4.2 | I40 | | | |
| MSS-I32L03-GX16-2 | 0.6 - 3 | 0.024 - 0.118 | 3 | 40 | 12.3 | 5.9 | 38 | 2 | I32 | GX16-0E .. GX16-1E .. GX16-2E .. | | |
| MSS-I40L03-GX16-2 | | | 3 | 50 | 15.5 | 5.9 | 47 | 2 | I40 | | | |
| MSS-I16L02-GX09-1 | 2 | 0.079 | 2 | 20 | 6.3 | 3.8 | 19 | 1.3 | I16 | GX09-1E .. | | |
| MSS-I16L04-GX09-1 | | | 4 | 20 | 6.3 | 3.8 | 19 | 1.3 | I16 | | GX09-1E1 .. | |
| MSS-I20L02-GX09-1 | | | 2 | 25 | 7.6 | 3.8 | 23 | 1.3 | I20 | GX09-1E .. | | |
| MSS-I20L05-GX09-1 | | | 5 | 25 | 7.6 | 3.8 | 23 | 1.3 | I20 | | GX09-1E1 .. | |
| MSS-I25L02-GX09-1 | | | 2 | 32 | 9.8 | 3.8 | 30 | 1.3 | I25 | GX09-1E .. | | |
| MSS-I25L06-GX09-1 | | | 6 | 32 | 9.8 | 3.8 | 30 | 1.3 | I25 | | GX09-1E1 .. | |
| MSS-I32L09-GX16-1 | | | 9 | 40 | 12.3 | 5.9 | 38 | 1.3 | I32 | GX16-1E2 .. | | |
| MSS-I40L10-GX16-1 | | | | | | | | | | | 10 | 50 |
| MSS-I16L04-GX09-2 | | | 3 | 0.118 | 4 | 20 | 6.3 | 3.8 | 19 | 2 | I16 | GX09-2E3 .. |
| MSS-I20L05-GX09-2 | | | | | 5 | 25 | 7.6 | 3.8 | 23 | 2 | I20 | |
| MSS-I25L06-GX09-2 | 6 | 32 | | | 9.8 | 3.8 | 30 | 2 | I25 | | | |
| MSS-I32L09-GX16-2 | 9 | 40 | | | 12.3 | 5.9 | 38 | 2 | I32 | GX16-2E3 .. | | |
| MSS-I40L10-GX16-2 | 10 | 50 | | | 15.5 | 5.9 | 47 | 2 | I40 | | | |
| MSS-I32L09-GX16-3 | 4 - 5 | 0.157 - 0.197 | 9 | 40 | 12.3 | 5.9 | 38 | 3 | I32 | GX16-3E .. | | |
| MSS-I40L10-GX16-3 | | | 10 | 50 | 15.5 | 5.9 | 47 | 3 | I40 | | | |
| MSS-I32L09-GX16-4 | 6 | 0.236 | 9 | 40 | 12.3 | 5.9 | 38 | 4.2 | I32 | GX16-4E6 .. | | |
| MSS-I40L10-GX16-4 | | | 10 | 50 | 15.5 | 5.9 | 47 | 4.2 | I40 | | | |

 Refer to the Walter online catalog for more product information: www.walter-tools.com

Tool



| Designation | s mm | s inch | T _{max} mm | D _{min} mm | h ₁ mm | W mm | l ₁ mm | s ₁ mm | Module size | Type |
|-------------------|---------|------------------|------------------------|------------------------|----------------------|---------|----------------------|----------------------|----------------|--------------------------|
| MSS-I40N19-GX24-3 | 4 - 5 | 0.157 - 0.197 | 19 | 60 | 15.5 | 6.2 | 55 | 3 | I40 | GX24-3E .. GX24-3F .. |
| MSS-I40N19-GX24-4 | 6 | 0.236 | 19 | 60 | 15.5 | 6.2 | 55 | 4.2 | I40 | GX24-4E6 .. |

Refer to the Walter online catalog for more product information: www.walter-tools.com

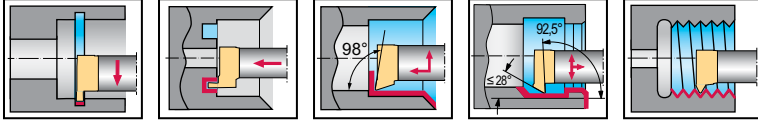
A2

Boring bar for exchangeable head

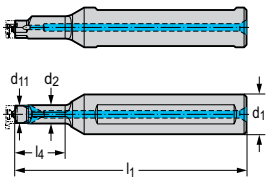
W3270-A



- Screw clamping
- A = Steel version with internal cooling



Tool



| Designation | d ₁₁ mm | d ₂ mm | d ₁ mm | l ₁ mm | l ₄ mm |
|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| ★ W3270-A12-21-WE05 | 5 | 6 | 12 | 76.3 | 17.3 |
| ★ W3270-A16-12-WE05 | 5 | 6 | 16 | 76.3 | 8.3 |
| ★ W3270-A16-16-WE07 | 7 | 9 | 16 | 93.1 | 12.1 |
| ★ W3270-A16-20-WE09 | 9 | 11 | 16 | 94.7 | 14.7 |
| ★ W3270-A16-24-WE07 | 7 | 9 | 16 | 93.1 | 20.1 |
| ★ W3270-A16-30-WE09 | 9 | 11 | 16 | 94.8 | 24.2 |

Parallel shank with clamping surface

Bodies and assembly parts are included in the scope of delivery

Assembly parts

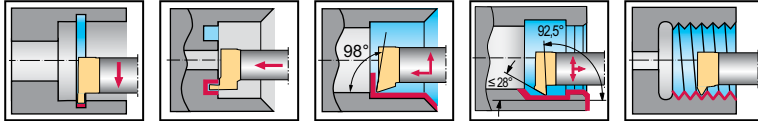
| | d ₁₁ [mm] | 5 | 7 | 9 |
|-------------------------------------|----------------------|-------------------------|-------------------------|--------------------------|
| Clamping screw Tightening torque | | FS2676 (T7IP) 0.8 Nm | FS2692 (T9IP) 2.1 Nm | FS2679 (T15IP) 4.5 Nm |
| Torx key | | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |

Boring bar for exchangeable head

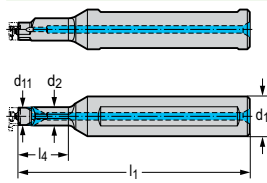
W3270-E 

A2

- Screw clamping
- E = Solid carbide version with internal cooling



Tool



Parallel shank with clamping surface

| Designation | d ₁₁ mm | d ₂ mm | d ₁ mm | l ₁ mm | l ₄ mm |
|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| ★ W3270-E12-20-WE09 | 9 | 11 | 12 | 75 | 14.8 |
| ★ W3270-E12-21-WE05 | 5 | 6 | 12 | 76.3 | 17.3 |
| ★ W3270-E12-24-WE07 | 7 | 9 | 12 | 88.1 | 20.1 |
| ★ W3270-E12-30-WE05 | 5 | 6 | 12 | 86.3 | 26.3 |
| ★ W3270-E12-32-WE07 | 7 | 9 | 12 | 96.1 | 28.1 |
| ★ W3270-E12-34-WE09 | 9 | 11 | 12 | 94.8 | 28.8 |
| ★ W3270-E12-42-WE05 | 5 | 6 | 12 | 96.3 | 38.3 |
| ★ W3270-E12-45-WE09 | 9 | 11 | 12 | 104.8 | 39.8 |
| ★ W3270-E12-48-WE07 | 7 | 9 | 12 | 111.1 | 44.1 |
| ★ W3270-E12-64-WE07 | 7 | 9 | 12 | 126.1 | 60.1 |
| ★ W3270-E12-64-WE09 | 9 | 11 | 12 | 124.8 | 58.8 |
| ★ W3270-E16-34-WE09 | 9 | 11 | 16 | 94.8 | 28.8 |
| ★ W3270-E16-45-WE09 | 9 | 11 | 16 | 104.8 | 39.8 |
| ★ W3270-E16-64-WE09 | 9 | 11 | 16 | 124.8 | 58.8 |

Bodies and assembly parts are included in the scope of delivery

Assembly parts

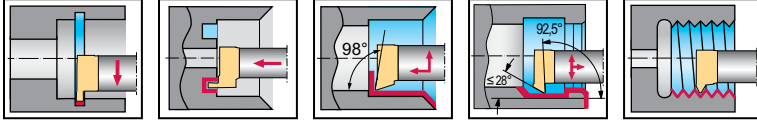
| | d ₁₁ [mm] | 5 | 7 | 9 |
|---|----------------------|-------------------------|-------------------------|--------------------------|
| Clamping screw Tightening torque | | FS2676 (T7IP) 0.8 Nm | FS2692 (T9IP) 2.1 Nm | FS2679 (T15IP) 4.5 Nm |
| Torx key | | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |

Boring bar for exchangeable head

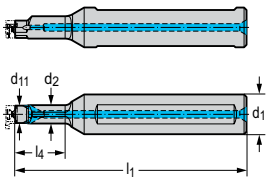
W3270-A inch



- Screw clamping
- A = Steel version with internal cooling



Tool



| Designation | d ₁₁ inch | d ₂ inch | d ₁ inch | l ₁ inch | l ₄ inch |
|-----------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ★ W3270.A0500-21-WE05 | 0.197 | 0.236 | 0.500 | 3.004 | 0.681 |
| ★ W3270.A0625-12-WE05 | 0.197 | 0.236 | 0.625 | 3.004 | 0.327 |
| ★ W3270.A0625-16-WE07 | 0.276 | 0.354 | 0.625 | 3.665 | 0.476 |
| ★ W3270.A0625-20-WE09 | 0.354 | 0.433 | 0.625 | 3.732 | 0.583 |
| ★ W3270.A0625-24-WE07 | 0.276 | 0.354 | 0.625 | 3.98 | 0.791 |
| ★ W3270.A0625-30-WE09 | 0.354 | 0.433 | 0.625 | 3.732 | 0.976 |

Parallel shank with clamping surface

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | d ₁₁ [inch] | 0.197 | 0.276 | 0.354 |
|-------------------------------------|------------------------|---------------------------|----------------------------|-----------------------------|
| Clamping screw Tightening torque | | FS2676 (T7IP) 5 ft lbs | FS2692 (T9IP) 14 ft lbs | FS2679 (T15IP) 29 ft lbs |
| Torx key | | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |

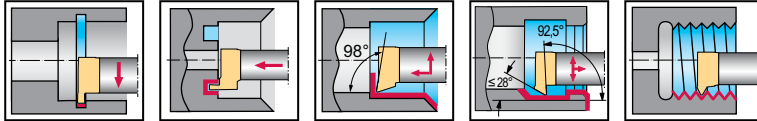
Boring bar for exchangeable head

W3270-E inch

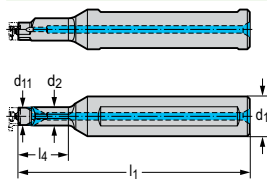
- Screw clamping
- E = Solid carbide version with internal cooling



A2



Tool



Parallel shank with clamping surface

| Designation | d ₁₁ inch | d ₂ inch | d ₁ inch | l ₁ inch | l ₄ inch |
|-----------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ★ W3270.E0500-20-WE09 | 0.354 | 0.433 | 0.500 | 2.953 | 0.583 |
| ★ W3270.E0500-21-WE05 | 0.197 | 0.236 | 0.500 | 3.004 | 0.681 |
| ★ W3270.E0500-22-WE07 | 0.276 | 0.354 | 0.500 | 3.390 | 0.713 |
| ★ W3270.E0500-30-WE05 | 0.197 | 0.236 | 0.500 | 3.398 | 1.035 |
| ★ W3270.E0500-32-WE07 | 0.276 | 0.354 | 0.500 | 3.783 | 1.106 |
| ★ W3270.E0500-34-WE09 | 0.354 | 0.433 | 0.500 | 3.732 | 1.134 |
| ★ W3270.E0500-42-WE05 | 0.197 | 0.236 | 0.500 | 3.791 | 1.508 |
| ★ W3270.E0500-45-WE09 | 0.354 | 0.433 | 0.500 | 4.126 | 1.543 |
| ★ W3270.E0500-48-WE07 | 0.276 | 0.354 | 0.500 | 4.374 | 1.736 |
| ★ W3270.E0500-64-WE07 | 0.276 | 0.354 | 0.500 | 4.965 | 2.366 |
| ★ W3270.E0500-64-WE09 | 0.354 | 0.433 | 0.500 | 4.913 | 2.315 |
| ★ W3270.E0625-45-WE09 | 0.354 | 0.433 | 0.625 | 4.331 | 1.567 |
| ★ W3270.E0625-64-WE09 | 0.354 | 0.433 | 0.625 | 4.913 | 2.315 |

Bodies and assembly parts are included in the scope of delivery

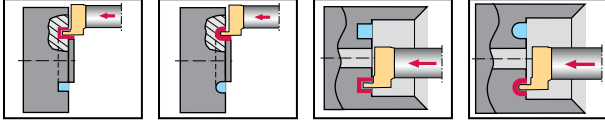
Assembly parts

| | d ₁₁ [inch] | 0.197 | 0.276 | 0.354 |
|-------------------------------------|------------------------|---------------------------|----------------------------|-----------------------------|
| Clamping screw Tightening torque | | FS2676 (T7IP) 5 ft lbs | FS2692 (T9IP) 14 ft lbs | FS2679 (T15IP) 29 ft lbs |
| Torx key | | FS1490 (T7IP) | FS1466 (T9IP) | FS1465 (T15IP) |

Boring bar for exchangeable head – Axial grooving

W3271-E mm


- Screw clamping
- E = Solid carbide version with internal cooling



Tool

| | | d_{11} mm | d_2 mm | d_1 mm | l_1 mm | l_4 mm |
|--------------------------------------|----------------------|----------------|-------------|-------------|-------------|-------------|
| | Designation | | | | | |
| | ★ W3271-E16R-42-WE09 | 9 | 13 | 16 | 94.7 | 37 |
| Parallel shank with clamping surface | | | | | | |
| | Designation | | | | | |
| | ★ W3271-E16L-42-WE09 | 9 | 13 | 16 | 94.7 | 37 |
| Parallel shank with clamping surface | | | | | | |

Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | d_{11} [mm] | |
|--|-------------------------------------|-------------------------------|
| | Clamping screw Tightening torque | 9 FS2679 (T15IP) 4.5 Nm |
| | Torx key | FS1465 (T15IP) |

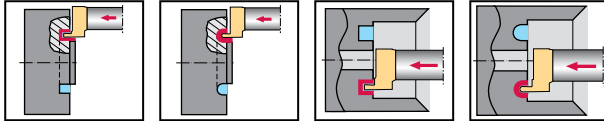
Boring bar for exchangeable head – Axial grooving

W3271-E inch



A2

- Screw clamping
- E = Solid carbide version with internal cooling



| Tool | | d ₁₁ inch | d ₂ inch | d ₁ inch | l ₁ inch | l ₄ inch |
|---|-------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| <p>Parallel shank with clamping surface</p> | <p>★ W3271.E0625R-42-WE09</p> | 0.354 | 0.433 | 0.625 | 3.728 | 1.445 |
| <p>Parallel shank with clamping surface</p> | <p>★ W3271.E0625L-42-WE09</p> | 0.354 | 0.433 | 0.625 | 3.728 | 1.445 |

Bodies and assembly parts are included in the scope of delivery

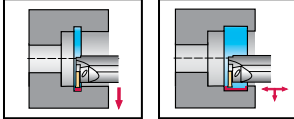
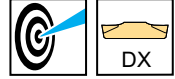
| Assembly parts | | d ₁₁ [inch] | 0.354 |
|----------------|-------------------------------------|------------------------|-----------------------------|
| | Clamping screw Tightening torque | | FS2679 (T15IP) 29 ft lbs |
| | Torx key | | FS1465 (T15IP) |

Exchangeable head – Internal grooving

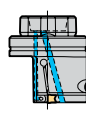
G4221-Q...-P mm

Walter Cut

- QuadFit
- For Accure-tec boring bars



Tool



QuadFit

| Designation | s mm | s inch | T _{max} mm | d ₁ | D _{min} mm | f mm | l ₄ mm | l ₂₁ mm | s ₁ mm | Type |
|-----------------------|---------|-----------|------------------------|----------------|------------------------|---------|----------------------|-----------------------|----------------------|----------------------------|
| G4221-Q32R-3T12DX18-P | 3 | 0.118 | 12 | Q32 | 50 | 29.7 | 22.4 | 30.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4221-Q40R-3T12DX18-P | | | 12 | Q40 | 55 | 33.7 | 22.4 | 30.5 | 2.4 | |
| G4221-Q50R-3T12DX18-P | | | 12 | Q50 | 80 | 38.7 | 22.3 | 30.5 | 2.4 | |
| G4221-Q32R-4T12DX18-P | 4 | 0.157 | 12 | Q32 | 50 | 29.7 | 22.4 | 30 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| G4221-Q40R-4T12DX18-P | | | 12 | Q40 | 55 | 33.7 | 22.4 | 30 | 3.4 | |
| G4221-Q50R-4T12DX18-P | | | 21 | Q50 | 80 | 47.7 | 22.3 | 30 | 3.4 | |
| G4221-Q32L-3T12DX18-P | 3 | 0.118 | 12 | Q32 | 50 | 29.7 | 22.4 | 30.5 | 2.4 | DX18-3E3 .. DX18-3F3 .. |
| G4221-Q40L-3T12DX18-P | | | 12 | Q40 | 55 | 33.7 | 22.4 | 30.5 | 2.4 | |
| G4221-Q50L-3T12DX18-P | | | 12 | Q50 | 80 | 38.7 | 22.3 | 30.5 | 2.4 | |
| G4221-Q32L-4T12DX18-P | 4 | 0.157 | 12 | Q32 | 50 | 29.7 | 22.4 | 30 | 3.4 | DX18-4E4 .. DX18-4F4 .. |
| G4221-Q40L-4T12DX18-P | | | 12 | Q40 | 55 | 33.7 | 22.4 | 30 | 3.4 | |
| G4221-Q50L-4T12DX18-P | | | 21 | Q50 | 80 | 47.7 | 22.3 | 30 | 3.4 | |

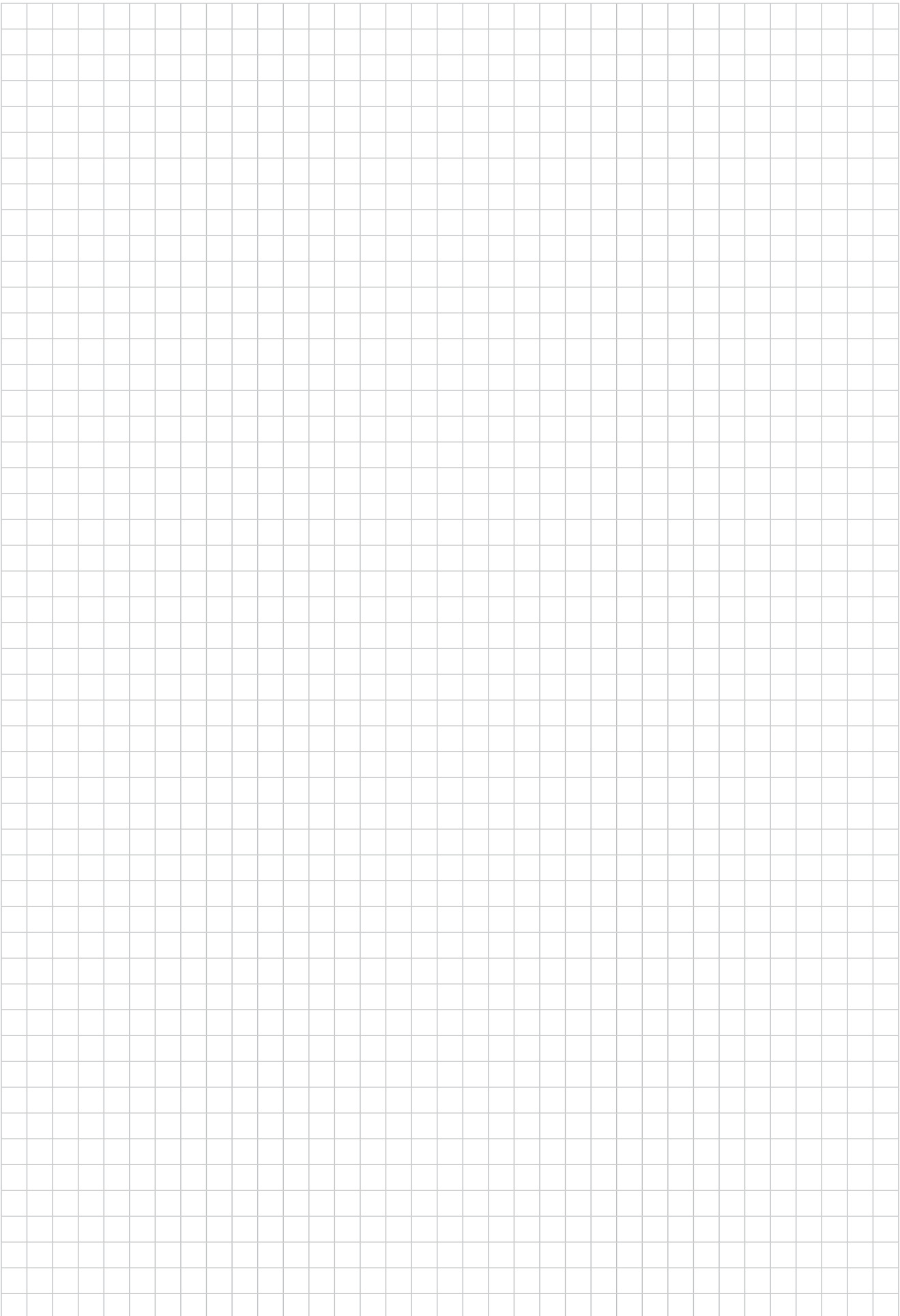
Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | D _{min} [mm] | 50–80 |
|--|---|------------------------|
| | Clamping screw for grooving insert Tightening torque | FS2614 (T20IP) 5 Nm |
| | Threaded plug | M03X006 ISO 4026 |
| | Allen key | FS1464 (T20IP) |

Accessories

| | D _{min} [mm] | 50–80 |
|--|-----------------------------|----------------|
| | Torque screwdriver, digital | FS2248 |
| | Interchangeable blade | FS2015 (T20IP) |
| | Torque screwdriver, analog | FS2003 |



A3

Indexable inserts

| Machining | External machining | | | | |
|--|---------------------|---------------------|------------------------------------|--------------------------------|---------------------------------|
| | NEW | NEW | NEW | NEW | NEW |
| Indexable inserts | | | | | |
| Thread type | 55° partial profile | 60° partial profile | full profile, ACME / STUB ACME 29° | full profile, American NPT 60° | full profile, American NPTF 60° |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | | | | | |
| H Hard materials | | | | | |
| O Other | ● | ● | ● | ● | ● |
| Pitch P [mm] | 0.5–3.0 | 0.5–5.0 | | | |
| Pitch in threads per inch [TPI] | 14.0–16.0 | 5.0–16.0 | 5.0–16.0 | 8.0–27.0 | 11.5–18.0 |
| Page in catalog | A 580 | A 580 | A 582 | A 582 | A 582 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | TS | TS | TS | TS | TS |

| Machining | External machining | | | | |
|--|-------------------------------|--------------------------------|------------------------|-----------------------|------------------------------|
| | NEW | NEW | NEW | NEW | NEW |
| Indexable inserts | | | | | |
| Thread type | full profile, American UN 60° | full profile, American UNJ 60° | full profile, BSPT 55° | full profile, BUT 45° | full profile, ISO metric 60° |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | | | | | |
| H Hard materials | | | | | |
| O Other | ● | ● | ● | ● | ● |
| Pitch P [mm] | | | | | 0.5–5.0 |
| Pitch in threads per inch [TPI] | 6.0–40.0 | 8.0–32.0 | 11.0–19.0 | 12.0 | |
| Page in catalog | A 582 | A 582 | A 582 | A 582 | A 582 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | TS | TS | TS | TS | TS |

WALTER SELECT

●● Primary application ● Other application

Indexable inserts

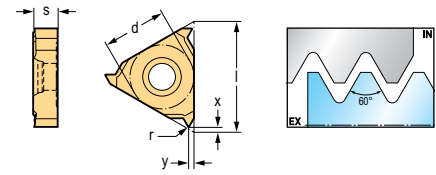
| Machining | External machining | | | Internal machining | |
|---|----------------------|----------------------|-----------------------------|---------------------|---------------------|
| | | | | | |
| Indexable inserts | | | | | |
| Thread type | full profile, RD 30° | full profile, TR 30° | full profile, Whitworth 55° | 55° partial profile | 60° partial profile |
| P Steel | ●● | ●● | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● | ● | ● |
| N NF metals | ● | ● | ● | ● | ● |
| S Materials with difficult cutting properties | | | | | |
| H Hard materials | | | | | |
| O Other | ● | ● | ● | ● | ● |
| Pitch P [mm] | | 2.0–5.0 | | 0.5–1.5 | 0.5–5.0 |
| Pitch in threads per inch [TPI] | 6.0–8.0 | | 7.0–28.0 | 16.0–48.0 | 5.0–48.0 |
| Page in catalog | A 582 | A 582 | A 582 | A 581 | A 581 |
| QR code | | | | | |
| www.walter-tools.com/woc/ | TS | TS | TS | NTS | NTS |

| Machining | Internal machining | | |
|---|-------------------------------|------------------------------|-------------------------|
| | | | |
| Indexable inserts | | | |
| Thread type | full profile, American UN 60° | full profile, ISO metric 60° | full profile, Whitworth |
| P Steel | ●● | ●● | ●● |
| M Stainless steel | ●● | ●● | ●● |
| K Cast iron | ● | ● | ● |
| N NF metals | ● | ● | ● |
| S Materials with difficult cutting properties | | | |
| H Hard materials | | | |
| O Other | ● | ● | ● |
| Pitch P [mm] | | 0.5–5.0 | |
| Pitch in threads per inch [TPI] | 8.0–64.0 | 5.08–50.8 | 8.0–48.0 |
| Page in catalog | A 592 | | |
| QR code | | | |
| www.walter-tools.com/woc/ | NTS | NTS | NTS |

External thread turning inserts – 60° partial profile

TS

Tiger-tec® Gold



A3

Indexable inserts

| Designation | Pitch (P) mm | Pitch (P) tpi | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | |
|---|-----------------|------------------|---|---------|---------|---------|------------------------|---------|---------|----|---------|----|---------|----|---------|
| | | | | | | | | | | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| TS16-ER-A60 TS16-ER-AG60 TS16-ER-G60 TS22-ER-N60 | 0.5-1.5 | 16-48 | 1 | 0.003 | 0.630 | 0.375 | 0.049 | 0.024 | 0.032 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 0.5-3 | 8-48 | 1 | 0.003 | 0.630 | 0.375 | 0.095 | 0.043 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 1.75-3 | 8-14 | 1 | 0.007 | 0.630 | 0.375 | 0.091 | 0.043 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 3.5-5 | 5-7 | 1 | 0.016 | 0.866 | 0.500 | 0.137 | 0.071 | 0.098 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| TS16-EL-A60 TS16-EL-AG60 TS16-EL-G60 TS22-EL-N60 | 0.5-1.5 | 16-48 | 1 | 0.003 | 0.630 | 0.375 | 0.049 | 0.024 | 0.032 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 0.5-3 | 8-48 | 1 | 0.003 | 0.630 | 0.375 | 0.095 | 0.043 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 1.75-3 | 14-8 | 1 | 0.007 | 0.630 | 0.375 | 0.091 | 0.043 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 3.5-5 | 7-5 | 1 | 0.016 | 0.866 | 0.500 | 0.137 | 0.071 | 0.098 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| TS16-ER-A60-F5 TS16-ER-AG60-F5 TS16-ER-G60-F5 | 0.5-1.5 | 16-48 | 1 | 0.003 | 0.630 | 0.375 | 0.050 | 0.024 | 0.032 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 0.5-3 | 8-48 | 1 | 0.003 | 0.630 | 0.375 | 0.098 | 0.043 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 1.75-3 | 8-14 | 1 | 0.007 | 0.630 | 0.375 | 0.095 | 0.047 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| TS16-ER-A60-M5 TS16-ER-AG60-M5 | 0.5-1.5 | 16-48 | 1 | 0.003 | 0.630 | 0.375 | 0.050 | 0.024 | 0.032 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |
| | 1.75-3 | 8-48 | 1 | 0.003 | 0.630 | 0.375 | 0.098 | 0.043 | 0.059 | HC | WMP 22G | HC | WMP 22G | HC | WMP 22G |

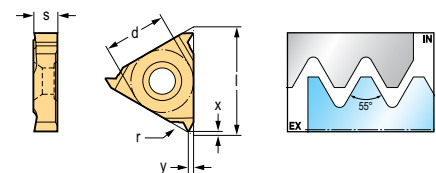
Dimensional drawing shows right-hand version.

HC = Coated carbide

External thread turning inserts – 55° partial profile

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (P) mm | Pitch (P) tpi | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | |
|--|-----------------|------------------|---|---------|---------|---------|------------------------|---------|---------|----|---------|----|---------|----|---------|
| | | | | | | | | | | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |
| TS16-ER-A55 TS16-ER-AG55 TS16-ER-G55 | 0.5-1.5 | 16-48 | 1 | 0.003 | 0.630 | 0.375 | 0.056 | 0.024 | 0.032 | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |
| | 0.5-3 | 8-48 | 1 | 0.003 | 0.630 | 0.375 | 0.097 | 0.043 | 0.059 | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |
| | 1.75-3 | 8-14 | 1 | 0.008 | 0.630 | 0.375 | 0.091 | 0.043 | 0.059 | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |
| TS16-EL-A55 | 0.5-1.5 | 16-48 | 1 | 0.003 | 0.630 | 0.375 | 0.056 | 0.024 | 0.032 | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |
| TS16-ER-AG55-F5 TS16-ER-G55-F5 | 0.5-3 | 8-48 | 1 | 0.003 | 0.630 | 0.375 | 0.097 | 0.043 | 0.059 | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |
| | 1.75-3 | 8-14 | 1 | 0.008 | 0.630 | 0.375 | 0.091 | 0.047 | 0.059 | HC | WMP 32G | HC | WMP 32G | HC | WMP 32G |

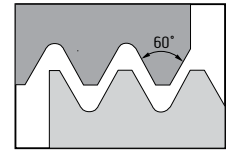
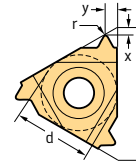
Dimensional drawing shows right-hand version.

HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Internal thread turning inserts – 60° partial profile NTS



A3

Indexable inserts

| Designation | Pitch (P) mm | Pitch (P) tpi | l in | d in | r in | X in | Y in | P | | M | |
|----------------|-----------------|------------------|---------|---------|---------|---------|---------|-------|-------|-------|-------|
| | | | | | | | | HC | | HC | |
| | | | | | | | | WXM20 | WXP20 | WMP32 | WXM20 |
| NTS-IL-11 A60 | 0.5-1.5 | 48-16 | 0.433 | 0.250 | 0.002 | 0.032 | 0.035 | ☺ | ☺ | ☺ | ☺ |
| NTS-IL-16 AG60 | 0.5-3 | 48-8 | 0.630 | 0.375 | 0.002 | 0.047 | 0.067 | ☺ | ☺ | ☺ | ☺ |
| NTS-IL-16 G60 | 1.75-3 | 14-8 | 0.630 | 0.375 | 0.006 | 0.047 | 0.067 | ☺ | ☺ | ☺ | ☺ |
| NTS-IR-11 A60 | 0.5-1.5 | 48-16 | 0.433 | 0.250 | 0.002 | 0.032 | 0.035 | ☺ | ☺ | ☺ | ☺ |
| NTS-IR-16 AG60 | 0.5-3 | 48-8 | 0.630 | 0.375 | 0.002 | 0.047 | 0.067 | ☺ | ☺ | ☺ | ☺ |
| NTS-IR-16 G60 | 1.75-3 | 14-8 | 0.630 | 0.375 | 0.006 | 0.047 | 0.067 | ☺ | ☺ | ☺ | ☺ |
| NTS-IR-22 N60 | 3.5-5 | 7-5 | 0.866 | 0.500 | 0.021 | 0.067 | 0.098 | ☺ | ☺ | ☺ | ☺ |
| NTS-IL-11 A55 | 0.5-1.5 | 48-16 | 0.433 | 0.250 | 0.002 | 0.032 | 0.035 | ☺ | ☺ | ☺ | ☺ |
| NTS-IR-11 A55 | 0.5-1.5 | 48-16 | 0.433 | 0.250 | 0.002 | 0.032 | 0.035 | ☺ | ☺ | ☺ | ☺ |

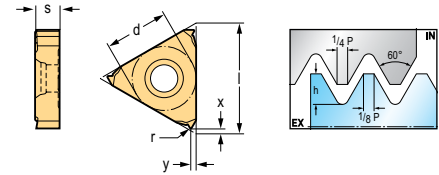
Ordering example for the grade WMP32: NTS-IL-11 A60 WMP32

HC = Coated carbide

External thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (P) mm | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | | |
|------------------|-------------------|------|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | | HC | | HC | | |
| | TS16-ER0,5ISO | 0.5 | 1 | 0.002 | 0.6300 | 0.375 | 0.012 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER0,70ISO | 0.7 | 1 | 0.004 | 0.6300 | 0.375 | 0.017 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER0,75ISO | 0.75 | 1 | 0.004 | 0.6300 | 0.375 | 0.018 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER0,8ISO | 0.8 | 1 | 0.004 | 0.6300 | 0.375 | 0.019 | 0.031 | 0.024 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,0ISO | 1 | 1 | 0.006 | 0.6300 | 0.375 | 0.024 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,25ISO | 1.25 | 1 | 0.007 | 0.6300 | 0.375 | 0.030 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,5ISO | 1.5 | 1 | 0.009 | 0.6300 | 0.375 | 0.035 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,75ISO | 1.75 | 1 | 0.010 | 0.6300 | 0.375 | 0.042 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER2,0ISO | 2 | 1 | 0.011 | 0.6300 | 0.375 | 0.048 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER2,5ISO | 2.5 | 1 | 0.013 | 0.6300 | 0.375 | 0.061 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER3,0ISO | 3 | 1 | 0.017 | 0.6300 | 0.375 | 0.072 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-ER3,5ISO | 3.5 | 1 | 0.019 | 0.866 | 0.500 | 0.084 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-ER4,0ISO | 4 | 1 | 0.021 | 0.866 | 0.500 | 0.098 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-ER4,5ISO | 4.5 | 1 | 0.023 | 0.866 | 0.500 | 0.111 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| TS22-ER5,0ISO | 5 | 1 | 0.026 | 0.866 | 0.500 | 0.123 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G | |
| | TS16-EL0,5ISO | 0.5 | 1 | 0.002 | 0.6300 | 0.375 | 0.012 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL0,75ISO | 0.75 | 1 | 0.004 | 0.6300 | 0.375 | 0.018 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL0,8ISO | 0.8 | 1 | 0.004 | 0.6300 | 0.375 | 0.019 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL1,0ISO | 1 | 1 | 0.005 | 0.6300 | 0.375 | 0.024 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL1,25ISO | 1.25 | 1 | 0.006 | 0.6300 | 0.375 | 0.030 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL1,5ISO | 1.5 | 1 | 0.009 | 0.6300 | 0.375 | 0.035 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL1,75ISO | 1.75 | 1 | 0.009 | 0.6300 | 0.375 | 0.042 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL2,0ISO | 2 | 1 | 0.011 | 0.6300 | 0.375 | 0.048 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL2,5ISO | 2.5 | 1 | 0.012 | 0.6300 | 0.375 | 0.061 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-EL3,0ISO | 3 | 1 | 0.017 | 0.6300 | 0.375 | 0.072 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-EL3,5ISO | 3.5 | 1 | 0.019 | 0.866 | 0.500 | 0.084 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-EL4,0ISO | 4 | 1 | 0.021 | 0.866 | 0.500 | 0.098 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-EL4,5ISO | 4.5 | 1 | 0.023 | 0.866 | 0.500 | 0.111 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS22-EL5,0ISO | 5 | 1 | 0.026 | 0.866 | 0.500 | 0.123 | 0.071 | 0.098 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,0ISO-F5 | 1 | 1 | 0.006 | 0.6300 | 0.375 | 0.024 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,25ISO-F5 | 1.25 | 1 | 0.007 | 0.6300 | 0.375 | 0.030 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,5ISO-F5 | 1.5 | 1 | | 0.6300 | 0.375 | 0.035 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,75ISO-F5 | 1.75 | 1 | 0.010 | 0.6300 | 0.375 | 0.042 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER2,0ISO-F5 | 2 | 1 | 0.011 | 0.6300 | 0.375 | 0.048 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER2,5ISO-F5 | 2.5 | 1 | 0.013 | 0.6300 | 0.375 | 0.061 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| TS16-ER3,0ISO-F5 | 3 | 1 | 0.017 | 0.6300 | 0.375 | 0.072 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G | |
| | TS16-ER1,0ISO-M5 | 1 | 1 | 0.006 | 0.6300 | 0.375 | 0.024 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,25ISO-M5 | 1.25 | 1 | 0.007 | 0.6300 | 0.375 | 0.030 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,5ISO-M5 | 1.5 | 1 | 0.009 | 0.6300 | 0.375 | 0.035 | 0.031 | 0.031 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER1,75ISO-M5 | 2 | 1 | 0.010 | 0.6300 | 0.375 | 0.042 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER2,0ISO-M5 | 2 | 1 | 0.011 | 0.6300 | 0.375 | 0.048 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| | TS16-ER2,5ISO-M5 | 2.5 | 1 | 0.013 | 0.6300 | 0.375 | 0.061 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G |
| TS16-ER3,0ISO-M5 | 3 | 1 | 0.017 | 0.6300 | 0.375 | 0.072 | 0.047 | 0.059 | WMP22G | WMP32G | WMP22G | WMP32G | WMP22G | WMP32G | |

Dimensional drawing shows right-hand version.

HC = Coated carbide

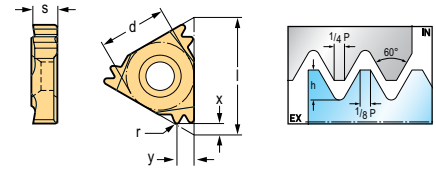
WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions


External thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (P) mm | Z | r in | l in | d in | h _{min} in | X in | Y in | P | M | S |
|---|-----------------|---|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
|  TS16-ER1,0ISO-3 | 1 | 3 | 0.006 | 0.6300 | 0.375 | 0.024 | 0.059 | 0.094 | WMP32G | WMP32G | WMP32G |
| TS16-ER1,5ISO-2 | 1.5 | 2 | 0.009 | 0.6300 | 0.375 | 0.035 | 0.059 | 0.087 | WMP32G | WMP32G | WMP32G |
| TS22-ER1,5ISO-3 | 1.5 | 3 | 0.009 | 0.866 | 0.500 | 0.035 | 0.091 | 0.142 | WMP32G | WMP32G | WMP32G |
| TS16-ER2,0ISO-2 | 2 | 2 | 0.011 | 0.6300 | 0.375 | 0.048 | 0.063 | 0.094 | WMP32G | WMP32G | WMP32G |
| TS22-ER2,0ISO-2 | 2 | 2 | 0.011 | 0.866 | 0.500 | 0.047 | 0.079 | 0.114 | WMP32G | WMP32G | WMP32G |

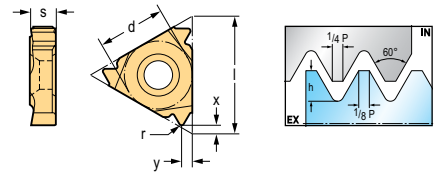
Dimensional drawing shows right-hand version.

HC = Coated carbide


External thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | M | S |
|--|-------------|---|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
|  TS22-ER6UN | 6 | 1 | 0.020 | 0.866 | 0.500 | 0.104 | 0.079 | 0.098 | WMP22G | WMP32G | WMP32G |
| TS22-ER7UN | 7 | 1 | 0.019 | 0.866 | 0.500 | 0.088 | 0.071 | 0.098 | WMP22G | WMP32G | WMP32G |
| TS16-ER8UN | 8 | 1 | 0.015 | 0.6300 | 0.375 | 0.08 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER9UN | 9 | 1 | 0.013 | 0.6300 | 0.375 | 0.07 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER10UN | 10 | 1 | 0.013 | 0.6300 | 0.375 | 0.061 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER11UN | 11 | 1 | 0.011 | 0.6300 | 0.375 | 0.058 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER12UN | 12 | 1 | 0.010 | 0.6300 | 0.375 | 0.052 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER13UN | 13 | 1 | 0.009 | 0.6300 | 0.375 | 0.049 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER14UN | 14 | 1 | 0.009 | 0.6300 | 0.375 | 0.046 | 0.047 | 0.059 | WMP22G | WMP32G | WMP32G |
| TS16-ER16UN | 16 | 1 | 0.009 | 0.6300 | 0.375 | 0.038 | 0.047 | 0.031 | WMP22G | WMP32G | WMP32G |
| TS16-ER18UN | 18 | 1 | 0.007 | 0.6300 | 0.375 | 0.034 | 0.047 | 0.031 | WMP22G | WMP32G | WMP32G |
| TS16-ER20UN | 20 | 1 | 0.006 | 0.6300 | 0.375 | 0.030 | 0.031 | 0.031 | WMP22G | WMP32G | WMP32G |
| TS16-ER24UN | 24 | 1 | 0.005 | 0.6300 | 0.375 | 0.026 | 0.031 | 0.031 | WMP22G | WMP32G | WMP32G |
| TS16-ER28UN | 28 | 1 | 0.004 | 0.6300 | 0.375 | 0.022 | 0.031 | 0.031 | WMP22G | WMP32G | WMP32G |
| TS16-ER32UN | 32 | 1 | 0.004 | 0.6300 | 0.375 | 0.020 | 0.031 | 0.031 | WMP22G | WMP32G | WMP32G |
| TS16-ER40UN | 40 | 1 | 0.003 | 0.6300 | 0.375 | 0.015 | 0.047 | 0.02 | WMP22G | WMP32G | WMP32G |

Dimensional drawing shows right-hand version.

HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

🌟 🌟 🌟 / * = New addition to the product range

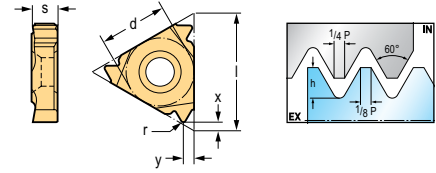
Indexable inserts A 583

A3

External thread turning inserts – full profile, American UN 60°



TS

Tiger-tec® Gold



A3

Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | | |
|---|----------------|----|---------|---------|---------|------------------------|---------|---------|-------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | WMP22G | HC | WMP32G | HC | WMP22G | HC |
|  | TS22-EL06UN | 6 | 1 | 0.020 | 0.866 | 0.500 | 0.104 | 0.079 | 0.098 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS22-EL07UN | 7 | 1 | 0.019 | 0.866 | 0.500 | 0.088 | 0.071 | 0.098 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL08UN | 8 | 1 | 0.015 | 0.6300 | 0.375 | 0.08 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL10UN | 10 | 1 | 0.012 | 0.6300 | 0.375 | 0.063 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL11UN | 11 | 1 | 0.011 | 0.6300 | 0.375 | 0.058 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL12UN | 12 | 1 | 0.010 | 0.6300 | 0.375 | 0.052 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL14UN | 14 | 1 | 0.009 | 0.6300 | 0.375 | 0.046 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL16UN | 16 | 1 | 0.009 | 0.6300 | 0.375 | 0.038 | 0.047 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL18UN | 18 | 1 | 0.007 | 0.6300 | 0.375 | 0.034 | 0.047 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL20UN | 20 | 1 | 0.006 | 0.6300 | 0.375 | 0.030 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL24UN | 24 | 1 | 0.005 | 0.6300 | 0.375 | 0.026 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-EL28UN | 28 | 1 | 0.004 | 0.6300 | 0.375 | 0.022 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| TS16-EL32UN | 32 | 1 | 0.004 | 0.6300 | 0.375 | 0.020 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G | |
|  | TS16-ER08UN-F5 | 8 | 1 | 0.017 | 0.6300 | 0.375 | 0.076 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-ER12UN-F5 | 12 | 1 | 0.011 | 0.6300 | 0.375 | 0.051 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-ER14UN-F5 | 14 | 1 | 0.009 | 0.6300 | 0.375 | 0.044 | 0.047 | 0.059 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-ER16UN-F5 | 16 | 1 | 0.009 | 0.6300 | 0.375 | 0.038 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| | TS16-ER18UN-F5 | 18 | 1 | 0.007 | 0.6300 | 0.375 | 0.034 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G |
| TS16-ER20UN-F5 | 20 | 1 | 0.006 | 0.6300 | 0.375 | 0.03 | 0.031 | 0.031 | HC | WMP22G | HC | WMP32G | HC | WMP32G | |

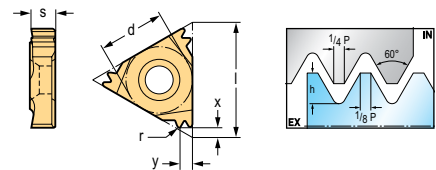
Dimensional drawing shows right-hand version.

HC = Coated carbide


External thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | | |
|---|---------------|----|---------|---------|---------|------------------------|---------|---------|-------|--------|--------|--------|--------|--------|--------|
| | | | | | | | | | HC | WMP32G | HC | WMP32G | HC | WMP32G | |
|  | TS22-ER12UN-2 | 12 | 2 | 0.010 | 0.866 | 0.500 | 0.052 | 0.079 | 0.122 | HC | WMP32G | HC | WMP32G | HC | WMP32G |
| | TS16-ER16UN-2 | 16 | 2 | 0.008 | 0.630 | 0.375 | 0.038 | 0.055 | 0.075 | HC | WMP32G | HC | WMP32G | HC | WMP32G |
| | TS22-ER16UN-3 | 16 | 3 | 0.008 | 0.866 | 0.500 | 0.038 | 0.098 | 0.157 | HC | WMP32G | HC | WMP32G | HC | WMP32G |

Dimensional drawing shows right-hand version.

HC = Coated carbide

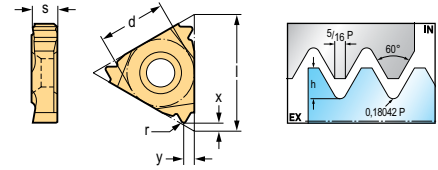
WALTER SELECT

Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions


External thread turning inserts – full profile, American UNJ 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | X in | Y in | P | | M | | S | |
|--|-------------|---|---------|---------|---------|---------|---------|----|--------|----|--------|----|--------|
| | | | | | | | | HC | WMP22G | HC | WMP32G | HC | WMP22G |
|  TS16-ER08UNJ | 8 | 1 | 0.020 | 0.630 | 0.375 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER10UNJ | 10 | 1 | 0.016 | 0.630 | 0.375 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER12UNJ | 12 | 1 | 0.013 | 0.630 | 0.375 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER14UNJ | 14 | 1 | 0.012 | 0.630 | 0.375 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER16UNJ | 16 | 1 | 0.010 | 0.630 | 0.375 | 0.047 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER18UNJ | 18 | 1 | 0.009 | 0.630 | 0.375 | 0.047 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER20UNJ | 20 | 1 | 0.008 | 0.630 | 0.375 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER24UNJ | 24 | 1 | 0.007 | 0.630 | 0.375 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER28UNJ | 28 | 1 | 0.006 | 0.630 | 0.375 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER32UNJ | 32 | 1 | 0.005 | 0.630 | 0.375 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |

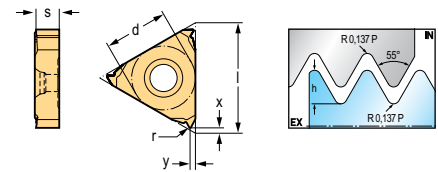
Dimensional drawing shows right-hand version.

HC = Coated carbide


External thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | |
|--|-------------|---|---------|---------|---------|------------------------|---------|---------|----|--------|----|--------|----|--------|
| | | | | | | | | | HC | WMP22G | HC | WMP32G | HC | WMP22G |
|  TS22-ER07W | 7 | 1 | 0.017 | 0.866 | 0.500 | 0.093 | 0.071 | 0.098 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER08W | 8 | 1 | 0.017 | 0.630 | 0.375 | 0.080 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER09W | 9 | 1 | 0.012 | 0.630 | 0.375 | 0.075 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER10W | 10 | 1 | 0.011 | 0.630 | 0.375 | 0.067 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER11W | 11 | 1 | 0.012 | 0.630 | 0.375 | 0.058 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER12W | 12 | 1 | 0.009 | 0.630 | 0.375 | 0.056 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER14W | 14 | 1 | 0.009 | 0.630 | 0.375 | 0.045 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER16W | 16 | 1 | 0.008 | 0.630 | 0.375 | 0.041 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER18W | 18 | 1 | 0.006 | 0.630 | 0.375 | 0.038 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER19W | 19 | 1 | 0.006 | 0.630 | 0.375 | 0.036 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER20W | 20 | 1 | 0.006 | 0.630 | 0.375 | 0.035 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| TS16-ER28W | 28 | 1 | 0.004 | 0.630 | 0.375 | 0.026 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |

Dimensional drawing shows right-hand version.

HC = Coated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

☺ ☹ ☹ / * = New addition to the product range

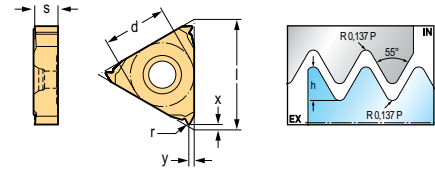
Indexable inserts A 585

A3

External thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



A3

Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | |
|-------------|---------------|----|---------|---------|---------|------------------------|---------|---------|-------|--------|----|--------|----|--------|
| | | | | | | | | | HC | WMP32G | HC | WMP32G | HC | WMP32G |
| | TS16-EL08W | 8 | 1 | 0.017 | 0.630 | 0.375 | 0.08 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL11W | 11 | 1 | 0.012 | 0.630 | 0.375 | 0.058 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL12W | 12 | 1 | 0.009 | 0.630 | 0.375 | 0.056 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL14W | 14 | 1 | 0.009 | 0.630 | 0.375 | 0.045 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL16W | 16 | 1 | 0.008 | 0.630 | 0.375 | 0.041 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL19W | 19 | 1 | 0.006 | 0.630 | 0.375 | 0.036 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL20W | 20 | 1 | 0.006 | 0.630 | 0.375 | 0.035 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-EL28W | 28 | 1 | 0.004 | 0.630 | 0.375 | 0.026 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-ER11W-F5 | 11 | 1 | 0.012 | 0.630 | 0.375 | 0.058 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-ER14W-F5 | 14 | 1 | 0.009 | 0.630 | 0.375 | 0.045 | 0.047 | 0.059 | ☑ | ☑ | ☑ | ☑ | ☑ |
| | TS16-ER19W-F5 | 19 | 1 | 0.006 | 0.630 | 0.375 | 0.035 | 0.031 | 0.031 | ☑ | ☑ | ☑ | ☑ | ☑ |

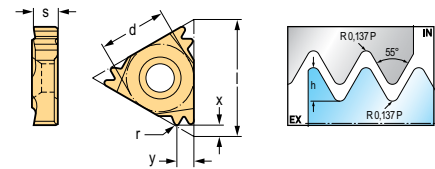
Dimensional drawing shows right-hand version.

HC = Coated carbide

External thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | | M | | S | |
|-------------|--------------|----|---------|---------|---------|------------------------|---------|---------|-------|--------|----|--------|----|--------|
| | | | | | | | | | HC | WMP32G | HC | WMP32G | HC | WMP32G |
| | TS22-ER11W-2 | 11 | 2 | 0.012 | 0.866 | 0.5 | 0.058 | 0.091 | 0.138 | ☑ | ☑ | ☑ | ☑ | ☑ |

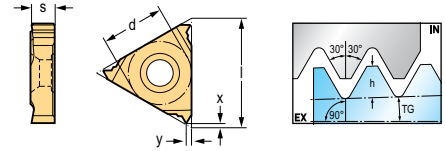
Dimensional drawing shows right-hand version.

HC = Coated carbide


External thread turning inserts – full profile, American NPTF 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | l in | d in | h _{min} in | X in | Y in | P | M | S |
|---|---------------|----|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | HC | HC | HC |
|  TS16-ER11,5NPTF | 11.5 | 1 | 0.630 | 0.375 | 0.067 | 0.043 | 0.059 | WMP32G | WMP32G | WMP32G |
| | TS16-ER18NPTF | 18 | 1 | 0.630 | 0.375 | 0.042 | 0.028 | 0.031 | WMP32G | WMP32G |

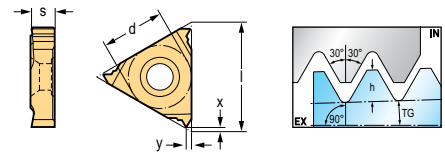
Dimensional drawing shows right-hand version.

HC = Coated carbide



External thread turning inserts – full profile, American NPT 60°

TS

Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | l in | d in | h _{min} in | X in | Y in | P | M | S | |
|---|----------------|------|---------|---------|------------------------|---------|---------|--------|--------|--------|--------|
| | | | | | | | | HC | HC | HC | |
|  TS16-ER08NPT | 8 | 1 | 0.630 | 0.375 | 0.096 | 0.043 | 0.063 | WMP32G | WMP32G | WMP32G | |
| | TS16-ER11,5NPT | 11.5 | 1 | 0.630 | 0.375 | 0.066 | 0.043 | 0.059 | WMP32G | WMP32G | WMP32G |
| | TS16-ER14NPT | 14 | 1 | 0.630 | 0.375 | 0.054 | 0.043 | 0.059 | WMP32G | WMP32G | WMP32G |
| | TS16-ER18NPT | 18 | 1 | 0.630 | 0.375 | 0.042 | 0.028 | 0.031 | WMP32G | WMP32G | WMP32G |
| | TS16-ER27NPT | 27 | 1 | 0.630 | 0.375 | 0.028 | 0.028 | 0.031 | WMP32G | WMP32G | WMP32G |
|  TS16-ER11,5NPT-F5 | 11.5 | 1 | 0.630 | 0.375 | 0.065 | 0.043 | 0.059 | WMP32G | WMP32G | WMP32G | |

Dimensional drawing shows right-hand version.

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

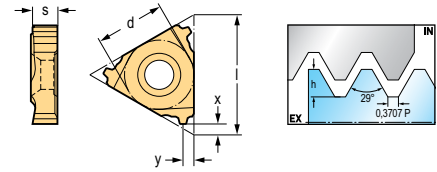
🌟 🌟 🌟 / ★ = New addition to the product range

A3

External thread turning inserts – full profile, ACME / STUB ACME 29°


TS

Tiger-tec® Gold



A3

Indexable inserts

| Designation | Pitch (TPI) | Z | l in | d in | h _{min} in | X in | Y in | P | M | S |
|---|-------------|---|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | HC | HC | HC |
|  TS22-ER05ACME | 5 | 1 | 0.866 | 0.5 | 0.111 | 0.079 | 0.091 | WMP32G | WMP32G | WMP32G |
| TS22-ER06ACME | 6 | 1 | 0.866 | 0.5 | 0.094 | 0.079 | 0.098 | WMP32G | WMP32G | WMP32G |
| TS22-ER06STACME | 6 | 1 | 0.866 | 0.5 | 0.062 | 0.094 | 0.098 | WMP32G | WMP32G | WMP32G |
| TS16-ER08ACME | 8 | 1 | 0.630 | 0.375 | 0.073 | 0.051 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER08STACME | 8 | 1 | 0.630 | 0.375 | 0.073 | 0.071 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER10ACME | 10 | 1 | 0.630 | 0.375 | 0.062 | 0.055 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER10STACME | 10 | 1 | 0.630 | 0.375 | 0.043 | 0.059 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER12ACME | 12 | 1 | 0.630 | 0.375 | 0.048 | 0.051 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER12STACME | 12 | 1 | 0.630 | 0.375 | 0.033 | 0.059 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER14ACME | 14 | 1 | 0.630 | 0.375 | 0.043 | 0.051 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER14STACME | 14 | 1 | 0.630 | 0.375 | 0.029 | 0.051 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER16ACME | 16 | 1 | 0.630 | 0.375 | 0.037 | 0.035 | 0.031 | WMP32G | WMP32G | WMP32G |

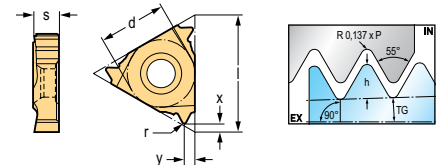
Dimensional drawing shows right-hand version.

HC = Coated carbide


External thread turning inserts – full profile, BSPT

TS

Tiger-tec® Gold



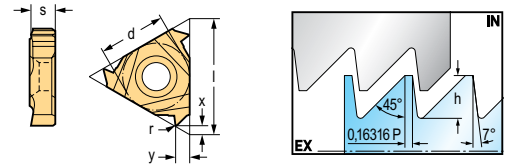
Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | M | S |
|---|-------------|---|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
|  TS16-ER11BSPT | 11 | 1 | 0.012 | 0.630 | 0.375 | 0.059 | 0.047 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER14BSPT | 14 | 1 | 0.009 | 0.630 | 0.375 | 0.046 | 0.047 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER19BSPT | 19 | 1 | 0.006 | 0.630 | 0.375 | 0.037 | 0.031 | 0.031 | WMP32G | WMP32G | WMP32G |


Dimensional drawing shows right-hand version.

HC = Coated carbide

External thread turning inserts – full profile, BUT TS Tiger-tec® Gold



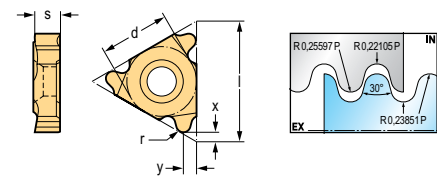
Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | M | S |
|--|-------------|---|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
|  TS16-ER12BUT | 12 | 1 | 0.005 | 0.630 | 0.375 | 0.051 | 0.079 | 0.051 | WMP32G | WMP32G | WMP32G |


Dimensional drawing shows right-hand version.

HC = Coated carbide

External thread turning inserts – full profile, RD TS Tiger-tec® Gold



Indexable inserts

| Designation | Pitch (TPI) | Z | r in | l in | d in | h _{min} in | X in | Y in | P | M | S |
|---|-------------|---|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
|  TS16-ER06RD | 6 | 1 | 0.038 | 0.630 | 0.375 | 0.087 | 0.051 | 0.071 | WMP32G | WMP32G | WMP32G |
| TS16-ER08RD | 8 | 1 | 0.029 | 0.630 | 0.375 | 0.065 | 0.051 | 0.059 | WMP32G | WMP32G | WMP32G |

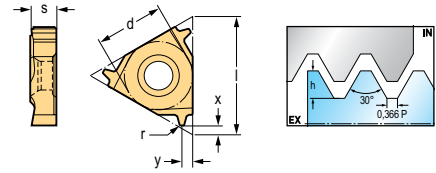
Dimensional drawing shows right-hand version.

HC = Coated carbide

External thread turning inserts – full profile, TR


TS

Tiger-tec® Gold



A3

Wendeschneidplatten

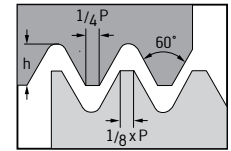
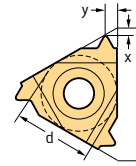
| Description | Pitch P mm | Z | r in | l in | d in | h _{min} in | X in | Y in | P | M | S |
|--|---------------|---|---------|---------|---------|------------------------|---------|---------|--------|--------|--------|
| | | | | | | | | | HC | HC | HC |
|  TS16-ER2,0TR | 2 | 1 | 0.006 | 0.630 | 0.375 | 0.052 | 0.051 | 0.059 | WMP32G | WMP32G | WMP32G |
| TS16-ER3,0TR | 3 | 1 | 0.006 | 0.630 | 0.375 | 0.071 | 0.051 | 0.063 | ☹ | ☹ | ☹ |
| TS22-ER4,0TR | 4 | 1 | 0.008 | 0.866 | 0.500 | 0.091 | 0.079 | 0.098 | ☹ | ☹ | ☹ |
| TS22-ER5,0TR | 5 | 1 | 0.008 | 0.866 | 0.500 | 0.111 | 0.079 | 0.091 | ☹ | ☹ | ☹ |

Maßskizze zeigt rechte Ausführung.

HC = beschichtetes Hartmetall

Internal thread turning inserts – full profile, ISO metric 60°

NTS



Wendeschneidplatten

| Description | Pitch P mm | l in | d in | h _{min} in | X in | Y in | P | | M | |
|-------------------|---------------|---------|---------|------------------------|---------|---------|-------|-------|-------|-------|
| | | | | | | | HC | | HC | |
| | | | | | | | WXM20 | WXP20 | WMP32 | WXM20 |
| NTS-IL-11 0.75ISO | 0.75 | 0.433 | 0.250 | 0.017 | 0.024 | 0.024 | | | | |
| NTS-IL-11 0.80ISO | 0.8 | 0.433 | 0.250 | 0.018 | 0.024 | 0.024 | | | | |
| NTS-IL-11 1.00ISO | 1 | 0.433 | 0.250 | 0.023 | 0.024 | 0.028 | | | | |
| NTS-IL-11 1.25ISO | 1.25 | 0.433 | 0.250 | 0.028 | 0.031 | 0.035 | | | | |
| NTS-IL-11 1.50ISO | 1.5 | 0.433 | 0.250 | 0.034 | 0.031 | 0.039 | | | | |
| NTS-IL-11 1.75ISO | 1.75 | 0.433 | 0.250 | 0.040 | 0.035 | 0.043 | | | | |
| NTS-IL-11 2.00ISO | 2 | 0.433 | 0.250 | 0.045 | 0.035 | 0.043 | | | | |
| NTS-IL-11 2.50ISO | 2.5 | 0.433 | 0.250 | 0.057 | 0.031 | 0.043 | | | | |
| NTS-IL-16 0.50ISO | 0.5 | 0.630 | 0.375 | 0.011 | 0.024 | 0.016 | | | | |
| NTS-IL-16 0.60ISO | 0.6 | 0.630 | 0.375 | 0.014 | 0.024 | 0.024 | | | | |
| NTS-IL-16 0.70ISO | 0.7 | 0.630 | 0.375 | 0.016 | 0.024 | 0.024 | | | | |
| NTS-IL-16 0.75ISO | 0.75 | 0.630 | 0.375 | 0.017 | 0.024 | 0.024 | | | | |
| NTS-IL-16 0.80ISO | 0.8 | 0.630 | 0.375 | 0.018 | 0.024 | 0.024 | | | | |
| NTS-IL-16 1.00ISO | 1 | 0.630 | 0.375 | 0.023 | 0.024 | 0.028 | | | | |
| NTS-IL-16 1.50ISO | 1.5 | 0.630 | 0.375 | 0.034 | 0.031 | 0.039 | | | | |
| NTS-IL-16 1.75ISO | 1.75 | 0.630 | 0.375 | 0.040 | 0.035 | 0.047 | | | | |
| NTS-IL-16 2.00ISO | 2 | 0.630 | 0.375 | 0.045 | 0.039 | 0.051 | | | | |
| NTS-IL-16 2.50ISO | 2.5 | 0.630 | 0.375 | 0.057 | 0.043 | 0.059 | | | | |
| NTS-IL-16 3.00ISO | 3 | 0.630 | 0.375 | 0.068 | 0.043 | 0.059 | | | | |
| NTS-IL-22 4.00ISO | 4 | 0.866 | 0.500 | 0.091 | 0.063 | 0.091 | | | | |
| NTS-IL-22 4.50ISO | 4.5 | 0.866 | 0.500 | 0.102 | 0.063 | 0.094 | | | | |
| NTS-IL-22 5.00ISO | 5 | 0.866 | 0.500 | 0.114 | 0.063 | 0.091 | | | | |
| NTS-IR-11 0.75ISO | 0.75 | 0.433 | 0.250 | 0.017 | 0.024 | 0.024 | | | | |
| NTS-IR-11 0.80ISO | 0.8 | 0.433 | 0.250 | 0.018 | 0.024 | 0.024 | | | | |
| NTS-IR-11 1.00ISO | 1 | 0.433 | 0.250 | 0.023 | 0.024 | 0.028 | | | | |
| NTS-IR-11 1.25ISO | 1.25 | 0.433 | 0.250 | 0.028 | 0.031 | 0.035 | | | | |
| NTS-IR-11 1.50ISO | 1.5 | 0.433 | 0.250 | 0.034 | 0.031 | 0.039 | | | | |
| NTS-IR-11 1.75ISO | 1.75 | 0.433 | 0.250 | 0.04 | 0.035 | 0.043 | | | | |
| NTS-IR-11 2.00ISO | 2 | 0.433 | 0.250 | 0.045 | 0.035 | 0.043 | | | | |
| NTS-IR-11 2.50ISO | 2.5 | 0.433 | 0.250 | 0.057 | 0.031 | 0.043 | | | | |
| NTS-IR-16 0.50ISO | 0.5 | 0.630 | 0.375 | 0.011 | 0.024 | 0.016 | | | | |
| NTS-IR-16 0.60ISO | 0.6 | 0.630 | 0.375 | 0.014 | 0.024 | 0.024 | | | | |
| NTS-IR-16 0.70ISO | 0.7 | 0.630 | 0.375 | 0.016 | 0.024 | 0.024 | | | | |
| NTS-IR-16 0.75ISO | 0.75 | 0.630 | 0.375 | 0.017 | 0.024 | 0.024 | | | | |
| NTS-IR-16 0.80ISO | 0.8 | 0.630 | 0.375 | 0.018 | 0.024 | 0.024 | | | | |
| NTS-IR-16 1.00ISO | 1 | 0.630 | 0.375 | 0.023 | 0.024 | 0.028 | | | | |
| NTS-IR-16 1.25ISO | 1.25 | 0.630 | 0.375 | 0.028 | 0.031 | 0.035 | | | | |
| NTS-IR-16 1.50ISO | 1.5 | 0.630 | 0.375 | 0.034 | 0.031 | 0.039 | | | | |
| NTS-IR-16 1.75ISO | 1.75 | 0.630 | 0.375 | 0.040 | 0.035 | 0.047 | | | | |
| NTS-IR-16 2.00ISO | 2 | 0.630 | 0.375 | 0.045 | 0.039 | 0.051 | | | | |
| NTS-IR-16 2.50ISO | 2.5 | 0.630 | 0.375 | 0.057 | 0.043 | 0.059 | | | | |
| NTS-IR-16 3.00ISO | 3 | 0.630 | 0.375 | 0.068 | 0.043 | 0.059 | | | | |
| NTS-IR-22 3.50ISO | 3.5 | 0.866 | 0.500 | 0.080 | 0.063 | 0.091 | | | | |
| NTS-IR-22 4.00ISO | 4 | 0.866 | 0.500 | 0.091 | 0.063 | 0.091 | | | | |
| NTS-IR-22 4.50ISO | 4.5 | 0.866 | 0.500 | 0.102 | 0.063 | 0.094 | | | | |
| NTS-IR-22 5.00ISO | 5 | 0.866 | 0.500 | 0.114 | 0.063 | 0.094 | | | | |

Bestellbeispiel für die Sorte WMP32: NTS-IL-11 0.75ISO WMP32

HC = beschichtetes Hartmetall

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

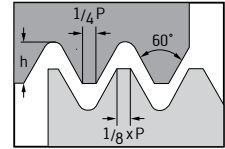
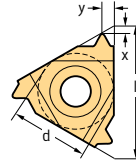
☺ ☹ ☹ / * = New addition to the product range

Indexable inserts A 591

A3

Internal thread turning inserts – full profile, American UN 60°

NTS



A3

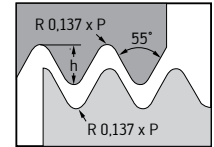
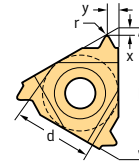
Indexable inserts

| Designation | Pitch (TPI) | l in | d in | h _{min} in | X in | Y in | P | | M | |
|-----------------|-------------|---------|---------|------------------------|---------|---------|-------|-------|-------|-------|
| | | | | | | | HC | | HC | |
| | | | | | | | WXM20 | WXP20 | WMP32 | WXM20 |
| NTS-IR-11 11UN | 11 | 0.433 | 0.250 | 0.052 | 0.031 | 0.043 | | | ☹ | ☹ |
| NTS-IR-11 12UN | 12 | 0.433 | 0.250 | 0.048 | 0.031 | 0.043 | | | ☹ | ☹ |
| NTS-IR-11 14UN | 14 | 0.433 | 0.250 | 0.041 | 0.035 | 0.043 | | | ☹ | ☹ |
| NTS-IR-11 16UN | 16 | 0.433 | 0.250 | 0.036 | 0.035 | 0.043 | | | ☹ | ☹ |
| NTS-IR-11 18UN | 18 | 0.433 | 0.250 | 0.032 | 0.031 | 0.039 | | | ☹ | ☹ |
| NTS-IR-11 20UN | 20 | 0.433 | 0.250 | 0.029 | 0.031 | 0.035 | | | ☹ | ☹ |
| NTS-IR-11 24UN | 24 | 0.433 | 0.250 | 0.024 | 0.028 | 0.031 | | | ☹ | ☹ |
| NTS-IR-11 27UN | 27 | 0.433 | 0.250 | 0.021 | 0.028 | 0.031 | | | ☹ | ☹ |
| NTS-IR-11 28UN | 28 | 0.433 | 0.250 | 0.020 | 0.024 | 0.028 | | | ☹ | ☹ |
| NTS-IR-11 32UN | 32 | 0.433 | 0.250 | 0.018 | 0.024 | 0.024 | | | ☹ | ☹ |
| NTS-IR-11 36UN | 36 | 0.433 | 0.250 | 0.016 | 0.024 | 0.024 | | | ☹ | ☹ |
| NTS-IR-11 40UN | 40 | 0.433 | 0.250 | 0.015 | 0.024 | 0.024 | | | ☹ | ☹ |
| NTS-IR-11 56UN | 56 | 0.433 | 0.250 | 0.010 | 0.028 | 0.016 | | | ☹ | ☹ |
| NTS-IR-11 64UN | 64 | 0.433 | 0.250 | 0.009 | 0.031 | 0.016 | | | ☹ | ☹ |
| NTS-IR-16 008UN | 8 | 0.630 | 0.375 | 0.072 | 0.043 | 0.059 | ☹ | | ☹ | |
| NTS-IR-16 009UN | 9 | 0.630 | 0.375 | 0.064 | 0.047 | 0.067 | ☹ | | ☹ | |
| NTS-IR-16 010UN | 10 | 0.630 | 0.375 | 0.058 | 0.043 | 0.059 | ☹ | | ☹ | |
| NTS-IR-16 011UN | 11 | 0.630 | 0.375 | 0.052 | 0.043 | 0.059 | ☹ | | ☹ | |
| NTS-IR-16 012UN | 12 | 0.630 | 0.375 | 0.048 | 0.043 | 0.055 | ☹ | ☹ | ☹ | |
| NTS-IR-16 013UN | 13 | 0.630 | 0.375 | 0.044 | 0.039 | 0.051 | ☹ | | ☹ | |
| NTS-IR-16 014UN | 14 | 0.630 | 0.375 | 0.041 | 0.035 | 0.047 | ☹ | | ☹ | |
| NTS-IR-16 016UN | 16 | 0.630 | 0.375 | 0.036 | 0.035 | 0.043 | ☹ | | ☹ | |
| NTS-IR-16 018UN | 18 | 0.630 | 0.375 | 0.032 | 0.031 | 0.039 | ☹ | | ☹ | |
| NTS-IR-16 020UN | 20 | 0.630 | 0.375 | 0.029 | 0.031 | 0.035 | ☹ | | ☹ | |

Ordering example for the grade WMP32: NTS-IR-11 11UN WMP32

HC = Coated carbide

Internal thread turning inserts – full profile, Whitworth NTS



A3

Indexable inserts

| Designation | Pitch (TPI) | l in | d in | h _{min} in | X in | Y in | P | | | M | |
|----------------|-------------|---------|---------|------------------------|---------|---------|-------|-------|-------|-------|-------|
| | | | | | | | HC | | | HC | |
| | | | | | | | WXM20 | WXP20 | WMP32 | WXM20 | WMP32 |
| NTS-IR-11 12W | 12 | 0.433 | 0.250 | 0.052 | 0.035 | 0.047 | | | | | |
| NTS-IR-11 14W | 14 | 0.433 | 0.250 | 0.046 | 0.035 | 0.043 | | | | | |
| NTS-IR-11 16W | 16 | 0.433 | 0.250 | 0.040 | 0.035 | 0.043 | | | | | |
| NTS-IR-11 18W | 18 | 0.433 | 0.250 | 0.035 | 0.031 | 0.039 | | | | | |
| NTS-IR-11 19W | 19 | 0.433 | 0.250 | 0.034 | 0.031 | 0.039 | | | | | |
| NTS-IR-11 20W | 20 | 0.433 | 0.250 | 0.032 | 0.031 | 0.035 | | | | | |
| NTS-IR-11 22W | 22 | 0.433 | 0.250 | 0.029 | 0.031 | 0.035 | | | | | |
| NTS-IR-11 24W | 24 | 0.433 | 0.250 | 0.027 | 0.028 | 0.031 | | | | | |
| NTS-IR-11 26W | 26 | 0.433 | 0.250 | 0.025 | 0.028 | 0.031 | | | | | |
| NTS-IR-11 32W | 32 | 0.433 | 0.250 | 0.02 | 0.024 | 0.024 | | | | | |
| NTS-IR-11 36W | 36 | 0.433 | 0.250 | 0.018 | 0.024 | 0.024 | | | | | |
| NTS-IR-11 48W | 48 | 0.433 | 0.250 | 0.013 | 0.024 | 0.024 | | | | | |
| NTS-IR-16 008W | 8 | 0.630 | 0.375 | 0.08 | 0.047 | 0.059 | | | | | |
| NTS-IR-16 009W | 9 | 0.630 | 0.375 | 0.071 | 0.047 | 0.067 | | | | | |
| NTS-IR-16 010W | 10 | 0.630 | 0.375 | 0.064 | 0.043 | 0.059 | | | | | |
| NTS-IR-16 011W | 11 | 0.630 | 0.375 | 0.058 | 0.043 | 0.059 | | | | | |
| NTS-IR-16 012W | 12 | 0.630 | 0.375 | 0.054 | 0.043 | 0.055 | | | | | |
| NTS-IR-16 014W | 14 | 0.630 | 0.375 | 0.046 | 0.039 | 0.047 | | | | | |
| NTS-IR-16 016W | 16 | 0.630 | 0.375 | 0.040 | 0.035 | 0.043 | | | | | |
| NTS-IR-16 018W | 18 | 0.630 | 0.375 | 0.035 | 0.031 | 0.039 | | | | | |
| NTS-IR-16 019W | 19 | 0.630 | 0.375 | 0.034 | 0.031 | 0.039 | | | | | |

Ordering example for the grade WMP32: NTS-IR-11 12W WMP32

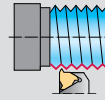
HC = Coated carbide

Thread turning tools - external machining

Type



Machining



A3

NEW
NEW
NEW


Designation

T1011
T1011...-S
T1011-C...

Version

Square shank

Square shank

Walter Capto™ in acc. with ISO 26623

Clamping system

Claw

Claw

Claw

Coolant supply

External

External

Internal

Walter Capto™ size

C3-C6

Insert size l [mm]

16-22

16-22

16-22

Insert size l [inch]

0.630-0.866

0.630-0.866

0.630-0.866

Page in catalog

A 596

A 596

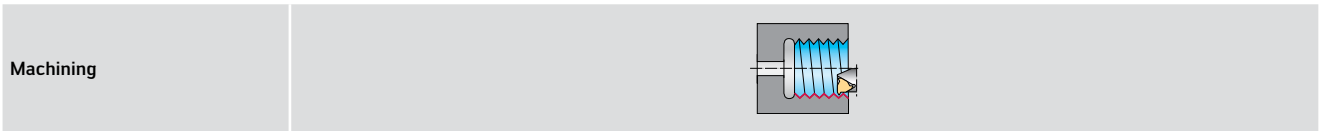
A 604

QR code


www.walter-tools.com/woc/
T1011
T1011-S
T1011-C

Threading tools - internal machining

Type



A3

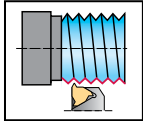


| Designation | A...-NTS-I | S...-NTS-I | C...-NTS-SI | T1820-Q...-P |
|--|--------------------------------------|--------------------------------------|--------------------------------------|-------------------|
| Version | Parallel shank with clamping surface | Parallel shank with clamping surface | Walter Capto™ in acc. with ISO 26623 | QuadFit |
| Clamping system | Screw | Screw | Screw | Lever-type |
| Coolant supply | Internal | External | Internal | Precision cooling |
| Boring bar Ø d ₁ [mm] | 20 | 16–40 | | |
| Boring bar Ø d ₁ [inch] | | 0.580–1.340 | | |
| Walter Capto™ size | | | C4–C6 | |
| QuadFit size | | | | Q25–Q50 |
| Insert size l [mm] | 11–16 | 16–22 | 16–22 | 16–22 |
| Insert size l [inch] | 0.433–0.866 | 0.630–0.866 | 0.630–0.866 | 0.630–0.866 |
| Page in catalog | A 581 | A 581 | A 608 | A 610 |
| QR code | | | | |
| www.walter-tools.com/woc/ | A-NTS-I | S-NTS-I | C-NTS-SI | T1820-Q-P |

Shank tool – External thread

 T1011








A3



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | Type |
|--------------------|--------------------|----|--------------------------|---------|---------|----------------------|----------------------|--------|
| Square shank | ★ T1011-1212R-TS16 | 16 | 12 | 12 | 16 | 100 | 22 | TS16-E |
| | ★ T1011-1616R-TS16 | 16 | 16 | 16 | 20 | 100 | 22 | |
| | ★ T1011-2020R-TS16 | 16 | 20 | 20 | 25 | 125 | 32 | |
| | ★ T1011-2525R-TS16 | 16 | 25 | 25 | 32 | 150 | 32 | |
| | ★ T1011-3225R-TS16 | 16 | 32 | 25 | 32 | 170 | 32 | |
| | ★ T1011-3232R-TS16 | 16 | 32 | 32 | 40 | 170 | 32 | |
| | ★ T1011-4040R-TS16 | 16 | 40 | 40 | 40 | 200 | 37 | TS22-E |
| | ★ T1011-2525R-TS22 | 22 | 25 | 25 | 32 | 150 | 38 | |
| | ★ T1011-3225R-TS22 | 22 | 32 | 25 | 32 | 170 | 38 | |
| | ★ T1011-3232R-TS22 | 22 | 32 | 32 | 40 | 170 | 38 | |
| ★ T1011-4040R-TS22 | 22 | 40 | 40 | 40 | 200 | 42 | | |
| Square shank | ★ T1011-1212L-TS16 | 16 | 12 | 12 | 16 | 100 | 22 | TS16-E |
| | ★ T1011-2020L-TS16 | 16 | 20 | 20 | 25 | 125 | 32 | |
| | ★ T1011-2525L-TS16 | 16 | 25 | 25 | 32 | 150 | 32 | |
| | ★ T1011-3232L-TS16 | 16 | 32 | 32 | 40 | 170 | 32 | |
| | ★ T1011-2525L-TS22 | 22 | 25 | 25 | 32 | 150 | 38 | TS22-E |
| | ★ T1011-3232L-TS22 | 22 | 32 | 32 | 40 | 170 | 38 | |
| | | | | | | | | |

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type h = h ₁ [mm] | TS16-E 12–16 | TS16-E 20–40 | TS22-E 25–40 |
|----------------|---------------------------------|-----------------|--------------------------|--------------------------|
| | Clamp | | PK273 | PK274 |
| | Clamp set | PK275-SET | | |
| | Clamping screw | | FS2687 (T15IP) 2.5 Nm | FS2688 (T20IP) 3.9 Nm |
| | Shim | GX16-1 | GX16-1 | NX22-1 |
| | Screw for shim | FS2590 (T9IP) | FS2590 (T9IP) | FS2686 (T15IP) |
| | Tension spring | | FS1470 | SP1000-76-16 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

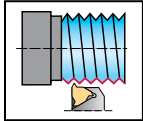
| Accessories | | | |
|---|------|---------|-----------|
| | Type | TS16-E | TS22-E |
|  | Shim | MX16-1 | MX22-1 |
|  | Shim | GX16-0 | NX22-97.5 |
|  | Shim | GX16-2 | NX22-98.5 |
|  | Shim | GX16-3 | NX22-99.5 |
|  | Shim | GX16-4 | NX22-0.5 |
|  | Shim | GX16-98 | NX22-1.5 |
|  | Shim | GX16-99 | NX22-0 |
|  | Shim | | NX22-2 |
|  | Shim | | NX22-3 |
|  | Shim | | NX22-4 |

A3

Shank tool – External thread

 T1011...-S


A3



| Tool | Designation | | h = h ₁ mm | b mm | f mm | l ₁ mm | l ₄ mm | Type |
|---------------------|----------------------|----|--------------------------|---------|---------|----------------------|----------------------|--------|
| <p>Square shank</p> | ★ T1011-1616R-TS16-S | 16 | 16 | 16 | 16 | 100 | 22 | TS16-E |
| | ★ T1011-2020R-TS16-S | 16 | 20 | 20 | 20 | 125 | 32 | |
| | ★ T1011-2525R-TS16-S | 16 | 25 | 25 | 25 | 150 | 32 | |
| | ★ T1011-2525R-TS22-S | 22 | 25 | 25 | 25 | 150 | 38 | TS22-E |
| <p>Square shank</p> | ★ T1011-1616L-TS16-S | 16 | 16 | 16 | 16 | 100 | 22 | TS16-E |
| | ★ T1011-2020L-TS16-S | 16 | 20 | 20 | 20 | 125 | 32 | |
| | ★ T1011-2525L-TS16-S | 16 | 25 | 25 | 25 | 150 | 32 | |
| | ★ T1011-2525L-TS22-S | 22 | 25 | 25 | 25 | 150 | 38 | TS22-E |

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type h = h ₁ (mm) | TS16-E 16 | TS16-E 20-25 | TS22-E 25 |
|----------------|---------------------------------|----------------|--------------------------|--------------------------|
| | Clamp | | PK273 | PK274 |
| | Clamp set | PK275-SET | | |
| | Clamping screw | | FS2687 (T15IP) 2.5 Nm | FS2688 (T20IP) 3.9 Nm |
| | Shim | GX16-1 | GX16-1 | NX22-1 |
| | Screw for shim | FS2590 (T9IP) | FS2590 (T9IP) | FS2686 (T15IP) |
| | Tension spring | | FS1470 | SP1000-76-16 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

Accessories

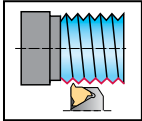
| | Type | TS16-E | TS22-E |
|---|------|---------|-----------|
|  | Shim | MX16-1 | MX22-1 |
|  | Shim | GX16-0 | NX22-97.5 |
|  | Shim | GX16-2 | NX22-98.5 |
|  | Shim | GX16-3 | NX22-99.5 |
|  | Shim | GX16-4 | NX22-0.5 |
|  | Shim | GX16-98 | NX22-1.5 |
|  | Shim | GX16-99 | NX22-0 |
|  | Shim | | NX22-2 |
|  | Shim | | NX22-3 |
|  | Shim | | NX22-4 |

A3

Shank tool – External thread

 T1011 inch


A3



Tool










| Designation | | $h = h_1$ inch | b inch | f inch | l_1 inch | l_4 inch | Type |
|---------------------|----|-------------------|-----------|-----------|---------------|---------------|--------|
| ★ T1011.08R-TS16 | 16 | 0.500 | 0.500 | 0.625 | 4.000 | 0.900 | TS16-E |
| ★ T1011.10R-TS16 | 16 | 0.625 | 0.625 | 0.750 | 4.000 | 0.900 | |
| ★ T1011.16R-TS16 | 16 | 1.000 | 1.000 | 1.250 | 6.000 | 1.100 | |
| ★ T1011.20R-TS16 | 16 | 1.250 | 1.250 | 1.500 | 6.000 | 1.181 | |
| ★ T1011.16R-TS22 | 22 | 1.000 | 1.000 | 1.250 | 6.000 | 1.300 | TS22-E |
| ★ T1011.20R-TS22 | 22 | 1.250 | 1.250 | 1.500 | 6.000 | 1.417 | |
| <p>Square shank</p> | | | | | | | |
| ★ T1011.08L-TS16 | 16 | 0.500 | 0.500 | 0.625 | 4.000 | 0.900 | TS16-E |
| ★ T1011.10L-TS16 | 16 | 0.625 | 0.625 | 0.750 | 4.000 | 0.900 | |
| ★ T1011.16L-TS16 | 16 | 1.000 | 1.000 | 1.250 | 6.000 | 1.100 | |
| ★ T1011.20L-TS16 | 16 | 1.250 | 1.250 | 1.500 | 6.000 | 1.100 | |
| ★ T1011.16L-TS22 | 22 | 1.000 | 1.000 | 1.250 | 6.000 | 1.300 | TS22-E |
| ★ T1011.20L-TS22 | 22 | 1.250 | 1.250 | 1.500 | 6.000 | 1.300 | |
| <p>Square shank</p> | | | | | | | |

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

| | Type $h = h_1$ [inch] | TS16-E 0.5–0.625 | TS16-E 1–1.25 | TS22-E 1–1.25 |
|--|--------------------------|---------------------|-----------------------------|-----------------------------|
| | Clamp | | PK273 | PK274 |
| | Clamp set | PK275-SET | | |
| | Clamping screw | | FS2687 (T15IP) 1.844 lbs | FS2688 (T20IP) 2.876 lbs |
| | Shim | GX16-1 | GX16-1 | NX22-1 |
| | Screw for shim | FS2590 (T9IP) | FS2590 (T9IP) | FS2686 (T15IP) |
| | Tension spring | | FS1470 | SP1000-76-16 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

Accessories

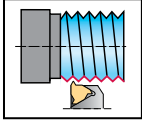
| | Type | TS16-E | TS22-E |
|---|------|---------|-----------|
|  | Shim | MX16-1 | MX22-1 |
|  | Shim | GX16-0 | NX22-97.5 |
|  | Shim | GX16-2 | NX22-98.5 |
|  | Shim | GX16-3 | NX22-99.5 |
|  | Shim | GX16-4 | NX22-0.5 |
|  | Shim | GX16-98 | NX22-1.5 |
|  | Shim | GX16-99 | NX22-0 |
|  | Shim | | NX22-2 |
|  | Shim | | NX22-3 |
|  | Shim | | NX22-4 |

A3

Shank tool – External thread

 T1011...-S inch


A3










| Tool | | h = h ₁ inch | b inch | f inch | l ₁ inch | l ₄ inch | Type | |
|---------------------|--------------------|----------------------------|-----------|-----------|------------------------|------------------------|--------|--------|
| <p>Square shank</p> | 16 | 0.500 | 0.500 | 0.500 | 5.000 | 0.84 | TS16-E | |
| | ★ T1011.08R-TS16-S | 16 | 0.625 | 0.625 | 0.625 | 5.000 | | 0.84 |
| | ★ T1011.10R-TS16-S | 16 | 0.750 | 0.750 | 0.750 | 5.000 | | 0.900 |
| <p>Square shank</p> | ★ T1011.12L-TS16-S | 16 | 0.750 | 0.750 | 0.750 | 5.000 | 0.900 | TS16-E |

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type h = h ₁ [inch] | TS16-E 0.5–0.625 | TS16-E 0.75 |
|----------------|-----------------------------------|---------------------|-----------------------------|
| | Clamp | | PK273 |
| | Clamp set | PK275-SET | |
| | Clamping screw | | FS2687 (T15IP) 1.844 lbs |
| | Shim | GX16-1 | GX16-1 |
| | Screw for shim | FS2590 (T9IP) | FS2590 (T9IP) |
| | Tension spring | | FS1470 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) |

Accessories

| | Type | TS16-E |
|---|------|---------|
|  | Shim | MX16-1 |
|  | Shim | GX16-0 |
|  | Shim | GX16-2 |
|  | Shim | GX16-3 |
|  | Shim | GX16-4 |
|  | Shim | GX16-98 |
|  | Shim | GX16-99 |

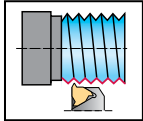
A3

Turning tools – External thread

 T1011-C...


A3

– Walter Capto™















| Tool | Designation | | d ₁ | f mm | l ₄ mm | Type | |
|--|--|------------------------|----------------|---------|----------------------|--------|--------|
| Walter Capto™ in acc. with ISO 26623 | ★ T1011-C3R-22045-TS16 | 16 | C3 | 22 | 45 | TS16-E | |
| | ★ T1011-C4R-27050-TS16 | 16 | C4 | 27 | 50 | | |
| | ★ T1011-C5R-35060-TS16 | 16 | C5 | 35 | 60 | | |
| | Walter Capto™ in acc. with ISO 26623 | ★ T1011-C6R-45065-TS16 | 16 | C6 | 18 | 65 | TS22-E |
| | | ★ T1011-C4R-27050-TS22 | 22 | C4 | 27 | 50 | |
| | | ★ T1011-C5R-35060-TS22 | 22 | C5 | 35 | 60 | |
| Walter Capto™ in acc. with ISO 26623 | | ★ T1011-C6R-45065-TS22 | 22 | C6 | 45 | 65 | TS16-E |
| | | ★ T1011-C4L-27050-TS16 | 16 | C4 | 27 | 50 | |
| | | ★ T1011-C5L-35060-TS16 | 16 | C5 | 27 | 60 | |
| | Walter Capto™ in acc. with ISO 26623 | ★ T1011-C6L-45065-TS16 | 16 | C6 | 35 | 65 | TS22-E |
| | | ★ T1011-C4L-27050-TS22 | 22 | C4 | 27 | 50 | |
| | | ★ T1011-C5L-35060-TS22 | 22 | C5 | 35 | 60 | |
| ★ T1011-C6L-45065-TS22 | | 22 | C6 | 45 | 65 | | |

The toolholders listed are designed for an inclination angle of 1° | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalog for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

| Assembly parts | Type d ₁ | TS16-E C3 | TS16-E C4–C6 | TS22-E C4–C6 |
|----------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| | Clamp | PK273 | PK273 | PK274 |
| | Clamping screw Tightening torque | FS2687 (T15IP) 2.5 Nm | FS2687 (T15IP) 2.5 Nm | FS2688 (T20IP) 3.9 Nm |
| | Shim | GX16-1 | GX16-1 | NX22-1 |
| | Screw for shim | FS2693 | FS2590 (T9IP) | FS2686 (T15IP) |
| | Tension spring | FS1470 | FS1470 | SP1000-76-16 |
| | Torx key | FS1465 (T15IP) | FS1465 (T15IP) | |
| | Allen key | | | FS1464 (T20IP) |

Accessories

| | Type | TS16-E | TS22-E |
|---|------|---------|-----------|
|  | Shim | MX16-1 | MX22-1 |
|  | Shim | GX16-0 | NX22-97.5 |
|  | Shim | GX16-2 | NX22-98 |
|  | Shim | GX16-3 | NX22-99 |
|  | Shim | GX16-4 | NX22-98.5 |
|  | Shim | GX16-98 | NX22-99.5 |
|  | Shim | GX16-99 | NX22-0.5 |
|  | Shim | | NX22-1.5 |
|  | Shim | | NX22-0 |
|  | Shim | | NX22-2 |
|  | Shim | | NX22-3 |
|  | Shim | | NX22-4 |

A3

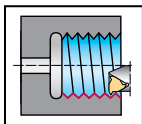
Boring bar – Internal thread

 A...-NTS-I / S...-NTS-I

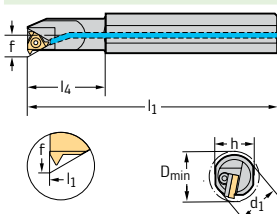
Walter NTS



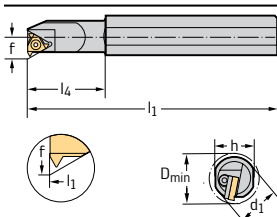
A3



Tool






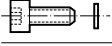

Parallel shank with clamping surface



Parallel shank with clamping surface

| Designation | | D_{min} mm | d_1 mm | f mm | h mm | l_1 mm | l_4 mm | β | Type |
|------------------|----|-----------------|-------------|-----------|-----------|-------------|-------------|---------|----------------|
| A20Q-NTS-IL11-12 | 11 | 12 | 20 | 7.3 | 18 | 180 | 25 | 3° | NTS-I . -11 .. |
| A20Q-NTS-IL11-13 | 11 | 13 | 20 | 7.4 | 18 | 180 | 25 | 1.5° | |
| A20Q-NTS-IL11-16 | 11 | 16 | 20 | 8.9 | 18 | 180 | 32 | 1.5° | |
| A20Q-NTS-IR11-12 | 11 | 12 | 20 | 7.3 | 18 | 180 | 25 | 3° | |
| A20Q-NTS-IR11-13 | 11 | 13 | 20 | 7.4 | 18 | 180 | 25 | 1.5° | |
| A20Q-NTS-IR11-16 | 11 | 16 | 20 | 8.9 | 18 | 180 | 32 | 1.5° | |
| A20Q-NTS-IL16-16 | 16 | 16 | 20 | 10.2 | 18 | 180 | 32 | 2.5° | NTS-I . -16 .. |
| A20Q-NTS-IR16-16 | 16 | 16 | 20 | 10.2 | 18 | 180 | 34 | 2.5° | |
| S16M-NTS-IL16-20 | 16 | 20 | 16 | 11.3 | 15.2 | 150 | 32 | 1.5° | NTS-I . -16 .. |
| S16M-NTS-IR16-20 | 16 | 20 | 16 | 11.3 | 15.2 | 150 | 32 | 1.5° | |
| S20Q-NTS-IL16-17 | 16 | 17 | 20 | 10.3 | 18 | 180 | 32 | 1.5° | |
| S20Q-NTS-IL16-20 | 16 | 20 | 20 | 11.5 | 18 | 180 | 40 | 1.5° | |
| S20Q-NTS-IL16-24 | 16 | 24 | 20 | 13.4 | 18 | 180 | 40 | 1.5° | |
| S20Q-NTS-IR16-17 | 16 | 17 | 20 | 10.3 | 18 | 180 | 32 | 1.5° | |
| S20Q-NTS-IR16-20 | 16 | 20 | 20 | 11.5 | 18 | 180 | 40 | 1.5° | |
| S20Q-NTS-IR16-24 | 16 | 24 | 20 | 13.4 | 18 | 180 | 40 | 1.5° | |
| S25R-NTS-IL16-29 | 16 | 29 | 25 | 16.1 | 22.6 | 200 | 45 | 1.5° | |
| S25R-NTS-IR16-29 | 16 | 29 | 25 | 16.1 | 22.6 | 200 | 45 | 1.5° | |
| S32S-NTS-IL16-29 | 16 | 29 | 32 | 16.3 | 29 | 250 | 60 | 1.5° | NTS-I . -22 .. |
| S32S-NTS-IL16-36 | 16 | 36 | 32 | 19.6 | 29 | 250 | 60 | 1.5° | |
| S32S-NTS-IR16-29 | 16 | 29 | 32 | 16.3 | 29 | 250 | 60 | 1.5° | |
| S32S-NTS-IR16-36 | 16 | 36 | 32 | 19.6 | 29 | 250 | 60 | 1.5° | |
| S40T-NTS-IL16-44 | 16 | 44 | 40 | 23.8 | 25.8 | 300 | 60 | 1.5° | |
| S40T-NTS-IR16-44 | 16 | 44 | 40 | 23.8 | 25.8 | 300 | 60 | 1.5° | |
| S20Q-NTS-IL22-27 | 22 | 27 | 20 | 15.6 | 18 | 180 | 50 | 1.5° | |
| S25R-NTS-IL22-32 | 22 | 32 | 25 | 17.2 | 22.6 | 200 | 45 | 1.5° | |
| S25R-NTS-IR22-32 | 22 | 32 | 25 | 17.2 | 22.6 | 200 | 45 | 1.5° | |
| S32S-NTS-IL22-32 | 22 | 32 | 32 | 17.4 | 29 | 250 | 60 | 1.5° | |
| S32S-NTS-IL22-39 | 22 | 39 | 32 | 21.5 | 29 | 250 | 60 | 1.5° | |
| S32S-NTS-IR22-32 | 22 | 32 | 32 | 17.4 | 29 | 250 | 60 | 1.5° | |
| S32S-NTS-IR22-39 | 22 | 39 | 32 | 21.5 | 29 | 250 | 60 | 1.5° | |
| S40T-NTS-IL22-47 | 22 | 47 | 40 | 25.8 | 32 | 300 | 60 | 1.5° | |
| S40T-NTS-IR22-47 | 22 | 47 | 40 | 25.8 | 32 | 300 | 60 | 1.5° | |

Bodies and assembly parts are included in the scope of delivery

| Assembly parts | | NTS-I. -11 .. 12-16 | NTS-I. -16 .. 16-20 | NTS-I. -16 .. 24-44 | NTS-I. -22 .. 27 | NTS-I. -22 .. 32-47 |
|---|--|------------------------|------------------------|------------------------|------------------------|------------------------|
| Type | D _{min} [mm] | | | | | |
|  | Left shim | | | YI3 | | YI4 |
|  | Right shim | | | YE3 | | YE4 |
|  | Clamping screw for threading insert Tightening torque | FS2174 (T8) 0.9 Nm | FS2175 (T10) 1.7 Nm | FS2177 (T10) 1.7 Nm | FS2176 (T20) 3.8 Nm | FS2178 (T20) 3.8 Nm |
|  | Clamping screw + washer for shim | | | FS2179 (T10) | | FS2180 (T20) |
|  | Torx key | FS257 (T8) | FS1050 (T10) | FS1050 (T10) | FS256 (T20) | FS256 (T20) |

A3

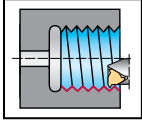
Boring bar – Internal thread

 S...-NTS-I inch

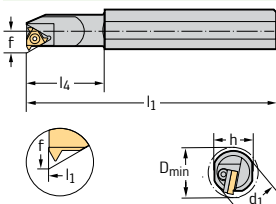
Walter NTS



A3



Tool



Parallel shank with clamping surface

| Designation | | D_{min} inch | d_1 inch | f inch | h inch | l_1 inch | l_4 inch | β | Type | |
|-----------------|--|-------------------|---------------|-------------|-------------|---------------|---------------|---------|------|----------------|
| S10M-NTSIL16-51 | | 16 | 0.800 | 0.625 | 0.460 | 0.580 | 6.000 | 1.250 | 15° | NTS-I . -16 .. |
| S10M-NTSIR16-51 | | 16 | 0.800 | 0.625 | 0.460 | 0.580 | 6.000 | 1.250 | 15° | |
| S12Q-NTSIL16-46 | | 16 | 0.800 | 0.750 | 0.460 | 0.670 | 7.000 | 1.500 | 15° | |
| S12Q-NTSIR16-40 | | 16 | 0.670 | 0.750 | 0.400 | 0.670 | 7.000 | 1.250 | 15° | |
| S12Q-NTSIR16-46 | | 16 | 0.800 | 0.750 | 0.460 | 0.670 | 7.000 | 1.500 | 15° | |
| S12Q-NTSIR16-51 | | 16 | 0.900 | 0.750 | 0.510 | 0.670 | 7.000 | 1.500 | 15° | |
| S16R-NTSIL16-65 | | 16 | 1.200 | 1.000 | 0.650 | 0.900 | 8.000 | 1.750 | 15° | |
| S16R-NTSIR16-65 | | 16 | 1.200 | 1.000 | 0.650 | 0.900 | 8.000 | 1.750 | 15° | |
| S20S-NTSIL16-65 | | 16 | 1.200 | 1.250 | 0.650 | 1.120 | 10.000 | 2.500 | 15° | |
| S20S-NTSIR16-65 | | 16 | 1.200 | 1.250 | 0.650 | 1.120 | 10.000 | 2.500 | 15° | |
| S20S-NTSIR16-77 | | 16 | 1.450 | 1.250 | 0.770 | 1.120 | 10.000 | 2.500 | 15° | |
| S24T-NTSIR16-90 | | 16 | 1.650 | 1.500 | 0.900 | 1.340 | 12.000 | 2.500 | 15° | |
| S12Q-NTSIR22-59 | | 22 | 1.000 | 0.750 | 0.590 | 0.670 | 7.000 | 2.000 | 15° | NTS-I . -22 .. |
| S16R-NTSIR22-71 | | 22 | 1.250 | 1.000 | 0.710 | 0.900 | 8.000 | 1.750 | 15° | |
| S20S-NTSIR22-85 | | 22 | 1.500 | 1.250 | 0.850 | 1.120 | 10.000 | 2.500 | 15° | |
| S24T-NTSIR22-98 | | 22 | 1.750 | 1.500 | 0.980 | 1.340 | 12.000 | 2.500 | 15° | |

Bodies and assembly parts are included in the scope of delivery

Assembly parts

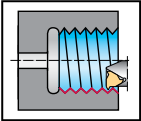
| Type D_{min} [inch] | NTS-I . -16 .. 0.67–0.8 | NTS-I . -16 .. 0.9–1.65 | NTS-I . -16 .. 1.2 | NTS-I . -22 .. 1 | NTS-I . -22 .. 1.25–1.75 | |
|--------------------------|--|----------------------------|---------------------------|---------------------------|-----------------------------|---------------------------|
| | Left shim | | YI3 | | | |
| | Right shim | | YE3 | YE3 | YE4 | |
| | Clamping screw for threading insert Tightening torque | FS2175 (T10) 1.254 lbs | FS2177 (T10) 1.254 lbs | FS2177 (T10) 1.254 lbs | FS2176 (T20) 2.803 lbs | FS2178 (T20) 2.803 lbs |
| | Clamping screw + washer for shim | | FS2179 (T10) | FS2179 (T10) | | FS2180 (T20) |
| | Torx key | FS1050 (T10) | FS1050 (T10) | FS1050 (T10) | FS256 (T20) | FS256 (T20) |

Boring bar – Internal thread

C...-NTS-SI mm

Walter NTS

- Standard position
- Walter Capto™



A3

| Tool | Designation | | D_{min} mm | d_2 mm | d_1 | f mm | l_4 mm | l_{16} mm | Type |
|--|--------------------|----|-----------------|-------------|-------|---------|-------------|----------------|----------------|
| Walter Capto™ in acc. with ISO 26623 | C4-NTS-SIL22090-16 | 16 | 40 | 32 | C4 | 22 | 90 | 69 | NTS-I . -16 .. |
| | C4-NTS-SIR22090-16 | 16 | 40 | 32 | C4 | 22 | 90 | 69 | |
| | C5-NTS-SIL22090-16 | 16 | 40 | 32 | C5 | 22 | 90 | 68 | |
| | C5-NTS-SIR22090-16 | 16 | 40 | 32 | C5 | 22 | 90 | 68 | |
| | C6-NTS-SIL22090-16 | 16 | 40 | 32 | C6 | 22 | 90 | 64 | |
| | C6-NTS-SIR22090-16 | 16 | 40 | 32 | C6 | 22 | 90 | 64 | |
| | C4-NTS-SIL27080-16 | 16 | 50 | 39.5 | C4 | 27 | 80 | 60 | NTS-I . -22 .. |
| | C4-NTS-SIR27080-16 | 16 | 50 | 39.5 | C4 | 27 | 80 | 60 | |
| | C5-NTS-SIL27105-16 | 16 | 50 | 40 | C5 | 27 | 105 | 84 | |
| | C5-NTS-SIR27105-16 | 16 | 50 | 40 | C5 | 27 | 105 | 84 | |
| | C6-NTS-SIL27105-16 | 16 | 50 | 40 | C6 | 27 | 105 | 80 | |
| | C6-NTS-SIR27105-16 | 16 | 50 | 40 | C6 | 27 | 105 | 80 | |
| C6-NTS-SIL22090-22 | 22 | 40 | 31.5 | C6 | 22 | 90 | 64 | NTS-I . -22 .. | |
| C6-NTS-SIR22090-22 | 22 | 40 | 31.5 | C6 | 22 | 90 | 64 | | |
| C6-NTS-SIL27105-22 | 22 | 50 | 40 | C6 | 27 | 105 | 80 | | |
| C6-NTS-SIR27105-22 | 22 | 50 | 40 | C6 | 27 | 105 | 80 | | |

The toolholders listed are designed for an inclination angle of 1.5° | Bodies and assembly parts are included in the scope of delivery

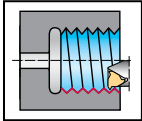
| Assembly parts | | NTS-I . -16 .. | NTS-I . -22 .. |
|----------------|--|------------------------|------------------------|
| | Left shim | YI3 | YI4 |
| | Right shim | YE3 | YE4 |
| | Clamping screw for threading insert Tightening torque | FS2177 (T10) 1.7 Nm | FS2178 (T20) 3.8 Nm |
| | Clamping screw + washer for shim | FS2179 (T10) | FS2180 (T20) |
| | Torx key | FS1050 (T10) | FS256 (T20) |

Replaceable head – Internal thread

 T1820-Q...-P mm

Walter NTS

- QuadFit
- Precision cooling









A3

| Tool | Designation | | d_1 | D_{min} mm | f mm | l_4 mm | β | Type |
|------------------|------------------|-----|-------|-----------------|-----------|-------------|----------------|----------------|
| | T1820-Q25R-16I-P | 16 | Q25 | 29 | 16.3 | 25 | 1° | NTS-I.. -16 .. |
| | T1820-Q32R-16I-P | 16 | Q32 | 36 | 19.8 | 32 | 1° | |
| | T1820-Q32R-22I-P | 22 | Q32 | 38 | 21.3 | 32 | 1° | NTS-I.. -22 .. |
| | T1820-Q40R-16I-P | 16 | Q40 | 44 | 23.8 | 32 | 1° | NTS-I.. -16 .. |
| | T1820-Q40R-22I-P | 22 | Q40 | 46 | 25.3 | 32 | 1° | NTS-I.. -22 .. |
| | T1820-Q50R-16I-P | 16 | Q50 | 54 | 28.8 | 32 | 1° | NTS-I.. -16 .. |
| | T1820-Q25L-16I-P | 16 | Q25 | 29 | 16.3 | 25 | 1° | NTS-I.. -16 .. |
| | T1820-Q32L-16I-P | 16 | Q32 | 36 | 19.8 | 32 | 1° | |
| | T1820-Q32L-22I-P | 22 | Q32 | 38 | 21.3 | 32 | 1° | NTS-I.. -22 .. |
| | T1820-Q40L-16I-P | 16 | Q40 | 44 | 23.8 | 32 | 1° | NTS-I.. -16 .. |
| | T1820-Q40L-22I-P | 22 | Q40 | 46 | 25.3 | 32 | 1° | NTS-I.. -22 .. |
| | T1820-Q50L-16I-P | 16 | Q50 | 54 | 28.8 | 32 | 1° | NTS-I.. -16 .. |
| T1820-Q50L-22I-P | 22 | Q50 | 56 | 30.3 | 32 | 1° | NTS-I.. -22 .. | |

The maximum recommended coolant pressure is 150 bar (2175 psi) | Bodies and assembly parts are included in the scope of delivery

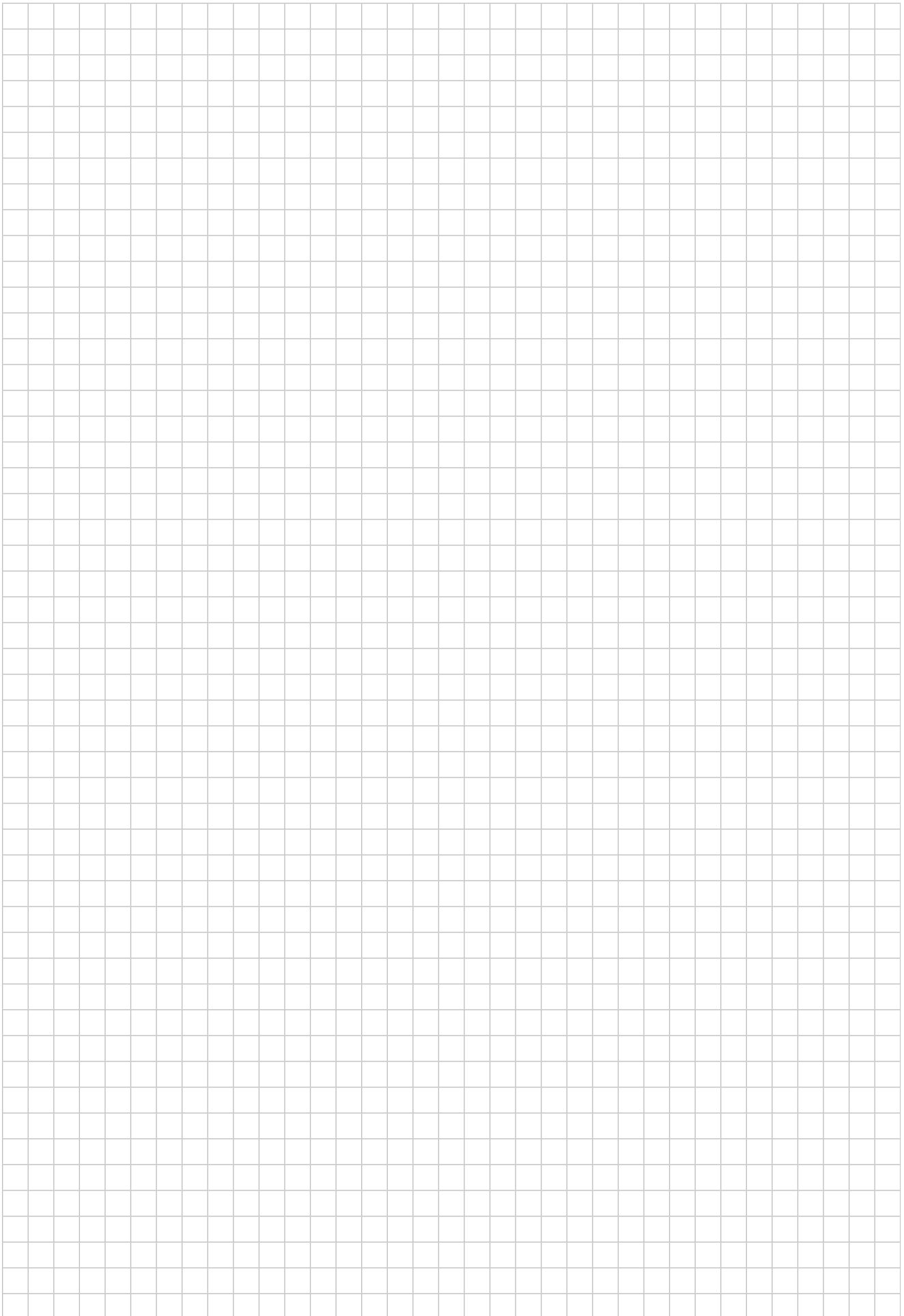
Assembly parts

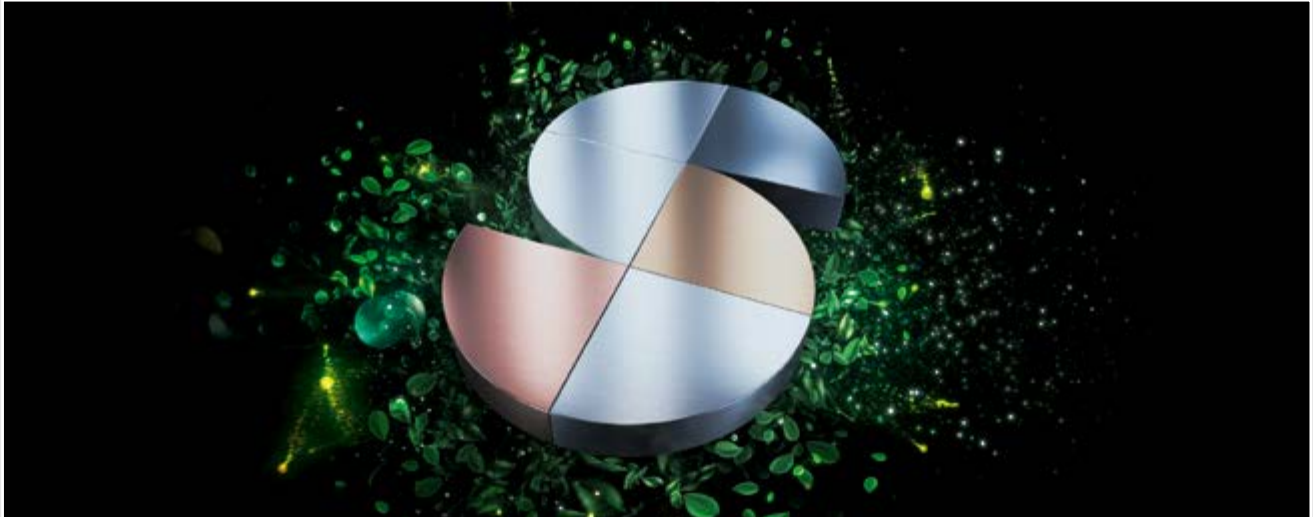
| | Type | NTS-I.. -16 .. | NTS-I.. -22 .. |
|--|----------------|----------------|----------------|
| | Shim | GXA16-1 | NXA22-1 |
| | Clamping screw | FS2615 (T15IP) | FS2616 (T25IP) |
| | Lever | KN129 | KN130 |
| | Pin | RS123 | RS124 |
| | Torx key | FS1465 (T15IP) | |
| | Allen key | | FS1592 (T25IP) |

| Accessories | | | |
|---|------|----------------|----------------|
| | Type | NTS-I . -16 .. | NTS-I . -22 .. |
|  | Shim | GXA16-0 | NXA22-0 |
|  | Shim | GXA16-2 | NXA22-2 |
|  | Shim | GXA16-3 | NXA22-3 |
|  | Shim | GXA16-4 | NXA22-4 |
|  | Shim | GXA16-98 | NXA22-98 |
|  | Shim | GXA16-99 | NXA22-99 |

A3

A3





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 CO₂ 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

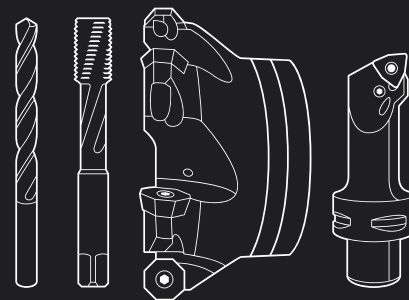
Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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
facebook.com/waltertools
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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
