

ISO TOOL™

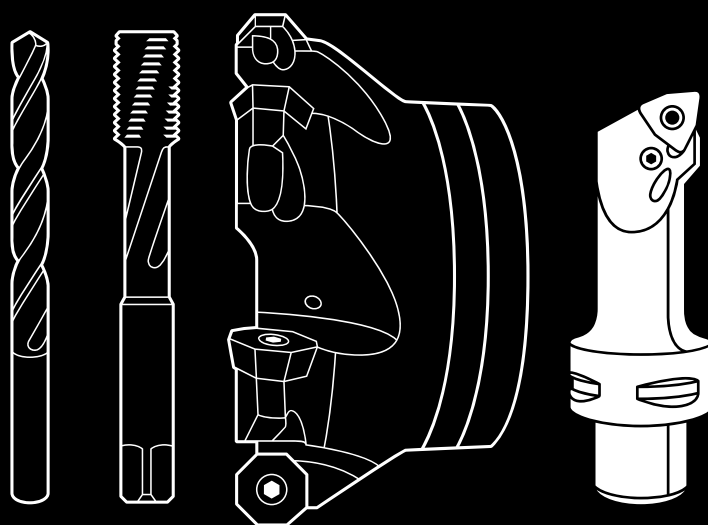
WALTER
Engineering Kompetenz

Tools for turning, grooving
and thread turning

General Catalogue A
Edition 2025

— 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 catalogues 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 catalogue



Tool-specific search

You can find products in the Walter online catalogue 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	12	22
ISO indexable inserts – Positive basic shape	15	40
Inserts copy turning system – WL	18	63
ISO indexable inserts – CBN/PCD/ceramic	19	67
Walter Turn turning tools – External machining	Program	Order pages
Shank tools – Negative basic shape	89	110
Shank tools – Positive basic shape	95	166
Shank tool – WL copy turning system	99	204
Shank tool – Ceramic indexable inserts	101	211
Walter Capto™ turning toolholders	102	215
Walter Capto™ – WL copy turning system	107	251
Walter Capto™ – Negative basic shape, ceramic	108	253
Walter Capto™ turning toolholders – Turning and milling centres	109	254
Walter Turn turning tools – Internal machining	Program	Order pages
Boring bars – Negative basic shape	260	276
Boring bars – Positive basic shape	262	293
Boring bars – WL copy turning system	266	326
Boring bar adaptor	267	332
Boring bars – Walter Capto™	268	333
Vibration-damped boring bar adaptor – Accuretec	270	345
Boring bars – QuadFit exchangeable head	271	353

A2 - Grooving

Cutting inserts	Program	Order pages
Single-, double- and multi-edged cutting inserts	366	376
Single-edged interchangeable heads	374	415
Grooving tools	Program	Order pages
Shank tools/parting blades	434	451
Walter Capto™ groove turning holders	445	580
Boring bars	447	591
QuadFit exchangeable head	449	603

A3 - Thread turning

Indexable inserts	Program	Order pages
Indexable inserts	610	613
Walter TS threading tools	Program	Order pages
Walter TS threading tools	637	640

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.

Drivox-tec™

Drivox-tec™ drilling tools made of solid carbide or HSS are characterized by high performance, quality, and process reliability. They combine many decades of technological developments at Walter and represent the latest evolution in holemaking. Both in terms of macro and micro geometries, such as flute profiles and edge preparation, and in terms of manufacturing and coating technologies.

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

Thrill-tec®

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

Walter BLAXX

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

Walter Xpress

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

Walter Precision XT

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

Walter Boring XT

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

XD Technology

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

Xill-tec®

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

Xtra-tec®

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

Xtra-tec® XT

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



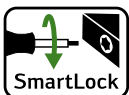
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly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



WedgeFit is an interface for grooving and turning applications. Its double wedge enables the cutting forces to be absorbed not only by the clamping screw, but also by the two wedges. In addition to simple, fast handling, this ensures exceptionally high stability and rigidity. Over 1,000 possible combinations of module and support tool maximise the flexibility of the System.

Groov-tec™ To the max.



walter-tools.com

 **WALTER**
Engineering Kompetenz

How to use Walter GPS

As the market's leading software solution for finding tools and calculating cutting data, Walter GPS offers you many functions that will help you in your day-to-day work: For production on the machine, as good starting values for programming, for process and component planning and much more – the journey from component to production couldn't be quicker. The reason?

➤ **With the GPS cutting data, you can start production immediately!**

SEARCH PRODUCT-RELATED

Would you like to use a specific tool or an existing tool? Do you know the application and material, but don't know what cutting data you should work with? Or do you want to know whether your tool can do this?

Walter GPS gives you the answer in just a few clicks: In the form of cutting data, data models and much more.

SEARCH APPLICATION-RELATED

Do you know your application and your material, but don't know which tool solution is best for it?

Walter GPS suggests one or more solutions – and you choose the best one for you. And that's not all – this also works for indexable insert tools; Walter GPS even puts together different combinations of body and inserts for these!

Enter specific **tool**

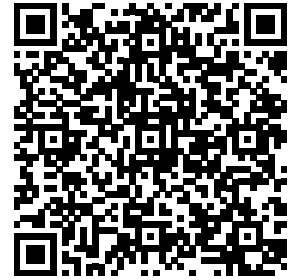
Select **material**
and ...
... application

HOW WALTER GPS BENEFITS YOU

- Find the right tool solution for your machining task – quickly and based on your machining objective (e.g. maximum cost-efficiency).
- Get reliable cutting data for your tool – calculated according to your specifications: For your tool, your application and your material.
- Ideal for calculating profitability – this allows you to determine the estimated costs in the shortest possible time.
- Benefit from helpful additional information – e.g. in the form of 2D and 3D models which you can use directly for your machine programming.
- CO₂ values for your application – divided according to machining operation and machine basic load.

Launch Walter GPS now

Your navigation system for the best machining solution



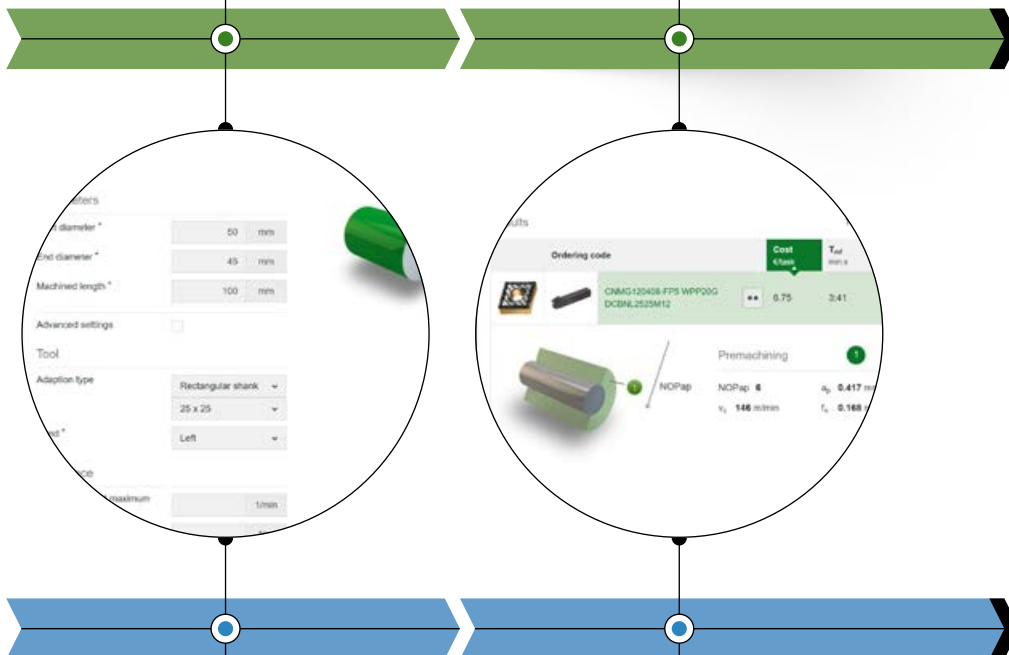
www.walter-tools.com/gps

RESULT



Enter application parameters

Tool selection



Enter application parameters

Tool selection

Walter offers you one or more possible tool solutions to choose from. In the default settings, the most cost-efficient solution is displayed. If you have a different priority (e.g. the most productive solution, the best surface quality, etc.), you can define it in advance and the tool selection will be adapted accordingly!

Walter offers you the ideal cutting data for your tool, your application and your material! So precise that you can use it immediately for your application or programming! And, of course, you can find out whether your tool is suitable for the application. If it isn't, use the "Application-related search" to immediately find a suitable alternative – in no time at all and with the option to order it directly!

The structure of the new Walter General Catalogue

The new Walter General Catalogue 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	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 _p [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	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 _p [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.



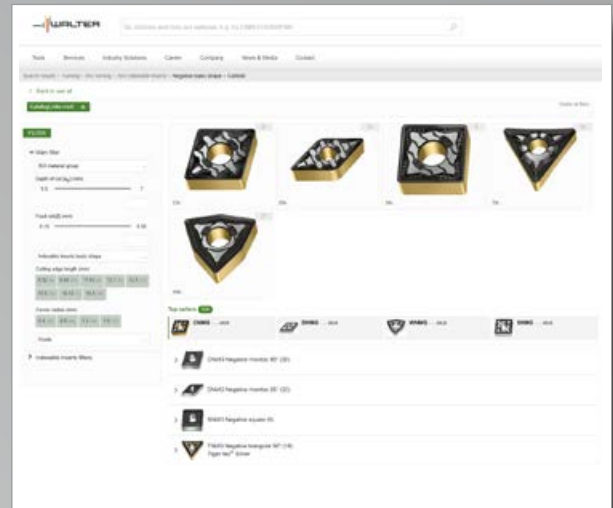
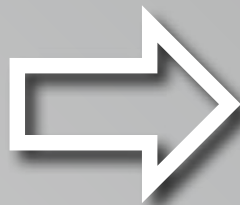
Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

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



MU5

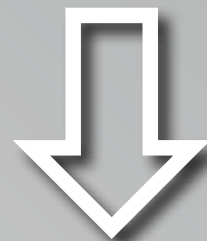


Direct link

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

www.walter-tools.com/woc/MU5.

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



Detailed overview of product data

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

Negative Trigon 80°

WNMG

Contact

Print

Image viewer

Switch to inch values ☐

Column selection

Designation

d

mm

r

mm

f

mm

A₁

mm

Materials

P

M

K

N

S

H

O

0.5 - 12.7 0.4 - 1.6 0.15 - 0.55 0.5 - 5

-MUS (27)

P M K N

WNMG090408.MUS VPP205

Availability

0.5 0.8 0.15-0.35 0.6-3

WNMG090408.MUS VSN205

Availability

0.5 0.8 0.15-0.35 0.6-3

WNMG090408.MUS VPP105

Availability

0.5 0.8 0.15-0.35 0.6-3

WNMG090408.MUS VNP205

Availability

0.5 0.8 0.15-0.35 0.6-3

WNMG090408.MUS VPP200

Availability

0.5 0.8 0.15-0.35 0.6-3

WNMG090408.MUS VPP100

Availability

0.5 0.8 0.15-0.35 0.6-3

WNMG080412.MUS VPP200

Availability

12.7 1.2 0.2-0.5 1-5

WNMG090408.MUS VNP205

Availability

12.7 0.8 0.15-0.4 0.6-6

WNMG080404.MUS VSN205

Availability

12.7 0.4 0.15-0.3 0.5-4

WNMG080404.MUS VSN205

Availability

12.7 0.4 0.15-0.3 0.5-4

WNMG080404.MUS VPP105

Availability

12.7 0.4 0.15-0.3 0.5-4

ISO indexable inserts – Negative basic shape

Machining	Finishing operation				Medium machining
	 Wiper				 Wiper
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 [mm]	0,3–3,0	0,1–2,0	0,1–2,0	0,08–2,5	0,8–4,0
f [mm]	0,10–0,65	0,03–0,25	0,04–0,20	0,04–0,28	0,15–0,70
Page in catalogue	22	22	22	22	22
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 [mm]	0,5–4,0	0,5–3,5	0,2–5,0	0,4–4,0	0,3–3,5
f [mm]	0,05–0,40	0,08–0,45	0,02–0,50	0,08–0,32	0,06–0,40
Page in catalogue	22	23	22	23	23
QR code					
www.walter-tools.com/woc/	MN3	NMS	MS3	NMT	MP3

WALTER SELECT

●● Primary application ● Other application

ISO indexable inserts – Negative basic shape

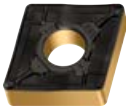
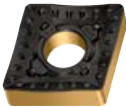
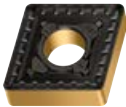
Machining	Medium machining				Roughing
					
Geometry	MM5	MP5	MU5	MK5	NRS
Indexable inserts basic shape	C, D, S, T, V, W	C, D, S, T, V, W	C, D, S, T, W	C, D, S, T, V, W	C, D, S, T, W
P Steel	●	●●	●●	●	
M Stainless steel	●●		●●		●
K Cast iron		●	●	●●	
N NF metals					
S Materials with difficult cutting properties	●●		●		●●
H Hard materials					
O Other					
a_p [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	23	23	23	24	24
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 [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	24	24	25	25	25
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 [mm]	0,8–8,0	0,8–12,0	1,0–12,0	1,5–17,0
f [mm]	0,20–0,80	0,25–1,20	0,25–1,20	0,40–1,60
Page in catalogue	26	26	26	26
QR code				
www.walter-tools.com/woc/	RK7	HU3	HU5	HU7

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

Machining	Finishing operation				
	 Wiper				
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 [mm]	0,1–2,5	0,1–1,5	0,12–3,5	0,1–3,5	0,1–3,0
f [mm]	0,03–0,50	0,04–0,20	0,02–0,30	0,02–0,30	0,01–0,30
Page in catalogue	40	40	40	40	40
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 [mm]	0,05–2,5	0,1–5,0	0,1–5,0	0,3–2,5	0,3–2,5
f [mm]	0,02–0,25	0,02–0,40	0,02–0,40	0,08–0,32	0,06–0,32
Page in catalogue	40	41	41	41	41
QR code					
www.walter-tools.com/woc/	FX4	FM4	FP4	FM6	FP6

WALTER SELECT

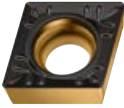
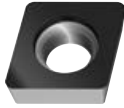
●● Primary application ● Other application

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

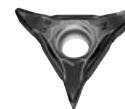
Machining	Finishing operation	Medium machining			
		 Wiper			
Geometry	FK6	MW4	MN2	MM4	MP4
Indexable inserts basic shape	C, D, S, T, V	C, D, T	C, D, R, S, T, V, W	C, D, S, T, V, W	C, D, S, T, V, W
P Steel	●	●●	●	●	●●
M Stainless steel	●	●●	●	●●	●
K Cast iron	●●	●●	●	●	●
N NF metals			●●		
S Materials with difficult cutting properties	●	●	●	●●	●
H Hard materials					
O Other			●		
a_p [mm]	0,3–2,5	0,5–4,5	0,5–6,0	0,1–3,5	0,3–3,5
f [mm]	0,06–0,32	0,12–0,55	0,02–0,80	0,04–0,35	0,06–0,35
Page in catalogue	41	41	42	42	42
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 [mm]	0,4–3,5	0,4–4,0	0,4–3,0	0,4–4,0	0,2–7,0
f [mm]	0,08–0,35	0,08–0,40	0,10–0,30	0,12–0,30	0,08–1,20
Page in catalogue	42	42	57	57	43
QR code					
www.walter-tools.com/woc/	MK4	MP6	GN	MR	RM4

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 [mm]	0,2–7,0	0,4–7,0	0,2–5,0	1,0–15,0
f [mm]	0,08–1,20	0,08–1,20	0,08–0,50	0,12–1,70
Page in catalogue	43	43	43	49
QR code				
www.walter-tools.com/woc/	RP4	RK4	RK6	HU6

Inserts copy turning system – WL

Machining	Finishing operation			Medium machining	
					
Geometry	FM2	FM4	FP4	MN2	MM4
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 [mm]	0,05–3,0	0,1–2,0	0,1–2,0	0,4–3,5	0,1–2,5
f [mm]	0,02–0,50	0,04–0,25	0,04–0,25	0,05–0,50	0,05–0,40
Page in catalogue	65	65	65	65	65
QR code					
www.walter-tools.com/woc/	FM2	FM4	FP4	MN2	MM4

Machining	Medium machining		Heavy machining	
				
Geometry	MP4	MU6	RM4	RP4
Indexable inserts basic shape	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 [mm]	0,1–2,5	0,5–2,5	0,4–3,0	0,4–3,0
f [mm]	0,05–0,40	0,12–0,45	0,12–0,40	0,12–0,40
Page in catalogue	65	66	65	65
QR code				
www.walter-tools.com/woc/	MP4	MU6	RM4	RP4

WALTER SELECT

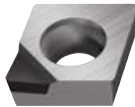
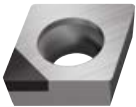
●● Primary application ● Other application

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 [mm]	0,1–1,0	0,05–2,0	0,1–0,5	0,1–1,0	0,1–1,0
f [mm]	0,05–0,25	0,02–0,30	0,05–0,20	0,05–0,30	0,05–0,30
Page in catalogue	67	67	72	67	67
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	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 [mm]	0,1–1,0	0,1–5,0	0,1–5,0	0,1–3,6	0,1–4,5
f [mm]	0,05–0,50	0,05–0,40	0,05–0,50	0,10–0,32	0,10–0,42
Page in catalogue	67	69	68	83	81
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 [mm]	0,1–6,0	0,1–1,0	0,1–1,0	0,05–4,0	0,05–4,0
f [mm]	0,10–0,80	0,05–0,30	0,05–0,35	0,03–0,38	0,03–0,38
Page in catalogue	81	82	81	77	77
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 [mm]	0,1–2,0	0,05–15,3
f [mm]	0,08–0,20	0,03–0,38
Page in catalogue	77	77
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 [mm]

0,1–2,5

 f [mm]

0,02–0,50

Page in catalogue

87

QR code

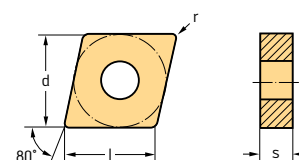

www.walter-tools.com/woc/

TM

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M				K			N		S				
						HC	HE	HC	HE	HC	HE	HC	HE	HC	HE	HC	HE	HC	HE	HC	HE	HC	HE	HC	HE
	CNMG120404-FW5	0,4	12,9	0,10–0,40	0,3–3,0	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	CNMG120408-FW5	0,8	12,9	0,15–0,60	0,4–3,0	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	CNMG120404-NFT	0,4	12,9	0,08–0,17	0,4–1,5							☺	☺										☺	☺	☺
	CNMG120408-NFT	0,8	12,9	0,10–0,20	0,5–2,0							☺	☺										☺	☺	☺
	CNGG120404-NFT	0,4	12,9	0,06–0,15	0,3–1,5																				☺
	CNGG120408-NFT	0,8	12,9	0,08–0,18	0,4–2,0																				☺
	CNMG120402-FM5	0,2	12,9	0,03–0,10	0,1–1,0							☺	☺										☺	☺	
	CNMG120404-FM5	0,4	12,9	0,05–0,15	0,2–1,5				☺	☺	☺	☺	☺									☺	☺	☺	☺
	CNMG120408-FM5	0,8	12,9	0,07–0,20	0,4–1,5			☺	☺	☺	☺	☺	☺									☺	☺	☺	☺
	CNMG120412-FM5	1,2	12,9	0,10–0,25	0,5–2,0							☺	☺										☺	☺	
	CNMG090304-FP5	0,4	9,67	0,04–0,20	0,1–1,5		☺	☺																	
	CNMG090308-FP5	0,8	9,67	0,08–0,25	0,2–2,0		☺	☺																	
	CNMG120402-FP5	0,2	12,9	0,04–0,12	0,1–0,5				☺																
	CNMG120404-FP5	0,4	12,9	0,04–0,20	0,1–1,5	☺	☺	☺		☺				☺											
	CNMG120408-FP5	0,8	12,9	0,08–0,25	0,2–2,0	☺	☺	☺		☺				☺											
	CNMG120412-FP5	1,2	12,9	0,10–0,25	0,5–2,5		☺	☺																	
	CNMG120408-MW5	0,8	12,9	0,20–0,65	0,8–4,0	☺	☺	☺	☺			☺		☺	☺										
	CNMG120412-MW5	1,2	12,9	0,25–0,70	1,5–4,0	☺	☺	☺	☺			☺		☺	☺										
	CNGG120402M-MN3	0,17	12,9	0,05–0,12	0,5–3,0													☺	☺						
	CNGG120404M-MN3	0,37	12,9	0,08–0,30	0,8–4,0													☺	☺						
	CNGG120408M-MN3	0,77	12,9	0,10–0,40	1,0–4,0													☺	☺						
	CNMG120404-MS3	0,4	12,9	0,12–0,25	0,6–3,0			☺				☺	☺	☺	☺						☺	☺	☺	☺	☺
	CNMG120408-MS3	0,8	12,9	0,15–0,30	0,8–3,0			☺	☺			☺	☺	☺	☺						☺	☺	☺	☺	☺
	CNMG120412-MS3	1,2	12,9	0,15–0,40	1,0–3,5			☺				☺	☺								☺	☺			
	CNMG190612-MS3	1,2	19,34	0,18–0,50	1,2–5,0							☺		☺							☺		☺		
	CNGG120401-MS3	0,1	12,9	0,02–0,06	0,2–2,5							☺									☺				
	CNGG120402-MS3	0,2	12,9	0,05–0,12	0,4–2,5							☺									☺				
	CNGG120404-MS3	0,4	12,9	0,10–0,25	0,6–3,0							☺									☺				
	CNGG120408-MS3	0,8	12,9	0,12–0,30	0,8–3,0							☺									☺				

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide

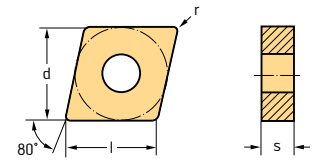
HE = Coated cermet

HW = Uncoated carbide

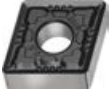
Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	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		
	CNMG120408-NMT	0,8	12,9	0,12–0,30	0,8–4,0																										
	CNMG120412-NMT	1,2	12,9	0,15–0,32	1,0–4,0																										
	CNMG120404-NMS	0,4	12,9	0,10–0,24	0,6–2,5										☹	☹	☹	☹				☹	☹	☹	☹						
	CNMG120408-NMS	0,8	12,9	0,13–0,32	0,8–3,5										☹	☹	☹	☹				☹	☹	☹	☹						
	CNMG120412-NMS	1,2	12,9	0,16–0,36	1,0–3,5										☹	☹						☹	☹								
	CNMG090304-MP3	0,4	9,67	0,06–0,20	0,3–2,2		☹	☹																							
	CNMG090308-MP3	0,8	9,67	0,10–0,28	0,6–3,0		☹	☹		☹																					
	CNMG120404-MP3	0,4	12,9	0,08–0,22	0,3–2,5		☹	☹		☹																					
	CNMG120408-MP3	0,8	12,9	0,12–0,32	0,6–3,2		☹	☹	☹		☹																				
	CNMG120412-MP3	1,2	12,9	0,16–0,40	0,8–3,5		☹	☹	☹		☹																				
	CNMG120404-MM5	0,4	12,9	0,10–0,20	0,5–3,0										☹	☹	☹	☹					☹	☹	☹						
	CNMG120408-MM5	0,8	12,9	0,15–0,32	0,8–3,0										☹	☹	☹	☹					☹	☹	☹						
	CNMG120412-MM5	1,2	12,9	0,15–0,35	0,8–3,5										☹	☹	☹	☹					☹	☹	☹						
	CNMG120416-MM5	1,6	12,9	0,15–0,40	1,0–4,0												☹	☹						☹	☹						
	CNMG160608-MM5	0,8	16,12	0,15–0,35	0,8–4,5										☹	☹	☹	☹					☹	☹	☹						
	CNMG160612-MM5	1,2	16,12	0,18–0,40	0,8–4,5										☹	☹	☹	☹					☹	☹	☹						
	CNMG160616-MM5	1,6	16,12	0,20–0,45	1,0–4,5												☹	☹						☹	☹						
	CNMG120404-MP5	0,4	12,9	0,16–0,25	0,5–4,0		☹	☹		☹																					
	CNMG120408-MP5	0,8	12,9	0,18–0,40	0,6–5,0		☹	☹	☹		☹							☹													
	CNMG120412-MP5	1,2	12,9	0,20–0,45	1,0–5,0		☹	☹	☹		☹																				
	CNMG120416-MP5	1,6	12,9	0,25–0,50	1,2–5,0		☹	☹	☹		☹																				
	CNMG160608-MP5	0,8	16,12	0,25–0,40	0,8–7,0		☹	☹	☹		☹																				
	CNMG160612-MP5	1,2	16,12	0,30–0,50	1,0–7,0		☹	☹	☹		☹																				
	CNMG160616-MP5	1,6	16,12	0,35–0,55	1,2–7,0		☹	☹	☹		☹																				
	CNMG120404-MU5	0,4	12,9	0,15–0,30	0,5–4,0		☹	☹								☹								☹							
	CNMG120408-MU5	0,8	12,9	0,15–0,40	0,6–5,0		☹	☹	☹	☹						☹	☹							☹							
	CNMG120412-MU5	1,2	12,9	0,20–0,50	1,0–5,0		☹	☹	☹	☹						☹	☹							☹							
	CNMG120416-MU5	1,6	12,9	0,25–0,55	1,2–5,0		☹	☹	☹																						
	CNMG160612-MU5	1,2	16,12	0,30–0,55	1,0–7,0		☹	☹	☹								☹							☹							
	CNMG160616-MU5	1,6	16,12	0,35–0,55	1,2–7,0		☹	☹	☹																						

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

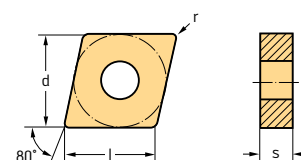
ISO indexable inserts – Negative basic shape

23

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

Designation		r mm	l mm	f mm	ap mm	P								M				K				N		S						
						HC						HE		HC				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	
	CNMG090308-MK5	0,8	9,67	0,10–0,20	0,2–3,0																									
	CNMG120404-MK5	0,4	12,9	0,16–0,25	0,6–5,0																									
	CNMG120408-MK5	0,8	12,9	0,25–0,50	0,8–5,0																									
	CNMG120412-MK5	1,2	12,9	0,30–0,50	1,2–5,0																									
	CNMG120416-MK5	1,6	12,9	0,35–0,50	1,5–5,0																									
	CNMG160608-MK5	0,8	16,12	0,25–0,50	0,8–7,0																									
	CNMG160612-MK5	1,2	16,12	0,30–0,60	1,2–7,0																									
	CNMG160616-MK5	1,6	16,12	0,35–0,60	1,5–7,0																									
	CNMG190612-MK5	1,2	19,34	0,30–0,65	1,2–8,0																									
	CNMG190616-MK5	1,6	19,34	0,35–0,80	1,5–8,0																									
	CNMG120408-NRT	0,8	12,9	0,18–0,35	1,0–6,0																									
	CNMG120412-NRT	1,2	12,9	0,20–0,40	1,2–6,0																									
	CNMG160612-NRT	1,2	16,12	0,28–0,55	1,5–7,5																									
	CNMG190616-NRT	1,6	19,34	0,35–0,70	2,0–9,0																									
	CNMG120408-NRS	0,8	12,9	0,16–0,35	1,0–4,0																									
	CNMG120412-NRS	1,2	12,9	0,18–0,40	1,2–4,0																									
	CNMG160612-NRS	1,2	16,12	0,21–0,45	1,2–6,5																									
	CNMG160616-NRS	1,6	16,12	0,23–0,50	1,5–6,5																									
	CNMG190608-NRS	0,8	19,34	0,20–0,45	1,0–8,0																									
	CNMG190612-NRS	1,2	19,34	0,23–0,50	1,2–8,5																									
	CNMG120408-RM5	0,8	12,9	0,22–0,40	1,2–4,5																									
	CNMG120412-RM5	1,2	12,9	0,25–0,50	1,5–4,5																									
	CNMG120416-RM5	1,6	12,9	0,30–0,55	2,0–4,5																									
	CNMG160608-RM5	0,8	16,12	0,22–0,45	1,2–6,0																									
	CNMG160612-RM5	1,2	16,12	0,25–0,60	1,5–6,0																									
	CNMG160616-RM5	1,6	16,12	0,30–0,65	2,0–6,0																									
	CNMG190612-RM5	1,2	19,34	0,25–0,60	1,5–7,0																									
	CNMG190616-RM5	1,6	19,34	0,30–0,80	2,0–7,0																									

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

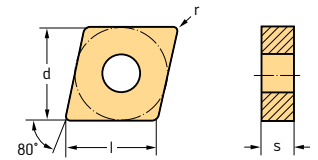
WALTER SELECT

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

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P										M					K			N		S						
						HC						HE				HC					HC			HC		HW		HC				
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WKP30S	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WKP30S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	WS10			
	CNMG120408-RP5	0,8	12,9	0,20–0,40	0,8–6,0	☺	☺	☺	☺	☺							☺															
	CNMG120412-RP5	1,2	12,9	0,25–0,60	1,0–6,0	☺	☺	☺	☺	☺							☺															
	CNMG120416-RP5	1,6	12,9	0,35–0,70	1,6–6,0	☺	☺	☺	☺	☺																						
	CNMG160608-RP5	0,8	16,12	0,25–0,50	1,0–8,0		☺	☺	☺	☺																						
	CNMG160612-RP5	1,2	16,12	0,35–0,65	1,2–8,0	☺	☺	☺	☺	☺																						
	CNMG160616-RP5	1,6	16,12	0,40–0,70	1,6–8,0	☺	☺	☺	☺	☺																						
	CNMG160624-RP5	2,4	16,12	0,40–0,90	2,0–8,0		☺	☺																								
	CNMG190608-RP5	0,8	19,34	0,25–0,50	1,0–10,0		☺	☺	☺	☺																						
	CNMG190612-RP5	1,2	19,34	0,30–0,70	1,2–10,0	☺	☺	☺	☺	☺																						
	CNMG190616-RP5	1,6	19,34	0,35–0,80	1,6–10,0	☺	☺	☺	☺	☺																						
	CNMG190624-RP5	2,4	19,34	0,45–1,00	2,0–10,0		☺	☺																								
	CNMG250924-RP5	2,4	25,79	0,45–1,20	2,0–12,0			☺																								
	CNMG120408-RP7	0,8	12,9	0,18–0,40	0,8–5,0		☺	☺	☺	☺	☺																					
	CNMG120412-RP7	1,2	12,9	0,25–0,50	1,2–5,0	☺	☺	☺	☺	☺	☺																					
	CNMG120416-RP7	1,6	12,9	0,35–0,50	1,5–5,0		☺	☺	☺	☺																						
	CNMG160608-RP7	0,8	16,12	0,30–0,50	0,8–6,0		☺	☺	☺	☺																						
	CNMG160612-RP7	1,2	16,12	0,35–0,60	1,2–6,0	☺	☺	☺	☺	☺	☺																					
	CNMG160616-RP7	1,6	16,12	0,40–0,60	1,5–6,0	☺	☺	☺	☺	☺	☺																					
	CNMG190612-RP7	1,2	19,34	0,35–0,60	1,2–7,0		☺	☺	☺	☺	☺																					
	CNMG190616-RP7	1,6	19,34	0,35–0,75	1,5–7,0	☺	☺	☺	☺	☺	☺																					
	CNMG250924-RP7	2,4	25,79	0,45–1,00	3,0–9,0			☺		☺																						
	CNMA120404-RK5	0,4	12,9	0,16–0,25	0,6–5,0												☺	☺														
	CNMA120408-RK5	0,8	12,9	0,25–0,50	0,8–5,0							☺						☺	☺													
	CNMA120412-RK5	1,2	12,9	0,30–0,50	1,2–5,0													☺	☺													
	CNMA120416-RK5	1,6	12,9	0,35–0,70	1,5–5,0													☺	☺													
	CNMA160612-RK5	1,2	16,12	0,35–0,70	1,2–7,0													☺	☺													
	CNMA160616-RK5	1,6	16,12	0,35–0,80	1,5–7,0													☺	☺													
	CNMA190612-RK5	1,2	19,34	0,30–0,65	1,2–8,0														☺													
	CNMA190616-RK5	1,6	19,34	0,35–0,80	1,5–8,0														☺													
	CNMA190624-RK5	2,4	19,34	0,40–0,90	2,5–8,0														☺													

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

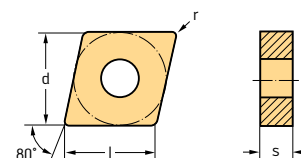
ISO indexable inserts – Negative basic shape

25

Turning Insert – Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P										M				K				N		S			
						HC										HE				HC				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
	CNMA120408-RK7	0,8	12,9	0,25–0,50	0,8–5,0														☺	☺									
	CNMA120412-RK7	1,2	12,9	0,30–0,50	1,2–5,0														☺	☺									
	CNMA120416-RK7	1,6	12,9	0,35–0,70	1,5–5,0														☺	☺									
	CNMA160612-RK7	1,2	16,12	0,35–0,70	1,2–7,0														☺	☺									
	CNMA160616-RK7	1,6	16,12	0,35–0,80	1,5–7,0														☺	☺									
	CNMA190616-RK7	1,6	19,34	0,35–0,80	1,5–8,0														☺	☺									
	CNMM120408-HU3	0,8	12,9	0,30–0,50	0,8–7,0		☺	☺	☺	☺																			
	CNMM120412-HU3	1,2	12,9	0,35–0,70	1,2–7,0		☺	☺	☺	☺																			
	CNMM120416-HU3	1,6	12,9	0,40–0,80	1,6–7,0			☺	☺																				
	CNMM160612-HU3	1,2	16,12	0,35–0,70	1,2–9,0		☺	☺	☺	☺																			
	CNMM160616-HU3	1,6	16,12	0,40–0,90	1,6–9,0		☺	☺	☺	☺																			
	CNMM160624-HU3	2,4	16,12	0,45–1,00	2,4–9,0			☺	☺																				
	CNMM190612-HU3	1,2	19,34	0,35–0,70	1,2–10,0			☺	☺	☺																			
	CNMM190616-HU3	1,6	19,34	0,40–0,90	1,6–10,0			☺	☺	☺																			
	CNMM190624-HU3	2,4	19,34	0,45–1,10	2,4–10,0				☺	☺																			
	CNMM250924-HU3	2,4	25,79	0,45–1,20	2,4–12,0				☺																				
	CNMM120408-HU5	0,8	12,9	0,25–0,55	1,0–7,0		☺	☺	☺						☺	☺	☺									☺	☺		
	CNMM120412-HU5	1,2	12,9	0,30–0,70	1,5–7,0		☺	☺	☺						☺	☺	☺									☺	☺		
	CNMM160612-HU5	1,2	16,12	0,35–0,70	1,5–9,0		☺	☺	☺						☺		☺										☺		
	CNMM160616-HU5	1,6	16,12	0,40–0,80	2,0–9,0		☺	☺									☺										☺		
	CNMM190612-HU5	1,2	19,34	0,35–0,70	1,5–10,0		☺	☺									☺										☺		
	CNMM190616-HU5	1,6	19,34	0,40–0,90	2,0–10,0		☺	☺									☺										☺		
	CNMM190624-HU5	2,4	19,34	0,45–1,00	2,0–10,0		☺	☺																					
	CNMM120412-HU7	1,2	12,9	0,40–0,80	1,5–8,0		☺	☺																					
	CNMM160612-HU7	1,2	16,12	0,50–0,90	2,0–10,0		☺	☺		☺																			
	CNMM160616-HU7	1,6	16,12	0,50–1,10	2,0–10,0		☺	☺																					
	CNMM160624-HU7	2,4	16,12	0,50–1,30	2,0–10,0		☺	☺																					
	CNMM190612-HU7	1,2	19,34	0,50–0,90	2,0–13,0		☺	☺	☺																				
	CNMM190616-HU7	1,6	19,34	0,50–1,10	2,0–13,0		☺	☺	☺																				
	CNMM190624-HU7	2,4	19,34	0,60–1,60	3,0–13,0		☺	☺	☺																				
	CNMM250924-HU7	2,4	25,79	0,60–1,60	3,0–17,0				☺	☺																			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide

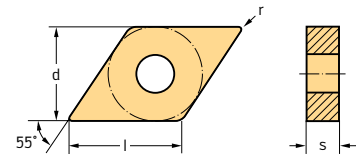
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



Indexable inserts

						P							M					K			N		S					
						HC						HE	HC					HC			HC	HW	HC					HW
Designation		r mm	l mm	f mm	a _p mm	WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	WSM01	WSM10S	WSM20S	WSM30S	WS10	
	DNMG110404-FW5	0,4	11,63	0,10–0,35	0,3–2,0	☺	☺	☺								☺		☺							☺			
	DNMG110408-FW5	0,8	11,63	0,15–0,50	0,4–2,0	☺	☺	☺								☺		☺							☺			
	DNMG150404-FW5	0,4	15,5	0,10–0,40	0,3–3,0			☺								☺									☺			
	DNMG150408-FW5	0,8	15,5	0,15–0,50	0,4–3,0			☺								☺									☺			
	DNMG150604-FW5	0,4	15,5	0,10–0,40	0,3–3,0	☺	☺	☺								☺			☺						☺			
	DNMG150608-FW5	0,8	15,5	0,15–0,50	0,4–3,0	☺	☺	☺						☺		☺			☺					☺		☺		
	DNMG150404-NFT	0,4	15,5	0,06–0,16	0,4–1,5											☺									☺			
	DNMG150604-NFT	0,4	15,5	0,06–0,16	0,4–1,5											☺									☺			
	DNMG150608-NFT	0,8	15,5	0,08–0,19	0,5–2,0											☺									☺		☺	
	DNGG150604-NFT	0,4	15,5	0,05–0,14	0,2–1,5																						☺	
	DNGG150608-NFT	0,8	15,5	0,07–0,17	0,3–2,0																						☺	
	DNMG110404-FM5	0,4	11,63	0,05–0,15	0,2–1,0					☺				☺	☺	☺							☺	☺	☺			
	DNMG110408-FM5	0,8	11,63	0,07–0,20	0,4–1,5					☺				☺	☺	☺							☺	☺	☺			
	DNMG150404-FM5	0,4	15,5	0,05–0,15	0,2–1,5					☺				☺	☺	☺							☺	☺	☺			
	DNMG150408-FM5	0,8	15,5	0,07–0,20	0,4–1,5									☺		☺							☺	☺	☺			
	DNMG150602-FM5	0,2	15,5	0,03–0,10	0,1–1,0									☺		☺							☺	☺	☺			
	DNMG150604-FM5	0,4	15,5	0,05–0,15	0,2–1,5					☺				☺	☺	☺							☺	☺	☺			
	DNMG150608-FM5	0,8	15,5	0,07–0,20	0,4–1,5					☺				☺	☺	☺							☺	☺	☺			
	DNMG110402-FP5	0,2	11,63	0,04–0,12	0,1–0,5			☺	☺			☺																
	DNMG110404-FP5	0,4	11,63	0,04–0,20	0,1–1,5	☺		☺	☺			☺						☺										
	DNMG110408-FP5	0,8	11,63	0,08–0,25	0,2–2,0	☺		☺	☺			☺						☺										
	DNMG110412-FP5	1,2	11,63	0,10–0,25	0,5–2,5			☺	☺																			
	DNMG150404-FP5	0,4	15,5	0,05–0,20	0,1–1,5	☺		☺	☺			☺						☺										
	DNMG150408-FP5	0,8	15,5	0,08–0,25	0,2–2,0	☺		☺	☺			☺						☺										
	DNMG150412-FP5	1,2	15,5	0,10–0,25	0,5–2,5			☺	☺			☺						☺										
	DNMG150604-FP5	0,4	15,5	0,05–0,20	0,1–1,5	☺		☺	☺			☺						☺						☺	☺			
	DNMG150608-FP5	0,8	15,5	0,08–0,25	0,2–2,0	☺		☺	☺			☺						☺						☺	☺			
	DNMG150612-FP5	1,2	15,5	0,10–0,25	0,5–2,5	☺		☺	☺			☺						☺										
	DNMG110408-MW5	0,8	11,63	0,15–0,50	0,8–3,0		☺	☺	☺										☺									
	DNMG110412-MW5	1,2	11,63	0,20–0,60	1,5–3,0			☺	☺										☺									
	DNMG150408-MW5	0,8	15,5	0,15–0,55	0,8–4,0			☺											☺									
	DNMG150412-MW5	1,2	15,5	0,20–0,65	1,5–4,0			☺											☺									
	DNMG150608-MW5	0,8	15,5	0,15–0,55	1,5–4,0		☺	☺	☺										☺	☺								
	DNMG150612-MW5	1,2	15,5	0,20–0,65	1,5–4,0		☺	☺	☺										☺	☺								
	DNGG110402M-MN3	0,17	11,63	0,05–0,12	0,5–2,0																☺	☺						
	DNGG110404M-MN3	0,37	11,63	0,08–0,30	0,6–3,0																☺	☺						
	DNGG150404M-MN3	0,4	15,5	0,08–0,30	0,6–3,5																☺	☺						
	DNGG150408M-MN3	0,8	15,5	0,12–0,35	0,8–3,5																☺	☺						
	DNGG150604M-MN3	0,4	15,5	0,08–0,30	0,6–3,5																☺	☺						
	DNGG150608M-MN3	0,8	15,5	0,12–0,35	0,8–3,5																☺	☺						
	DNMG110408-MS3	0,8	11,63	0,12–0,30	0,8–2,5				☺					☺	☺									☺	☺			
	DNMG150404-MS3	0,4	15,5	0,12–0,25	0,6–2,5									☺	☺									☺	☺			
	DNMG150408-MS3	0,8	15,5	0,15–0,30	0,8–2,5									☺	☺									☺	☺			
	DNMG150604-MS3	0,4	15,5	0,12–0,25	0,6–2,5									☺	☺									☺	☺			
	DNMG150608-MS3	0,8	15,5	0,15–0,30	0,8–2,5				☺					☺	☺									☺	☺			

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

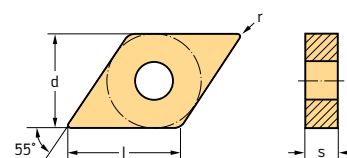
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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

ISO indexable inserts – Negative basic shape

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Tiger-tec® Gold

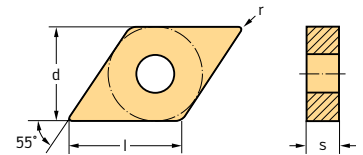


	Designation	r mm	l mm	f mm	ap mm	P						M				K			N			S				
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	HC			WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	HC			WS10
														WSM10S	WMP20S	WSM20S							WSM30S	WSM10S	WSM20S	
	DNGG150402-MS3	0,2	15,5	0,05–0,12	0,4–2,0								☞								☞					
	DNGG150404-MS3	0,4	15,5	0,10–0,25	0,6–2,5								☞								☞					
	DNGG150408-MS3	0,8	15,5	0,12–0,30	0,8–2,5								☞								☞					
	DNMG110404-NMT	0,4	11,63	0,08–0,22	0,4–2,5										☞									☞		
	DNMG110408-NMT	0,8	11,63	0,12–0,28	0,6–3,2										☞									☞		
	DNMG150408-NMT	0,8	15,5	0,12–0,28	0,6–4,0										☞									☞		☞
	DNMG150608-NMT	0,8	15,5	0,12–0,28	0,6–4,0										☞									☞		☞
	DNMG150612-NMT	1,2	15,5	0,15–0,30	0,8–4,0										☞										☞	☞
	DNMG150404-NMS	0,4	15,5	0,09–0,22	0,6–2,5									☞		☞								☞		
	DNMG150408-NMS	0,8	15,5	0,11–0,30	0,8–3,5								☞	☞		☞							☞	☞	☞	
	DNMG150604-NMS	0,4	15,5	0,09–0,22	0,6–2,5								☞	☞		☞							☞	☞	☞	
	DNMG150608-NMS	0,8	15,5	0,11–0,30	0,8–3,5								☞	☞		☞	☞						☞	☞	☞	☞
	DNMG110404-MP3	0,4	11,63	0,08–0,22	0,3–2,2			☞	☞																	
	DNMG110408-MP3	0,8	11,63	0,12–0,32	0,6–3,0		☞	☞	☞		☞															
	DNMG110412-MP3	1,2	11,63	0,16–0,40	0,8–3,2			☞	☞																	
	DNMG150404-MP3	0,4	15,5	0,08–0,22	0,3–2,5			☞	☞																	
	DNMG150408-MP3	0,8	15,5	0,12–0,32	0,6–3,2		☞	☞	☞		☞															
	DNMG150412-MP3	1,2	15,5	0,16–0,40	0,8–3,5		☞	☞	☞		☞															
	DNMG150604-MP3	0,4	15,5	0,08–0,22	0,3–2,5			☞	☞		☞															
	DNMG150608-MP3	0,8	15,5	0,12–0,32	0,6–3,2		☞	☞	☞		☞															
	DNMG150612-MP3	1,2	15,5	0,16–0,40	0,8–3,5		☞	☞	☞																	
	DNMG110404-MM5	0,4	11,63	0,10–0,18	0,5–2,0					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG110408-MM5	0,8	11,63	0,15–0,25	0,8–3,0					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG150404-MM5	0,4	15,5	0,10–0,18	0,5–2,5					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG150408-MM5	0,8	15,5	0,15–0,25	0,8–3,0					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG150412-MM5	1,2	15,5	0,18–0,30	0,8–3,0											☞								☞		
	DNMG150604-MM5	0,4	15,5	0,10–0,18	0,5–2,5					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG150608-MM5	0,8	15,5	0,15–0,25	0,8–3,0					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG150612-MM5	1,2	15,5	0,18–0,30	0,8–3,0					☞				☞	☞	☞	☞						☞	☞	☞	
	DNMG110404-MP5	0,4	11,63	0,16–0,25	0,5–4,0			☞	☞		☞															
	DNMG110408-MP5	0,8	11,63	0,18–0,35	0,6–4,0			☞	☞	☞		☞														
	DNMG110412-MP5	1,2	11,63	0,20–0,40	1,0–4,0				☞	☞		☞														
	DNMG150404-MP5	0,4	15,5	0,16–0,25	0,5–4,0				☞	☞		☞														
	DNMG150408-MP5	0,8	15,5	0,18–0,35	0,6–5,0		☞	☞	☞		☞															
	DNMG150412-MP5	1,2	15,5	0,20–0,40	1,0–5,0		☞	☞	☞		☞															
	DNMG150604-MP5	0,4	15,5	0,16–0,25	0,5–4,0			☞	☞		☞															
	DNMG150608-MP5	0,8	15,5	0,18–0,35	0,6–5,0		☞	☞	☞		☞															
	DNMG150612-MP5	1,2	15,5	0,20–0,40	1,0–5,0		☞	☞	☞		☞															
	DNMG150616-MP5	1,6	15,5	0,25–0,45	1,2–5,0			☞	☞																	
	DNMG110408-MU5	0,8	11,63	0,18–0,35	0,6–4,0					☞					☞	☞									☞	
	DNMG150408-MU5	0,8	15,5	0,18–0,35	0,6–5,0		☞	☞	☞	☞					☞	☞	☞								☞	
	DNMG150608-MU5	0,8	15,5	0,18–0,35	0,6–5,0		☞	☞	☞	☞					☞	☞	☞								☞	
	DNMG150612-MU5	1,2	15,5	0,20–0,45	1,0–5,0		☞	☞	☞	☞					☞											
	DNMG150616-MU5	1,6	15,5	0,25–0,50	1,2–5,0			☞	☞																	

Turning Insert – Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P							M					K			N		S				
						HC				HE						HC			HC	HC	HW						
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S	WS10
	DNMG110404-MK5	0.4	11.63	0.15–0.25	0.6–4.0													☺	☺	☺							
	DNMG110408-MK5	0.8	11.63	0.15–0.40	0.6–4.0													☺	☺	☺							
	DNMG110412-MK5	1.2	11.63	0.20–0.50	1.0–4.0													☺	☺	☺							
	DNMG150408-MK5	0.8	15.5	0.20–0.45	0.8–5.0													☺	☺	☺	☺						
	DNMG150412-MK5	1.2	15.5	0.25–0.45	1.2–5.0													☺	☺	☺	☺						
	DNMG150608-MK5	0.8	15.5	0.25–0.45	0.8–5.0													☺	☺	☺	☺						
	DNMG150612-MK5	1.2	15.5	0.30–0.45	1.2–5.0													☺	☺	☺	☺						
DNMG150616-MK5	1.6	15.5	0.35–0.45	1.6–5.0													☺										
	DNMG150408-NRS	0.8	15.5	0.13–0.32	1.0–4.0									☺			☺						☺	☺			
	DNMG150608-NRS	0.8	15.5	0.13–0.32	1.0–4.0					☺				☺	☺	☺						☺	☺				
	DNMG150612-NRS	1.2	15.5	0.15–0.35	1.2–4.0									☺			☺					☺	☺				
	DNMG110408-RM5	0.8	11.63	0.20–0.40	1.2–3.5					☺						☺	☺	☺						☺	☺		
	DNMG110412-RM5	1.2	11.63	0.25–0.50	1.5–3.5					☺						☺	☺	☺						☺	☺		
	DNMG150408-RM5	0.8	15.5	0.20–0.40	1.2–4.0					☺						☺	☺	☺	☺				☺	☺			
	DNMG150608-RM5	0.8	15.5	0.20–0.40	1.2–4.0					☺				☺	☺	☺	☺				☺	☺	☺	☺			
	DNMG150612-RM5	1.2	15.5	0.25–0.50	1.5–4.0					☺						☺	☺	☺	☺				☺	☺			
	DNMG110408-RP5	0.8	11.63	0.18–0.35	0.8–4.0				☺	☺	☺		☺														
	DNMG110412-RP5	1.2	11.63	0.20–0.40	1.0–4.0				☺	☺	☺	☺	☺														
	DNMG150408-RP5	0.8	15.5	0.18–0.35	0.8–5.0				☺	☺	☺	☺	☺														
	DNMG150412-RP5	1.2	15.5	0.20–0.40	1.0–5.0					☺	☺	☺	☺														
	DNMG150608-RP5	0.8	15.5	0.15–0.35	0.8–5.0				☺	☺	☺	☺	☺														
	DNMG150612-RP5	1.2	15.5	0.20–0.55	1.0–5.0				☺	☺	☺	☺	☺														
	DNMG150616-RP5	1.6	15.5	0.25–0.65	1.6–5.0				☺	☺	☺	☺	☺														
	DNMA110404-RK5	0.4	11.63	0.16–0.25	0.6–4.0													☺									
	DNMA110408-RK5	0.8	11.63	0.18–0.40	0.6–4.0													☺									
	DNMA150408-RK5	0.8	15.5	0.15–0.50	0.8–4.0													☺	☺								
	DNMA150412-RK5	1.2	15.5	0.20–0.60	1.5–4.0													☺		☺							
	DNMA150608-RK5	0.8	15.5	0.20–0.45	0.8–5.0													☺	☺	☺							
	DNMA150612-RK5	1.2	15.5	0.25–0.45	1.2–5.0													☺	☺	☺							
	DNMA150608-RK7	0.8	15.5	0.20–0.45	0.8–5.0													☺									
	DNMA150612-RK7	1.2	15.5	0.25–0.45	1.2–5.0													☺									
	DNMM150608-HU3	0.8	15.5	0.25–0.45	0.8–5.0				☺	☺		☺															
	DNMM150612-HU3	1.2	15.5	0.30–0.50	1.2–5.0				☺	☺		☺															
	DNMM150616-HU3	1.6	15.5	0.35–0.60	1.6–5.0				☺	☺	☺																
	DNMM150608-HU5	0.8	15.5	0.25–0.45	1.0–5.0				☺																		
	DNMM150612-HU5	1.2	15.5	0.30–0.50	1.5–5.0				☺	☺					☺												

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

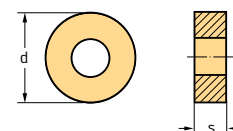
ISO indexable inserts – Negative basic shape

29

Turning Insert – Negative round

RNMG / RNMA

Tiger-tec® Gold



Indexable inserts

Designation	d mm	s mm	f mm	a _p mm	P	K	S
					HC	HC	HW
 RNMG120400-RP5	12,7	4,76	0,20–0,60	1,2–5,0	WPP20G	WKK20S	WS10
 RNMA120400-RK5	12,7	4,76	0,15–0,60	1,2–4,0			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: RNMG120400-RP5 WPP20G

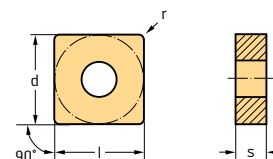
HC = Coated carbide

HW = Uncoated carbide

Turning Insert – Negative square

SNMG / SNMA / SNMM

Tiger-tec® Gold



Indexable inserts

Designation		r mm	l mm	f mm	a _p mm	P					M					K		S			
						HC					HC					HC		HC			
						WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WKP30S	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S
	SNMG120404-FM5	0.4	12.7	0.05–0.15	0.2–1.5							☺		☺				☺	☺		
	SNMG120408-FM5	0.8	12.7	0.07–0.20	0.4–1.5							☺		☺				☺	☺		
	SNMG120412-FM5	1.2	12.7	0.10–0.25	0.5–2.0				☺					☺							
	SNMG090308-FP5	0.8	9.53	0.06–0.20	0.2–1.5		☺	☺													
	SNMG120404-FP5	0.4	12.7	0.04–0.22	0.1–1.8		☺	☺													
	SNMG120408-FP5	0.8	12.7	0.08–0.25	0.2–2.0		☺	☺													
	SNMG120412-FP5	1.2	12.7	0.10–0.25	0.5–2.5			☺													
	SNMG090308-MP3	0.8	9.53	0.10–0.32	0.6–3.0		☺	☺													
	SNMG120404-MP3	0.4	12.7	0.08–0.25	0.3–2.5			☺													
	SNMG120408-MP3	0.8	12.7	0.12–0.35	0.6–3.2		☺	☺		☺											
	SNMG120412-MP3	1.2	12.7	0.16–0.40	0.8–3.5		☺	☺													
	SNMG120404-MM5	0.4	12.7	0.10–0.18	0.5–2.0									☺	☺				☺	☺	
	SNMG120408-MM5	0.8	12.7	0.15–0.25	0.8–3.0				☺			☺	☺	☺	☺			☺	☺	☺	
	SNMG120412-MM5	1.2	12.7	0.18–0.30	0.8–3.5				☺			☺	☺	☺	☺			☺	☺	☺	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

HC = Coated carbide

HW = Uncoated carbide

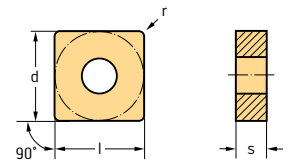
WALTER SELECT

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

Turning Insert – Negative square

SNMG / SNMA / SNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P					M				K		S			
						HC					HC				HC		HC			
						WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WKP30S	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S
	SNMG090308-MP5	0,8	9,53	0,14–0,32	0,6–3,0															
	SNMG120408-MP5	0,8	12,7	0,18–0,40	0,6–5,0															
	SNMG120412-MP5	1,2	12,7	0,20–0,45	1,0–5,0															
	SNMG120416-MP5	1,6	12,7	0,25–0,50	1,2–5,0															
	SNMG150608-MP5	0,8	15,88	0,25–0,50	0,8–8,0															
	SNMG150612-MP5	1,2	15,88	0,30–0,50	1,0–8,0															
SNMG150616-MP5	1,6	15,88	0,35–0,55	1,2–8,0																
	SNMG120408-MU5	0,8	12,7	0,18–0,45	0,6–5,0															
	SNMG090308-MK5	0,8	9,53	0,10–0,20	0,2–3,0															
	SNMG120408-MK5	0,8	12,7	0,25–0,50	0,8–5,0															
	SNMG120412-MK5	1,2	12,7	0,30–0,50	1,2–5,0															
	SNMG120416-MK5	1,6	12,7	0,35–0,50	1,5–5,0															
	SNMG150612-MK5	1,2	15,88	0,30–0,60	1,2–7,0															
	SNMG150616-MK5	1,6	15,88	0,35–0,60	1,5–7,0															
	SNMG190612-MK5	1,2	19,05	0,30–0,65	1,2–8,0															
	SNMG190616-MK5	1,6	19,05	0,35–0,80	1,5–8,0															
	SNMG120408-NMS	0,8	12,7	0,12–0,35	0,8–3,5															
	SNMG120412-NMS	1,2	12,7	0,15–0,40	0,8–3,5															
	SNMG120416-NMS	1,6	12,7	0,18–0,45	1,0–3,5															
	SNMG120412-NRT	1,2	12,7	0,25–0,50	0,8–6,0															
	SNMG150612-NRT	1,2	15,88	0,30–0,60	1,0–7,5															
	SNMG190616-NRT	1,6	19,05	0,40–0,80	1,5–9,0															
	SNMG120408-NRS	0,8	12,7	0,20–0,40	0,8–5,0															
	SNMG120412-NRS	1,2	12,7	0,22–0,45	1,0–5,0															
	SNMG150616-NRS	1,6	15,88	0,24–0,55	1,2–7,0															
	SNMG190612-NRS	1,2	19,05	0,24–0,55	1,0–9,0															
	SNMG190616-NRS	1,6	19,05	0,27–0,60	1,2–9,0															
	SNMG120408-RM5	0,8	12,7	0,20–0,40	1,2–4,5															
	SNMG120412-RM5	1,2	12,7	0,25–0,50	1,5–4,5															
	SNMG120416-RM5	1,6	12,7	0,30–0,55	2,0–4,5															
	SNMG150612-RM5	1,2	15,88	0,25–0,60	1,5–6,5															
	SNMG150616-RM5	1,6	15,88	0,30–0,55	2,0–6,5															
	SNMG190612-RM5	1,2	19,05	0,25–0,60	1,5–8,0															
	SNMG190616-RM5	1,6	19,05	0,30–0,80	2,0–8,0															
	SNMG120408-RP5	0,8	12,7	0,20–0,55	0,8–6,0															
	SNMG120412-RP5	1,2	12,7	0,25–0,65	1,0–6,0															
	SNMG120416-RP5	1,6	12,7	0,35–0,75	1,6–6,0															
	SNMG150612-RP5	1,2	15,88	0,25–0,70	1,2–8,0															
	SNMG150616-RP5	1,6	15,88	0,35–0,80	1,6–8,0															
	SNMG190612-RP5	1,2	19,05	0,30–0,70	1,2–10,0															
	SNMG190616-RP5	1,6	19,05	0,35–0,80	1,6–10,0															
	SNMG190624-RP5	2,4	19,05	0,44–1,20	2,0–10,0															
	SNMG250924-RP5	2,4	25,4	0,55–1,20	2,5–12,0															

See the ISO 1832 designation key for dimensions

Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

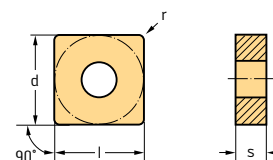
HC = Coated carbide

HW = Uncoated carbide

Turning Insert – Negative square

SNMG / SNMA / SNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P					M					K		S				HW
						HC					HC					HC		HC				
						WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WKP30S	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	
	SNMG120408-RP7	0.8	12.7	0.25–0.45	0.8–5.0																	
	SNMG120412-RP7	1.2	12.7	0.30–0.50	1.2–5.0																	
	SNMG120416-RP7	1.6	12.7	0.35–0.60	1.5–5.0																	
	SNMG150612-RP7	1.2	15.88	0.35–0.60	1.2–6.0																	
	SNMG150616-RP7	1.6	15.88	0.40–0.70	1.5–6.0																	
	SNMG190612-RP7	1.2	19.05	0.35–0.60	1.2–7.0																	
	SNMG190616-RP7	1.6	19.05	0.40–0.70	1.5–7.0																	
	SNMG190624-RP7	2.4	19.05	0.40–0.80	2.5–7.0																	
SNMG250924-RP7	2.4	25.4	0.55–1.00	3.0–10.0																		
	SNMA120408-RK5	0.8	12.7	0.25–0.50	0.8–5.0																	
	SNMA120412-RK5	1.2	12.7	0.30–0.60	1.2–5.0																	
	SNMA120416-RK5	1.6	12.7	0.35–0.70	1.5–5.0																	
	SNMA150612-RK5	1.2	15.88	0.30–0.65	1.2–7.0																	
	SNMA150616-RK5	1.6	15.88	0.35–0.80	1.5–7.0																	
	SNMA190616-RK5	1.6	19.05	0.35–0.80	1.5–8.0																	
SNMA190624-RK5	2.4	19.05	0.40–0.90	2.5–8.0																		
	SNMA120412-RK7	1.2	12.7	0.30–0.60	1.2–5.0																	
	SNMA120416-RK7	1.6	12.7	0.35–0.70	1.5–5.0																	
	SNMA150616-RK7	1.6	15.88	0.35–0.80	1.5–7.0																	
	SNMA190616-RK7	1.6	19.05	0.35–0.80	1.5–8.0																	
	SNMM120408-HU3	0.8	12.7	0.30–0.50	0.8–7.0																	
	SNMM120412-HU3	1.2	12.7	0.35–0.70	1.2–7.0																	
	SNMM120416-HU3	1.6	12.7	0.40–0.90	1.6–7.0																	
	SNMM150612-HU3	1.2	15.88	0.35–0.75	1.2–9.0																	
	SNMM150616-HU3	1.6	15.88	0.40–0.90	1.6–9.0																	
	SNMM150624-HU3	2.4	15.88	0.45–1.10	2.0–9.0																	
	SNMM190612-HU3	1.2	19.05	0.35–0.75	1.2–10.0																	
	SNMM190616-HU3	1.6	19.05	0.40–1.00	1.6–10.0																	
	SNMM190624-HU3	2.4	19.05	0.45–1.20	2.0–10.0																	
	SNMM250724-HU3	2.4	25.4	0.55–1.20	2.5–12.0																	
	SNMM250916-HU3	1.6	25.4	0.45–1.00	1.6–12.0																	
	SNMM250924-HU3	2.4	25.4	0.55–1.20	2.5–12.0																	
	SNMM120412-HU5	1.2	12.7	0.30–0.70	1.5–7.0																	
	SNMM150612-HU5	1.2	15.88	0.35–0.70	1.5–9.0																	
	SNMM190612-HU5	1.2	19.05	0.35–0.80	1.5–10.0																	
	SNMM190616-HU5	1.6	19.05	0.40–1.00	2.0–10.0																	
	SNMM190624-HU5	2.4	19.05	0.45–1.10	2.0–10.0																	
	SNMM250924-HU5	2.4	25.4	0.50–1.20	2.5–12.0																	
	SNMM150616-HU7	1.6	15.88	0.45–1.00	2.0–12.0																	
	SNMM150624-HU7	2.4	15.88	0.50–1.40	2.5–12.0																	
	SNMM190612-HU7	1.2	19.05	0.50–1.00	2.0–13.0																	
	SNMM190616-HU7	1.6	19.05	0.50–1.10	2.5–13.0																	
	SNMM190624-HU7	2.4	19.05	0.60–1.60	3.0–13.0																	
	SNMM250716-HU7	1.6	25.4	0.50–1.10	2.5–17.0																	
	SNMM250724-HU7	2.4	25.4	0.60–1.60	3.0–17.0																	
	SNMM250924-HU7	2.4	25.4	0.60–1.60	3.0–17.0																	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

HC = Coated carbide

HW = Uncoated carbide

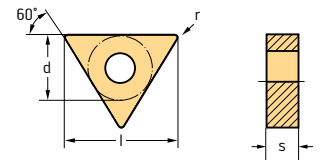
WALTER SELECT

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

Turning Insert – Negative triangular 60°

TNMG / TNMA / TNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P					M					K			S		
						HC	HE	HC	HE	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC
	TNMG160404-FW5	0,4	16,5	0,10–0,40	0,3–3,0																
	TNMG160408-FW5	0,8	16,5	0,15–0,50	0,4–3,0																
	TNMG160404-FM5	0,4	16,5	0,05–0,15	0,2–1,0																
	TNMG160408-FM5	0,8	16,5	0,07–0,20	0,4–1,5																
	TNMG160412-FM5	1,2	16,5	0,10–0,25	0,5–2,0																
	TNMG110304-FP5	0,4	11	0,04–0,15	0,1–1,2																
	TNMG110308-FP5	0,8	11	0,08–0,20	0,2–1,5																
	TNMG160404-FP5	0,4	16,5	0,04–0,20	0,1–1,5																
	TNMG160408-FP5	0,8	16,5	0,08–0,25	0,2–2,0																
	TNMG160412-FP5	1,2	16,5	0,10–0,25	0,5–2,5																
	TNMG160404-MS3	0,4	16,5	0,12–0,25	0,6–3,0																
	TNMG160408-MS3	0,8	16,5	0,15–0,30	0,8–3,0																
	TNMG220404-MS3	0,4	22	0,12–0,25	0,6–3,0																
	TNMG220408-MS3	0,8	22	0,15–0,30	0,8–3,0																
	TNMG160408-MW5	0,8	16,5	0,15–0,55	0,8–4,0																
	TNMG160412-MW5	1,2	16,5	0,20–0,65	1,5–4,0																
	TNMG160404-NMS	0,4	16,5	0,09–0,22	0,6–2,5																
	TNMG160408-NMS	0,8	16,5	0,11–0,30	0,8–3,5																
	TNMG110304-MP3	0,4	11	0,06–0,18	0,3–2,0																
	TNMG110308-MP3	0,8	11	0,10–0,25	0,6–2,2																
	TNMG160304-MP3	0,4	16,5	0,08–0,22	0,3–2,2																
	TNMG160404-MP3	0,4	16,5	0,08–0,22	0,3–2,2																
	TNMG160408-MP3	0,8	16,5	0,12–0,32	0,6–3,0																
	TNMG160412-MP3	1,2	16,5	0,16–0,40	0,8–3,2																
	TNMG220408-MP3	0,8	22	0,12–0,32	0,6–3,2																
	TNMG220412-MP3	1,2	22	0,16–0,40	0,8–3,5																
	TNMG160404-MM5	0,4	16,5	0,10–0,18	0,5–2,0																
	TNMG160408-MM5	0,8	16,5	0,15–0,25	0,8–3,0																
	TNMG160412-MM5	1,2	16,5	0,18–0,30	0,8–3,5																
	TNMG160416-MM5	1,6	16,5	0,20–0,35	1,0–4,0																
	TNMG160308-MP5	0,8	16,5	0,18–0,35	0,6–4,0																
	TNMG160404-MP5	0,4	16,5	0,16–0,25	0,5–4,0																
	TNMG160408-MP5	0,8	16,5	0,18–0,35	0,6–4,0																
	TNMG160412-MP5	1,2	16,5	0,20–0,40	1,0–4,0																
	TNMG220404-MP5	0,4	22	0,16–0,25	0,7–4,0																
	TNMG220408-MP5	0,8	22	0,18–0,35	0,8–5,0																
	TNMG220412-MP5	1,2	22	0,20–0,40	1,0–5,0																
	TNMG220416-MP5	1,6	22	0,25–0,45	1,2–5,0																
	TNMG270608-MP5	0,8	27,5	0,25–0,45	0,8–7,0																
	TNMG270612-MP5	1,2	27,5	0,30–0,50	1,0–7,0																
	TNMG270616-MP5	1,6	27,5	0,35–0,55	1,2–7,0																

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

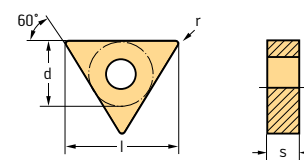
HC = Coated carbide

HE = Coated cermet

Turning Insert – Negative triangular 60°

TNMG / TNMA / TNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P							M				K			S			
						HC					HE	HC				HC			HC				
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S	WSM20S
	TNMG160404-MU5	0,4	16,5	0,15–0,30	0,5–4,0			☺	☺							☺						☺	
	TNMG160408-MU5	0,8	16,5	0,18–0,35	0,6–4,0		☺	☺	☺							☺						☺	
	TNMG160412-MU5	1,2	16,5	0,20–0,45	1,0–4,0		☺	☺	☺							☺						☺	
	TNMG160404-MK5	0,4	16,5	0,16–0,25	0,6–4,0													☺	☺				
	TNMG160408-MK5	0,8	16,5	0,25–0,45	0,8–5,0													☺	☺	☺			
	TNMG160412-MK5	1,2	16,5	0,30–0,45	1,2–5,0													☺	☺	☺			
	TNMG160416-MK5	1,6	16,5	0,35–0,45	1,5–5,0													☺	☺	☺			
	TNMG220408-MK5	0,8	22	0,25–0,45	1,0–6,0													☺	☺				
	TNMG220412-MK5	1,2	22	0,30–0,45	1,4–6,0														☺	☺			
	TNMG220416-MK5	1,6	22	0,35–0,45	1,6–6,0															☺			
	TNMG270612-MK5	1,2	27,5	0,35–0,65	1,2–8,0															☺			
	TNMG160412-NRS	1,2	16,5	0,25–0,50	1,5–4,5											☺						☺	
	TNMG160408-RM5	0,8	16,5	0,22–0,40	1,2–4,0									☺		☺	☺	☺				☺	☺
	TNMG160412-RM5	1,2	16,5	0,25–0,50	1,5–4,0											☺	☺	☺	☺			☺	☺
	TNMG220408-RM5	0,8	22	0,22–0,40	1,2–4,5											☺	☺	☺	☺			☺	☺
	TNMG220412-RM5	1,2	22	0,25–0,55	1,5–4,5											☺	☺	☺	☺			☺	☺
	TNMG160408-RP5	0,8	16,5	0,20–0,40	0,8–5,0		☺	☺	☺		☺												
	TNMG160412-RP5	1,2	16,5	0,25–0,55	1,0–5,0		☺	☺	☺		☺												
	TNMG220408-RP5	0,8	22	0,20–0,45	0,8–7,0			☺	☺		☺												
	TNMG220412-RP5	1,2	22	0,25–0,60	1,0–7,0			☺	☺	☺		☺											
	TNMG220416-RP5	1,6	22	0,35–0,70	1,6–7,0			☺	☺	☺		☺											
	TNMG270612-RP5	1,2	27,5	0,30–0,70	1,6–10,0				☺	☺		☺											
	TNMG270616-RP5	1,6	27,5	0,35–0,80	2,0–10,0					☺	☺												
	TNMG330924-RP5	2,4	33	0,45–1,20	2,5–13,0					☺	☺												
	TNMG270616-RP7	1,6	27,5	0,35–0,75	1,5–9,0				☺														
	TNMG270624-RP7	2,4	27,5	0,55–1,00	3,0–9,0				☺														
	TNMA160404-RK5	0,4	16,5	0,16–0,25	0,6–5,0													☺	☺				
	TNMA160408-RK5	0,8	16,5	0,25–0,45	0,8–5,0													☺	☺	☺			
	TNMA160412-RK5	1,2	16,5	0,30–0,50	1,2–5,0													☺	☺	☺			
	TNMA220408-RK5	0,8	22	0,25–0,45	1,0–6,0															☺			
	TNMA220412-RK5	1,2	22	0,30–0,55	1,4–6,0															☺			
	TNMA220416-RK5	1,6	22	0,35–0,60	1,6–6,0																☺		
	TNMA160408-RK7	0,8	16,5	0,25–0,45	0,8–5,0													☺					
	TNMA160412-RK7	1,2	16,5	0,30–0,50	1,2–5,0													☺					
	TNMM160408-HU3	0,8	16,5	0,30–0,45	0,8–6,0				☺														
	TNMM160412-HU3	1,2	16,5	0,35–0,50	1,2–6,0				☺	☺													
	TNMM220408-HU3	0,8	22	0,30–0,50	0,8–7,0				☺	☺		☺											
	TNMM220412-HU3	1,2	22	0,35–0,60	1,2–7,0				☺	☺		☺											
	TNMM220416-HU3	1,6	22	0,40–0,80	1,6–7,0				☺	☺		☺											
	TNMM270612-HU3	1,2	27,5	0,35–0,65	1,2–8,0				☺														

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide

HE = Coated cermet

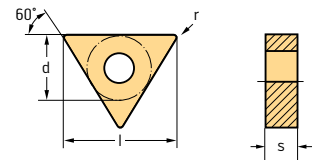
WALTER SELECT

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

Turning Insert – Negative triangular 60°

TNMG / TNMA / TNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P						M				K			S							
						HC						HE				HC				HC			HC			
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S		
																										
	TNMM270616-HU7	1,6	27,5	0,50–1,10	2,0–13,0																					

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

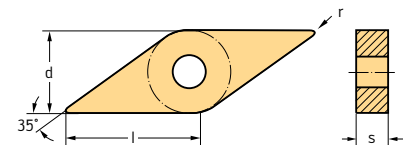
HC = Coated carbide

HE = Coated cermet

Turning Insert – Negative rhombic 35°

VNMG / VNGG / VNMA

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P							M				K		N		S					
						HC						HE	HC				HC		HC	HW	HC					HW
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S
	VNMG160404-NFT	0.4	16.61	0.05–0.15	0.2–1.5																					
	VNMG160408-NFT	0.8	16.61	0.07–0.18	0.3–2.0																					
	VNGG160404-NFT	0.4	16.61	0.04–0.13	0.1–1.5																					
	VNGG160408-NFT	0.8	16.61	0.06–0.16	0.2–2.0																					
	VNGG160412-NFT	1.2	16.61	0.06–0.16	0.2–2.0																					
	VNMG160402-FM5	0.2	16.61	0.03–0.10	0.1–1.0																					
	VNMG160404-FM5	0.4	16.61	0.05–0.15	0.2–1.0																					
	VNMG160408-FM5	0.8	16.61	0.07–0.20	0.4–1.5																					
	VNMG160404-FP5	0.4	16.61	0.04–0.22	0.1–1.5	☹		☹	☹							☹										
	VNMG160408-FP5	0.8	16.61	0.08–0.25	0.2–2.0	☹		☹	☹							☹										
	VNMG160412-FP5	1.2	16.61	0.12–0.28	0.3–2.5			☹	☹																	
	VNGG160402M-MN3	0.17	16.61	0.05–0.12	0.5–2.0													☹	☹							
	VNGG160404M-MN3	0.37	16.61	0.08–0.30	0.6–3.0													☹	☹							
	VNMG160404-MS3	0.4	16.61	0.10–0.20	0.6–2.5								☹	☹							☹	☹				
	VNMG160408-MS3	0.8	16.61	0.12–0.25	0.8–2.5								☹	☹							☹	☹				
	VNGG160401-MS3	0.1	16.61	0.02–0.06	0.2–2.0								☹								☹					
	VNGG160402-MS3	0.2	16.61	0.05–0.12	0.4–2.0								☹								☹					
	VNGG160404-MS3	0.4	16.61	0.10–0.20	0.6–2.0								☹								☹					
	VNMG160404-NMS	0.4	16.61	0.08–0.16	0.5–1.5								☹	☹							☹	☹				
	VNMG160408-NMS	0.8	16.61	0.10–0.22	0.8–2.2								☹	☹							☹	☹				

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

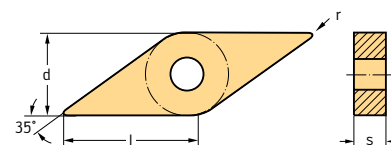
ISO indexable inserts – Negative basic shape

35

Turning Insert – Negative rhombic 35°

VNMG / VNGG / VNMA

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P							M					K			N			S				
						HC							HE	HC					HC	HC	HW	HC					HW	
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C		WSM01	WSM10S	WMP20S	WSM20S	WSM30S				WKP01G	WKK10S	WKK20S	WNN10	WN10		WSM01
	VNMG160404-MP3	0.4	16.61	0.08–0.22	0.3–2.2			☺	☺																			
	VNMG160408-MP3	0.8	16.61	0.12–0.32	0.6–3.0			☺	☺		☹																	
	VNMG160412-MP3	1.2	16.61	0.16–0.35	0.8–3.2			☺	☺																			
	VNMG160404-MM5	0.4	16.61	0.10–0.18	0.5–2.0					☹				☺	☺	☺	☺						☺	☺	☺			
	VNMG160408-MM5	0.8	16.61	0.15–0.25	0.8–3.0					☹				☺	☺	☺	☺						☺	☺	☺			
	VNMG160404-MP5	0.4	16.61	0.10–0.18	0.5–2.0			☺	☺		☹																	
	VNMG160408-MP5	0.8	16.61	0.18–0.35	0.6–4.0		☺	☺	☺		☹																	
	VNMG160412-MP5	1.2	16.61	0.20–0.40	0.8–4.0		☺	☺	☺		☹																	
	VNMG220408-MP5	0.8	22.14	0.18–0.35	0.6–4.0			☺	☺																			
	VNMG160404-MK5	0.4	16.61	0.16–0.25	0.6–4.0													☺	☺									
	VNMG160408-MK5	0.8	16.61	0.18–0.35	0.8–4.0													☺	☺									
	VNMG160412-MK5	1.2	16.61	0.20–0.35	1.0–4.0													☺	☺									
	VNMA160408-RK5	0.8	16.61	0.18–0.35	0.8–4.0													☺	☺									
	VNMA160412-RK5	1.2	16.61	0.20–0.40	1.0–4.0													☺	☺									

See the ISO 1832 designation key for dimensions

Ordering example for the grade WS10: VNMG160404-NFT WS10

HC = Coated carbide

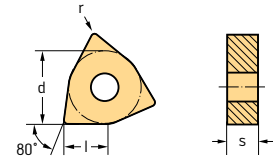
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	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	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S
 Wiper	WNMG060404-FW5	0,4	6,52	0,10–0,35	0,3–2,0	☺	☺	☺	☺					☺	☺	☺	☺					☺					
	WNMG060408-FW5	0,8	6,52	0,15–0,50	0,4–2,0			☺	☺					☺	☺	☺	☺					☺					
	WNMG080404-FW5	0,4	8,69	0,10–0,40	0,3–3,0	☺	☺	☺	☺					☺	☺	☺	☺					☺					
	WNMG080408-FW5	0,8	8,69	0,15–0,60	0,4–3,0	☺	☺	☺	☺					☺	☺	☺	☺					☺					
	WNMG080412-FW5	1,2	8,69	0,25–0,65	0,6–3,0	☺	☺	☺	☺					☺	☺	☺	☺					☺					
	WNMG060404-FM5	0,4	6,52	0,05–0,15	0,2–1,0									☺	☺	☺	☺					☺	☺	☺			
	WNMG060408-FM5	0,8	6,52	0,07–0,20	0,4–1,5									☺	☺	☺	☺					☺	☺	☺			
	WNMG080404-FM5	0,4	8,69	0,05–0,15	0,2–1,5					☺				☺	☺	☺	☺					☺	☺	☺			
	WNMG080408-FM5	0,8	8,69	0,07–0,20	0,4–1,5					☺				☺	☺	☺	☺					☺	☺	☺			
	WNMG080412-FM5	1,2	8,69	0,10–0,25	0,5–2,0									☺	☺	☺	☺					☺	☺	☺			
	WNMG060404-FP5	0,4	6,52	0,04–0,20	0,1–1,5			☺	☺								☺										
	WNMG060408-FP5	0,8	6,52	0,08–0,25	0,2–2,0	☺		☺	☺								☺										
	WNMG080404-FP5	0,4	8,69	0,05–0,20	0,1–1,5	☺		☺	☺								☺										
	WNMG080408-FP5	0,8	8,69	0,08–0,25	0,2–2,0	☺		☺	☺								☺										
	WNMG080412-FP5	1,2	8,69	0,10–0,25	0,5–2,5			☺	☺								☺										
 Wiper	WNMG060408-MW5	0,8	6,52	0,15–0,50	0,8–3,0			☺	☺								☺										
	WNMG060412-MW5	1,2	6,52	0,20–0,60	1,5–3,0			☺	☺								☺										
	WNMG080408-MW5	0,8	8,69	0,20–0,65	0,8–4,0		☺	☺	☺	☺				☺			☺	☺									
	WNMG080412-MW5	1,2	8,69	0,25–0,70	1,5–4,0		☺	☺	☺	☺				☺			☺	☺									
	WNGG080404M-MN3	0,37	8,69	0,08–0,30	0,8–4,0														☺	☺							
	WNGG080408M-MN3	0,77	8,69	0,10–0,40	1,0–4,0														☺	☺							
	WNMG080404-MS3	0,4	8,69	0,12–0,25	0,6–3,0									☺	☺							☺	☺				
	WNMG080408-MS3	0,8	8,69	0,15–0,30	0,8–3,0				☺					☺	☺		☺					☺	☺	☺			
	WNMG080408-NMT	0,8	8,69	0,12–0,30	0,8–4,0											☺								☺			
	WNMG060408-NMS	0,8	6,52	0,10–0,30	0,8–3,0									☺	☺	☺	☺					☺	☺	☺			
	WNMG080404-NMS	0,4	8,69	0,10–0,24	0,6–2,5									☺	☺	☺	☺					☺	☺	☺			
	WNMG080408-NMS	0,8	8,69	0,13–0,32	0,8–3,5									☺	☺	☺	☺					☺	☺	☺			
	WNMG060404-MP3	0,4	6,52	0,08–0,22	0,3–2,2			☺	☺																		
	WNMG060408-MP3	0,8	6,52	0,12–0,32	0,6–3,0			☺	☺																		
	WNMG060412-MP3	1,2	6,52	0,16–0,35	0,8–3,2				☺																		
	WNMG080404-MP3	0,4	8,69	0,08–0,22	0,3–2,5				☺	☺																	
	WNMG080408-MP3	0,8	8,69	0,12–0,32	0,6–3,2	☺	☺	☺	☺	☺																	
	WNMG080412-MP3	1,2	8,69	0,16–0,40	0,8–3,5	☺	☺	☺	☺	☺																	

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

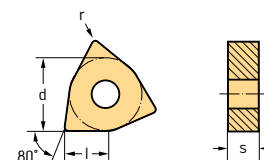
ISO indexable inserts – Negative basic shape

37

Turning Insert – Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P								M					K			N			S				
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WKP30S	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	WS10	
	WNMG060404-MM5	0,4	6,52	0,10–0,18	0,5–2,0					☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG060408-MM5	0,8	6,52	0,15–0,25	0,8–2,5					☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG060412-MM5	1,2	6,52	0,18–0,30	0,8–3,0													☺	☺						☺	☺	☺		
	WNMG080404-MM5	0,4	8,69	0,10–0,20	0,5–3,0					☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG080408-MM5	0,8	8,69	0,15–0,32	0,8–3,0					☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG080412-MM5	1,2	8,69	0,15–0,35	0,8–3,5					☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG080416-MM5	1,6	8,69	0,15–0,40	1,0–4,0													☺	☺						☺	☺	☺		
	WNMG100608-MM5	0,8	10,86	0,18–0,40	0,8–4,5													☺							☺	☺	☺		
	WNMG100612-MM5	1,2	10,86	0,20–0,45	0,8–4,5													☺							☺	☺	☺		
	WNMG060404-MP5	0,4	6,52	0,16–0,25	0,5–4,0		☺	☺	☺		☺																		
	WNMG060408-MP5	0,8	6,52	0,18–0,35	0,6–4,0		☺	☺	☺		☺																		
	WNMG060412-MP5	1,2	6,52	0,20–0,40	1,0–4,0			☺	☺																				
	WNMG080404-MP5	0,4	8,69	0,16–0,25	0,5–4,0			☺	☺		☺																		
	WNMG080408-MP5	0,8	8,69	0,18–0,40	0,6–5,0		☺	☺	☺		☺																		
	WNMG080412-MP5	1,2	8,69	0,20–0,45	1,0–5,0		☺	☺	☺		☺																		
	WNMG080416-MP5	1,6	8,69	0,25–0,50	1,2–5,0			☺	☺																				
	WNMG100608-MP5	0,8	10,86	0,25–0,40	0,8–7,0			☺	☺																				
	WNMG100612-MP5	1,2	10,86	0,30–0,50	1,0–7,0			☺	☺																				
	WNMG060408-MU5	0,8	6,52	0,15–0,35	0,6–3,0			☺	☺	☺					☺	☺									☺				
	WNMG080404-MU5	0,4	8,69	0,15–0,30	0,5–4,0			☺	☺								☺								☺				
	WNMG080408-MU5	0,8	8,69	0,15–0,40	0,6–5,0		☺	☺	☺	☺						☺	☺								☺				
	WNMG080412-MU5	1,2	8,69	0,20–0,50	1,0–5,0		☺	☺	☺	☺						☺	☺								☺				
	WNMG080416-MU5	1,6	8,69	0,25–0,55	1,2–5,0		☺	☺	☺																				
	WNMG060404-MK5	0,4	6,52	0,16–0,25	0,6–4,0													☺	☺										
	WNMG060408-MK5	0,8	6,52	0,20–0,40	0,8–4,0													☺	☺										
	WNMG060412-MK5	1,2	6,52	0,16–0,45	0,6–4,0													☺	☺										
	WNMG080404-MK5	0,4	8,69	0,16–0,25	0,6–5,0													☺	☺										
	WNMG080408-MK5	0,8	8,69	0,20–0,45	1,2–5,0													☺	☺										
	WNMG080412-MK5	1,2	8,69	0,22–0,50	1,5–5,0													☺	☺										
	WNMG080416-MK5	1,6	8,69	0,25–0,55	2,0–5,0													☺	☺										
	WNMG100608-MK5	0,8	10,86	0,25–0,50	0,8–7,0													☺											
	WNMG100612-MK5	1,2	10,86	0,30–0,60	1,2–7,0													☺	☺										
	WNMG100616-MK5	1,6	10,86	0,35–0,60	1,5–7,0													☺	☺										
	WNMG080408-NRS	0,8	8,69	0,16–0,35	1,0–4,0									☺	☺		☺	☺						☺	☺	☺	☺		
	WNMG080412-NRS	1,2	8,69	0,18–0,40	1,2–4,0									☺	☺		☺	☺						☺	☺	☺	☺		
	WNMG060408-RM5	0,8	6,52	0,22–0,40	1,2–3,5					☺						☺	☺	☺	☺							☺	☺	☺	
	WNMG080408-RM5	0,8	8,69	0,22–0,40	1,2–4,5			☺	☺	☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG080412-RM5	1,2	8,69	0,25–0,50	1,5–4,5					☺						☺	☺	☺	☺						☺	☺	☺		
	WNMG060408-RP5	0,8	6,52	0,20–0,40	0,8–4,0				☺	☺		☺																	
	WNMG060412-RP5	1,2	6,52	0,25–0,50	1,0–4,0																								
	WNMG080408-RP5	0,8	8,69	0,20–0,40	0,8–6,0		☺	☺	☺	☺									☺										
	WNMG080412-RP5	1,2	8,69	0,25–0,60	1,0–6,0		☺	☺	☺	☺									☺										
	WNMG080416-RP5	1,6	8,69	0,35–0,70	1,6–6,0		☺	☺	☺	☺																			
	WNMG100612-RP5	1,2	10,86	0,35–0,65	1,2–8,0			☺	☺	☺																			
	WNMG100616-RP5	1,6	10,86	0,35–0,70	1,6–8,0			☺	☺	☺																			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

HC = Coated carbide

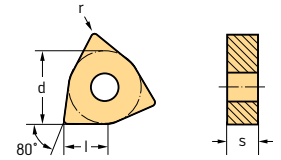
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P								M					K			N		S				
						HC				HE	HC				K			HC	HW	S		HC	HW					
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WKP30S	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	WS10
	WNMG080408-RP7	0,8	8,69	0,18–0,40	0,8–5,0		☺	☺	☺	☺	☺																	
	WNMG080412-RP7	1,2	8,69	0,25–0,50	1,2–5,0		☺	☺	☺	☺	☺																	
	WNMG100608-RP7	0,8	10,86	0,30–0,50	0,8–6,0			☺	☺	☺	☺																	
	WNMG100612-RP7	1,2	10,86	0,35–0,60	1,2–6,0			☺	☺	☺	☺																	
	WNMG100616-RP7	1,6	10,86	0,40–0,60	1,5–6,0			☺	☺	☺	☺																	
	WNMA060404-RK5	0,4	6,52	0,16–0,25	0,6–4,0														☺									
	WNMA060408-RK5	0,8	6,52	0,20–0,40	0,8–4,0														☺	☺								
	WNMA060412-RK5	1,2	6,52	0,22–0,50	1,2–4,0														☺	☺								
	WNMA080404-RK5	0,4	8,69	0,16–0,25	0,6–5,0														☺	☺	☺							
	WNMA080408-RK5	0,8	8,69	0,20–0,45	1,2–5,0														☺	☺	☺							
	WNMA080412-RK5	1,2	8,69	0,22–0,50	1,5–5,0														☺	☺	☺							
	WNMA100612-RK5	1,2	10,86	0,25–0,60	1,5–6,0														☺	☺	☺							
	WNMA100616-RK5	1,6	10,86	0,30–0,65	1,5–6,0															☺	☺	☺						
	WNMA080408-RK7	0,8	8,69	0,20–0,45	1,2–5,0														☺	☺	☺							
	WNMA080412-RK7	1,2	8,69	0,22–0,50	1,5–5,0														☺	☺	☺							
	WNMM080412-HU3	1,2	8,69	0,35–0,60	1,2–6,0				☺																			
	WNMM100612-HU3	1,2	10,86	0,35–0,70	1,2–8,0			☺	☺																			
	WNMM100616-HU3	1,6	10,86	0,40–0,90	1,6–8,0			☺	☺																			

See the ISO 1832 designation key for dimensions

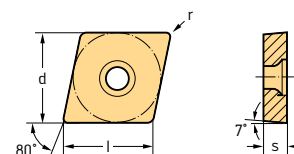
Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

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

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M				K			N		S			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S
 Wiper	CCMT060202-FW4	0.2	6.45	0.03–0.15	0.1–1.5																			
	CCMT060204-FW4	0.4	6.45	0.05–0.30	0.2–2.0	☺	☺	☺						☺		☺	☺					☺	☺	☺
	CCMT060208-FW4	0.8	6.45	0.09–0.35	0.3–2.0	☺	☺	☺								☺							☺	
	CCMT09T302-FW4	0.2	9.67	0.03–0.15	0.1–2.0			☺								☺							☺	
	CCMT09T304-FW4	0.4	9.67	0.07–0.30	0.2–2.5	☺	☺	☺						☺		☺	☺					☺	☺	☺
	CCMT09T308-FW4	0.8	9.67	0.12–0.50	0.3–2.5	☺	☺	☺						☺		☺	☺					☺	☺	☺
	CCGT060202-FL2	0.2	6.45	0.04–0.10	0.1–1.0			☺					☺										☺	
	CCGT060204-FL2	0.4	6.45	0.06–0.15	0.2–1.5			☺		☺												☺		
	CCGT09T302-FL2	0.2	9.67	0.04–0.10	0.1–1.0			☺		☺												☺		
	CCGT09T304-FL2	0.4	9.67	0.06–0.15	0.2–1.5			☺		☺												☺		
	CCGT060201-FN2	0.1	6.45	0.02–0.06	0.1–1.5														☺					
	CCGT060202-FN2	0.2	6.45	0.05–0.12	0.2–2.0														☺	☺				
	CCGT060204-FN2	0.4	6.45	0.08–0.25	0.2–2.5														☺	☺				
	CCGT09T301-FN2	0.1	9.67	0.02–0.06	0.1–1.5														☺					
	CCGT09T302-FN2	0.2	9.67	0.05–0.12	0.2–2.0														☺	☺				
	CCGT09T304-FN2	0.4	9.67	0.08–0.25	0.2–2.5														☺	☺				
	CCGT09T308-FN2	0.8	9.67	0.10–0.30	0.3–3.0														☺	☺				
	CCGT120404-FN2	0.4	12.9	0.08–0.25	0.2–3.0														☺	☺				
	CCGT120408-FN2	0.8	12.9	0.10–0.30	0.3–3.5														☺	☺				
	CCGT060201-FM2	0.1	6.45	0.02–0.06	0.1–1.5											☺								☺
	CCGT060202-FM2	0.2	6.45	0.05–0.12	0.2–2.0									☺							☺			☺
	CCGT060204-FM2	0.4	6.45	0.08–0.25	0.2–2.5									☺							☺			☺
	CCGT09T301-FM2	0.1	9.67	0.02–0.06	0.1–1.5											☺								☺
	CCGT09T302-FM2	0.2	9.67	0.05–0.12	0.2–2.0									☺							☺			☺
	CCGT09T304-FM2	0.4	9.67	0.08–0.25	0.2–2.5									☺	☺						☺	☺		☺
	CCGT09T308-FM2	0.8	9.67	0.10–0.30	0.3–3.0									☺	☺						☺	☺		☺
	CCGT120404-FM2	0.4	12.9	0.08–0.25	0.2–3.0											☺							☺	
	CCGT120408-FM2	0.8	12.9	0.10–0.30	0.3–3.5											☺								☺
	CCGT060201M-FP2	0.07	6.45	0.02–0.06	0.1–1.5							☺												
	CCGT060202M-FP2	0.17	6.45	0.05–0.12	0.2–2.0							☺												
	CCGT060204M-FP2	0.37	6.45	0.08–0.25	0.2–2.5							☺												
	CCGT09T301M-FP2	0.07	9.67	0.02–0.06	0.1–1.5							☺												
	CCGT09T302M-FP2	0.17	9.67	0.05–0.12	0.2–2.0							☺												
	CCGT09T304M-FP2	0.37	9.67	0.08–0.25	0.2–2.5							☺												
	CCGT09T308M-FP2	0.77	9.67	0.10–0.30	0.3–3.0							☺												
	CCGT060202MR-FX4	0.17	6.45	0.02–0.10	0.1–1.5							☺												
	CCGT060204MR-FX4	0.37	6.45	0.05–0.15	0.1–2.0							☺												
	CCGT09T302MR-FX4	0.17	9.67	0.02–0.10	0.1–1.5							☺												
	CCGT09T304MR-FX4	0.37	9.67	0.05–0.15	0.1–2.0							☺												
	CCGT09T308MR-FX4	0.77	9.67	0.08–0.25	0.2–2.5							☺												
	CCGT060202ML-FX4	0.17	6.45	0.02–0.10	0.1–1.5							☺												
	CCGT060204ML-FX4	0.37	6.45	0.05–0.15	0.1–2.0							☺												
	CCGT09T302ML-FX4	0.17	9.67	0.02–0.10	0.1–1.5							☺												
	CCGT09T304ML-FX4	0.37	9.67	0.05–0.15	0.1–2.0							☺												
	CCGT09T308ML-FX4	0.77	9.67	0.08–0.25	0.2–2.5							☺												

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

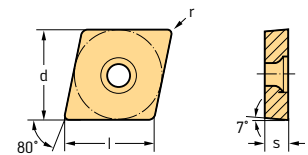
WALTER SELECT

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

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M				K			N		S		
						WC	HC	HE	HE	HE	HE	WC	HC	WC	WC	WC	WC	WC	WC	WC	WC	WC	WC
	CCMT060202-FM4	0,2	6,45	0,04–0,12	0,1–1,0																		
	CCMT060204-FM4	0,4	6,45	0,05–0,16	0,1–1,5																		
	CCMT060208-FM4	0,8	6,45	0,08–0,20	0,1–1,5																		
	CCMT09T302-FM4	0,2	9,67	0,04–0,12	0,1–1,0																		
	CCMT09T304-FM4	0,4	9,67	0,05–0,16	0,1–1,5																		
	CCMT09T308-FM4	0,8	9,67	0,08–0,20	0,1–1,5																		
	CCMT120404-FM4	0,4	12,9	0,05–0,16	0,1–1,5																		
	CCMT120408-FM4	0,8	12,9	0,08–0,20	0,1–1,5																		
	CCMT060202-FP4	0,2	6,45	0,04–0,12	0,1–1,0																		
	CCMT060204-FP4	0,4	6,45	0,05–0,16	0,1–1,5																		
	CCMT060208-FP4	0,8	6,45	0,08–0,20	0,1–1,5																		
	CCMT09T302-FP4	0,2	9,67	0,04–0,12	0,1–1,0																		
	CCMT09T304-FP4	0,4	9,67	0,05–0,16	0,1–1,5																		
	CCMT09T308-FP4	0,8	9,67	0,08–0,20	0,1–1,5																		
	CCMT120404-FP4	0,4	12,9	0,05–0,16	0,1–1,5																		
	CCMT120408-FP4	0,8	12,9	0,08–0,20	0,1–1,5																		
	CCMT060204-FM6	0,4	6,45	0,08–0,25	0,3–1,6																		
	CCMT060208-FM6	0,8	6,45	0,12–0,30	0,5–1,6																		
	CCMT09T304-FM6	0,4	9,67	0,08–0,25	0,3–2,0																		
	CCMT09T308-FM6	0,8	9,67	0,12–0,32	0,5–2,0																		
	CCMT120408-FM6	0,8	12,9	0,12–0,32	0,5–2,5																		
	CCMT060204-FP6	0,4	6,45	0,06–0,18	0,3–2,0																		
	CCMT060208-FP6	0,8	6,45	0,10–0,20	0,5–2,0																		
	CCMT09T304-FP6	0,4	9,67	0,08–0,20	0,3–2,0																		
	CCMT09T308-FP6	0,8	9,67	0,12–0,32	0,5–2,0																		
	CCMT120404-FP6	0,4	12,9	0,10–0,25	0,3–2,5																		
	CCMT120408-FP6	0,8	12,9	0,12–0,32	0,5–2,5																		
	CCMT060204-FK6	0,4	6,45	0,06–0,18	0,3–2,0																		
	CCMT060208-FK6	0,8	6,45	0,10–0,20	0,5–2,0																		
	CCMT09T304-FK6	0,4	9,67	0,08–0,20	0,3–2,0																		
	CCMT09T308-FK6	0,8	9,67	0,10–0,25	0,5–2,0																		
	CCMT120404-FK6	0,4	12,9	0,10–0,25	0,3–2,5																		
	CCMT120408-FK6	0,8	12,9	0,12–0,32	0,5–2,5																		
 Wiper	CCMT09T304-MW4	0,4	9,67	0,12–0,40	0,5–4,0																		
	CCMT09T308-MW4	0,8	9,67	0,15–0,50	0,7–4,0																		
	CCMT09T312-MW4	1,2	9,67	0,17–0,55	0,8–4,0																		
	CCMT120404-MW4	0,4	12,9	0,12–0,40	0,5–4,5																		
	CCMT120408-MW4	0,8	12,9	0,17–0,55	0,7–4,5																		
	CCMT120412-MW4	1,2	12,9	0,17–0,55	0,8–4,5																		

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide

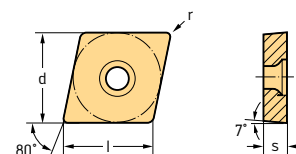
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M				K			N		S					
						HC			HE			HC				HC	HC	HW	HC	HC						
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S
	CCGT060201-MN2	0.1	6.45	0.02–0.06	0.5–1.5																☺☺	☺☺				
	CCGT060202-MN2	0.2	6.45	0.05–0.12	0.5–2.0									☺							☺☺	☺☺	☺☺			
	CCGT060204-MN2	0.4	6.45	0.08–0.25	0.6–3.0									☺							☺☺	☺☺	☺☺			
	CCGT09T301-MN2	0.1	9.67	0.02–0.06	0.5–1.5																☺☺	☺☺				
	CCGT09T302-MN2	0.2	9.67	0.05–0.12	0.5–2.0																☺☺	☺☺	☺☺			
	CCGT09T304-MN2	0.4	9.67	0.08–0.25	0.6–4.0									☺☺							☺☺	☺☺	☺☺			
	CCGT09T308-MN2	0.8	9.67	0.10–0.35	0.8–4.0									☺☺							☺☺	☺☺	☺☺			
	CCGT120402-MN2	0.2	12.9	0.05–0.12	0.5–2.0																☺☺	☺☺				
	CCGT120404-MN2	0.4	12.9	0.08–0.25	0.6–5.0																☺☺	☺☺				
CCGT120408-MN2	0.8	12.9	0.10–0.35	0.8–5.0																☺☺	☺☺					
	CCMT060204-MM4	0.4	6.45	0.08–0.20	0.4–2.0				☺☺						☺☺	☺☺	☺☺								☺☺	☺☺
	CCMT060208-MM4	0.8	6.45	0.12–0.25	0.5–2.0				☺☺							☺☺	☺☺	☺☺							☺☺	☺☺
	CCMT09T304-MM4	0.4	9.67	0.08–0.25	0.4–3.0				☺☺					☺☺	☺☺	☺☺	☺☺						☺☺	☺☺	☺☺	☺☺
	CCMT09T308-MM4	0.8	9.67	0.12–0.32	0.5–3.0				☺☺					☺☺	☺☺	☺☺	☺☺						☺☺	☺☺	☺☺	☺☺
	CCMT120404-MM4	0.4	12.9	0.12–0.25	0.4–3.5				☺☺							☺☺	☺☺	☺☺							☺☺	☺☺
	CCMT120408-MM4	0.8	12.9	0.12–0.32	0.5–3.5				☺☺							☺☺	☺☺	☺☺						☺☺	☺☺	☺☺
	CCGT060204-MM4	0.4	6.45	0.08–0.20	0.4–2.0								☺☺			☺☺							☺☺	☺☺		
	CCGT060208-MM4	0.8	6.45	0.12–0.25	0.5–2.0								☺☺			☺☺							☺☺	☺☺		
	CCGT09T304-MM4	0.4	9.67	0.08–0.25	0.4–3.0								☺☺			☺☺							☺☺	☺☺		
	CCGT09T308-MM4	0.8	9.67	0.12–0.32	0.5–3.0								☺☺			☺☺							☺☺	☺☺		
	CCGT120408-MM4	0.8	12.9	0.12–0.32	0.5–3.5											☺☺								☺☺	☺☺	
																	☺☺								☺☺	☺☺
	CCMT060204-MP4	0.4	6.45	0.08–0.20	0.4–2.0		☺☺	☺☺																		
	CCMT060208-MP4	0.8	6.45	0.12–0.25	0.5–2.0		☺☺	☺☺																		
	CCMT09T304-MP4	0.4	9.67	0.08–0.25	0.4–3.0		☺☺	☺☺				☺☺														
	CCMT09T308-MP4	0.8	9.67	0.12–0.32	0.5–3.0		☺☺	☺☺				☺☺														
	CCMT120404-MP4	0.4	12.9	0.12–0.25	0.4–3.5		☺☺	☺☺																		
	CCMT120408-MP4	0.8	12.9	0.12–0.32	0.5–3.5		☺☺	☺☺																		
	CCGT060204-MP4	0.4	6.45	0.08–0.20	0.4–2.0			☺☺																		
	CCGT09T304-MP4	0.4	9.67	0.08–0.25	0.4–3.0		☺☺	☺☺																		
	CCGT09T308-MP4	0.8	9.67	0.12–0.32	0.5–3.0		☺☺	☺☺																		
	CCGT120408-MP4	0.8	12.9	0.12–0.32	0.5–3.5		☺☺	☺☺																		
	CCMT060204-MP6	0.4	6.45	0.10–0.20	0.4–2.5		☺☺	☺☺		☺☺																
	CCMT090304-MP6	0.4	9.67	0.10–0.25	0.4–3.5			☺☺																		
	CCMT090308-MP6	0.8	9.67	0.15–0.32	0.6–3.5			☺☺																		
	CCMT09T304-MP6	0.4	9.67	0.08–0.25	0.4–3.0		☺☺	☺☺		☺☺																
	CCMT09T308-MP6	0.8	9.67	0.12–0.32	0.5–3.0		☺☺	☺☺		☺☺																
	CCMT120408-MP6	0.8	12.9	0.15–0.35	0.6–4.0		☺☺	☺☺		☺☺																
	CCMT160508-MP6	0.8	16.12	0.15–0.40	0.8–4.0			☺☺		☺☺																
	CCMT060204-MK4	0.4	6.45	0.08–0.20	0.4–2.0														☺☺	☺☺						
	CCMT060208-MK4	0.8	6.45	0.12–0.25	0.5–2.0															☺☺	☺☺					
	CCMT09T304-MK4	0.4	9.67	0.08–0.25	0.4–3.0															☺☺	☺☺					
	CCMT09T308-MK4	0.8	9.67	0.12–0.32	0.5–3.0															☺☺	☺☺					
	CCMT120404-MK4	0.4	12.9	0.12–0.25	0.4–3.5															☺☺	☺☺					
	CCMT120408-MK4	0.8	12.9	0.12–0.32	0.5–3.5															☺☺	☺☺					

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide

HE = Coated cermet

LW = Uncoated carbide

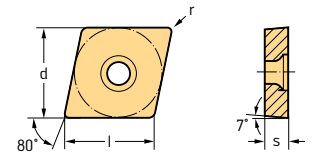
WALTER SELECT

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

Turning Insert – Positive rhombic 80°

CCMT / CCGT / CCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M					K			N		S					
						HC			HE	HC					HC	HW	HC	HW	HC								
						WKP01G	WPP10G	WPP20G		WMP20S	WPP30G	WEP01C	WEP10C	WSM01					WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10
	CCGT060204-MK4	0.4	6,45	0,08–0,20	0.4–2.0																						
	CCGT060208-MK4	0.8	6,45	0,12–0,25	0.5–2.0																						
	CCGT09T304-MK4	0.4	9,67	0,08–0,25	0.4–3.0																						
	CCGT09T308-MK4	0.8	9,67	0,12–0,32	0.5–3.0																						
	CCGT120408-MK4	0.8	12,9	0,12–0,32	0.5–3.5																						
	CCMT060204-RM4	0.4	6,45	0,12–0,25	0.4–2.5																						
	CCMT060208-RM4	0.8	6,45	0,16–0,30	0.6–2.5																						
	CCMT09T304-RM4	0.4	9,67	0,12–0,25	0.4–3.0																						
	CCMT09T308-RM4	0.8	9,67	0,16–0,35	0.6–4.0																						
	CCMT120404-RM4	0.4	12,9	0,12–0,25	0.4–3.0																						
	CCMT120408-RM4	0.8	12,9	0,16–0,40	0.6–5.0																						
	CCMT120412-RM4	1.2	12,9	0,20–0,50	0.8–5.0																						
	CCMT060204-RP4	0.4	6,45	0,12–0,25	0.4–2.5																						
	CCMT060208-RP4	0.8	6,45	0,16–0,30	0.6–2.5																						
	CCMT09T304-RP4	0.4	9,67	0,12–0,25	0.4–3.0																						
	CCMT09T308-RP4	0.8	9,67	0,16–0,35	0.6–4.0																						
	CCMT120404-RP4	0.4	12,9	0,12–0,30	0.4–4.0																						
	CCMT120408-RP4	0.8	12,9	0,16–0,40	0.6–5.0																						
	CCMT120412-RP4	1.2	12,9	0,20–0,50	0.8–5.0																						
	CCMT060204-RK4	0.4	6,45	0,12–0,25	0.4–2.5																						
	CCMT060208-RK4	0.8	6,45	0,16–0,30	0.6–2.5																						
	CCMT09T304-RK4	0.4	9,67	0,12–0,25	0.4–3.0																						
	CCMT09T308-RK4	0.8	9,67	0,16–0,35	0.6–4.0																						
	CCMT120404-RK4	0.4	12,9	0,12–0,30	0.4–4.0																						
	CCMT120408-RK4	0.8	12,9	0,16–0,40	0.6–5.0																						
	CCMT120412-RK4	1.2	12,9	0,20–0,50	0.8–5.0																						
	CCMW060202-RK6	0.2	6,45	0,08–0,12	0.2–2.5																						
	CCMW060204-RK6	0.4	6,45	0,12–0,25	0.4–2.5																						
	CCMW060208-RK6	0.8	6,45	0,16–0,30	0.5–2.5																						
	CCMW09T304-RK6	0.4	9,67	0,12–0,25	0.4–3.0																						
	CCMW09T308-RK6	0.8	9,67	0,16–0,35	0.5–4.0																						
	CCMW120408-RK6	0.8	12,9	0,16–0,40	0.6–5.0																						
	CCMW120412-RK6	1.2	12,9	0,20–0,50	0.8–5.0																						

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide

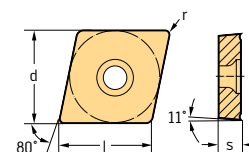
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive rhombic 80°

CPGT / CPMT / CPMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P				M			K	S
						HC		HE		HC		HC	HC	
						WPP10G	WPP20G	WMP20S	WEP10C	WSM01	WMP20S	WSM20S	WKK20S	WSM01
	CPGT050202M-FP2	0,17	5,64	0,05–0,12	0,2–2,0				☹					
	CPGT050204M-FP2	0,37	5,64	0,08–0,20	0,2–2,0				☹					
	CPMT050204-FM4	0,4	5,64	0,05–0,16	0,1–1,5			☹			☹			☹
	CPMT060204-FM4	0,4	6,45	0,05–0,16	0,1–1,5			☹			☹			☹
	CPMT09T304-FM4	0,4	9,67	0,05–0,16	0,1–1,5			☹			☹			☹
	CPMT09T308-FM4	0,8	9,67	0,08–0,20	0,1–1,5			☹			☹			☹
	CPMT050204-FP4	0,4	5,64	0,05–0,16	0,1–1,5	☹								
	CPMT060204-FP4	0,4	6,45	0,05–0,16	0,1–1,5	☹								
	CPMT09T304-FP4	0,4	9,67	0,05–0,16	0,1–1,5	☹								
	CPMT09T308-FP4	0,8	9,67	0,08–0,20	0,1–1,5	☹								
	CPMT04T104-MM4	0,4	4,84	0,06–0,16	0,3–1,5							☹		☹
	CPMT060204-MM4	0,4	6,45	0,08–0,20	0,4–2,0							☹		☹
	CPMT09T304-MM4	0,4	9,67	0,08–0,25	0,4–3,0							☹		☹
	CPMT09T308-MM4	0,8	9,67	0,12–0,32	0,5–3,0							☹		☹
	CPGT050204-MM4	0,4	5,64	0,08–0,20	0,4–1,5							☹		☹
	CPGT060201-MM4	0,1	6,45	0,04–0,12	0,1–2,0								☹	
	CPGT060202-MM4	0,2	6,45	0,06–0,16	0,2–2,0								☹	
	CPGT060204-MM4	0,4	6,45	0,08–0,20	0,4–2,0								☹	☹
	CPGT060208-MM4	0,8	6,45	0,12–0,25	0,5–2,0								☹	
	CPGT09T301-MM4	0,1	9,67	0,06–0,20	0,1–3,0								☹	
	CPGT09T304-MM4	0,4	9,67	0,08–0,25	0,4–3,0								☹	☹
	CPGT09T308-MM4	0,8	9,67	0,12–0,32	0,5–3,0								☹	☹
	CPMT04T104-MP4	0,4	4,84	0,06–0,16	0,3–1,5		☹							
	CPMT060204-MP4	0,4	6,45	0,08–0,20	0,4–2,0		☹							
	CPMT060208-MP4	0,8	6,45	0,12–0,25	0,5–2,0		☹							
	CPMT09T304-MP4	0,4	9,67	0,08–0,25	0,4–3,0		☹							
	CPMT09T308-MP4	0,8	9,67	0,12–0,32	0,5–3,0		☹							
	CPGT050204-MP4	0,4	5,64	0,08–0,20	0,4–1,5		☹							
	CPGT060204-MP4	0,4	6,45	0,08–0,20	0,4–2,0		☹	☹						
	CPGT09T304-MP4	0,4	9,67	0,08–0,25	0,4–3,0	☹	☹							
	CPGT09T308-MP4	0,8	9,67	0,12–0,32	0,5–3,0	☹	☹							
	CPMT060208-MK4	0,8	6,45	0,12–0,25	0,5–2,0								☹	
	CPMT09T308-MK4	0,8	9,67	0,12–0,32	0,5–3,0								☹	
	CPGT050204-MK4	0,4	5,64	0,08–0,20	0,4–1,5								☹	
	CPGT060204-MK4	0,4	6,45	0,08–0,20	0,4–2,0								☹	
	CPGT060208-MK4	0,8	6,45	0,12–0,25	0,5–2,0								☹	
	CPGT09T308-MK4	0,8	9,67	0,12–0,32	0,5–3,0								☹	
	CPMW050204-RK6	0,4	5,64	0,12–0,25	0,4–2,5								☹	
	CPMW060204-RK6	0,4	6,45	0,12–0,25	0,4–2,5								☹	
	CPMW09T304-RK6	0,4	9,67	0,12–0,25	0,4–3,0								☹	
	CPMW09T308-RK6	0,8	9,67	0,16–0,35	0,5–4,0								☹	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WEP10C: CPGT050202M-FP2 WEP10C

HC = Coated carbide

HE = Coated cermet

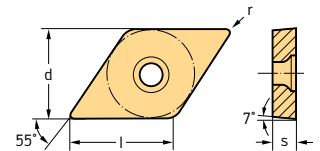
WALTER SELECT

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

Turning Insert – Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M					K			N		S			
						HC						HC					HC			HC	HW	HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
 Wiper	DCMT070202-FW4	0.2	7.75	0.03–0.15	0.1–1.5																				
	DCMT070204-FW4	0.4	7.75	0.05–0.25	0.2–2.0	☺	☺	☺						☺		☺	☺	☺					☺	☺	☺
	DCMT070208-FW4	0.8	7.75	0.09–0.35	0.3–2.0		☺	☺	☺							☺	☺	☺					☺	☺	☺
	DCMT11T302-FW4	0.2	11.63	0.03–0.15	0.1–2.0			☺								☺	☺	☺					☺	☺	☺
	DCMT11T304-FW4	0.4	11.63	0.07–0.30	0.2–2.5	☺	☺	☺						☺	☺	☺	☺					☺	☺	☺	☺
	DCMT11T308-FW4	0.8	11.63	0.12–0.40	0.3–2.5	☺	☺	☺						☺	☺	☺	☺					☺	☺	☺	☺
	DCGT11T302-FL2	0.2	11.63	0.04–0.10	0.1–1.0								☺									☺			
	DCGT11T304-FL2	0.4	11.63	0.06–0.15	0.2–1.5			☺					☺									☺			
	DCGT11T308-FL2	0.8	11.63	0.08–0.20	0.3–1.5			☺					☺									☺			
	DCGT070201-FN2	0.1	7.75	0.02–0.06	0.1–1.5																				
	DCGT070202-FN2	0.2	7.75	0.05–0.12	0.2–2.0																				
	DCGT070204-FN2	0.4	7.75	0.08–0.25	0.2–2.5																				
	DCGT11T301-FN2	0.1	11.63	0.02–0.06	0.1–1.5																				
	DCGT11T302-FN2	0.2	11.63	0.05–0.12	0.2–2.0																				
	DCGT11T304-FN2	0.4	11.63	0.08–0.25	0.2–2.5																				
	DCGT11T308-FN2	0.8	11.63	0.10–0.30	0.3–3.0																				
	DCGT070201-FM2	0.1	7.75	0.02–0.06	0.1–1.5																				
	DCGT070202-FM2	0.2	7.75	0.05–0.12	0.2–2.0								☺	☺								☺	☺	☺	
	DCGT070204-FM2	0.4	7.75	0.08–0.25	0.2–2.5								☺	☺								☺	☺	☺	
	DCGT11T301-FM2	0.1	11.63	0.02–0.06	0.1–1.5																				
	DCGT11T302-FM2	0.2	11.63	0.05–0.12	0.2–2.0																				
	DCGT11T304-FM2	0.4	11.63	0.08–0.25	0.2–2.5								☺	☺								☺	☺	☺	
	DCGT11T308-FM2	0.8	11.63	0.10–0.30	0.3–3.0								☺	☺								☺	☺	☺	
	DCGT070202M-FP2	0.17	7.75	0.05–0.12	0.2–2.0							☺													
	DCGT070204M-FP2	0.37	7.75	0.08–0.25	0.2–2.5							☺													
	DCGT11T3005M-FP2	0.03	11.63	0.01–0.04	0.1–1.0							☺													
	DCGT11T301M-FP2	0.07	11.63	0.02–0.06	0.1–1.5							☺													
	DCGT11T302M-FP2	0.17	11.63	0.05–0.12	0.2–2.0							☺													
	DCGT11T304M-FP2	0.37	11.63	0.08–0.25	0.2–2.5							☺													
	DCGT11T308M-FP2	0.77	11.63	0.10–0.30	0.3–3.0							☺													
	DCGT070202MR-FX4	0.17	7.75	0.02–0.10	0.1–1.5							☺													
	DCGT070204MR-FX4	0.37	7.75	0.05–0.15	0.1–2.0							☺													
	DCGT11T302MR-FX4	0.17	11.63	0.02–0.10	0.1–1.5							☺													
	DCGT11T304MR-FX4	0.37	11.63	0.05–0.15	0.1–2.0							☺													
	DCGT11T308MR-FX4	0.77	11.63	0.08–0.25	0.2–2.5							☺													
	DCGT070202ML-FX4	0.17	7.75	0.02–0.10	0.1–1.5							☺													
	DCGT070204ML-FX4	0.37	7.75	0.05–0.15	0.1–2.0							☺													
	DCGT11T302ML-FX4	0.17	11.63	0.02–0.10	0.1–1.5							☺													
	DCGT11T304ML-FX4	0.37	11.63	0.05–0.15	0.1–2.0							☺													
	DCGT11T308ML-FX4	0.77	11.63	0.08–0.25	0.2–2.5							☺													
	DCMT070202-FM4	0.2	7.75	0.04–0.12	0.1–1.0								☺	☺		☺	☺					☺	☺	☺	☺
	DCMT070204-FM4	0.4	7.75	0.05–0.16	0.1–1.5				☺				☺	☺		☺	☺					☺	☺	☺	☺
	DCMT070208-FM4	0.8	7.75	0.08–0.20	0.1–1.5								☺	☺		☺	☺					☺	☺	☺	
	DCMT11T302-FM4	0.2	11.63	0.04–0.12	0.1–1.0				☺				☺	☺		☺	☺					☺	☺	☺	☺
	DCMT11T304-FM4	0.4	11.63	0.05–0.16	0.1–1.5				☺				☺	☺		☺	☺					☺	☺	☺	☺
	DCMT11T308-FM4	0.8	11.63	0.08–0.20	0.1–1.5				☺				☺	☺		☺	☺					☺	☺	☺	☺

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

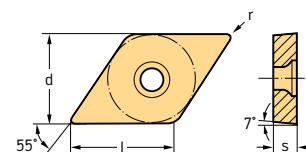
ISO indexable inserts – Positive basic shape

45

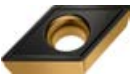
Turning Insert – Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M				K			N		S				
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
	DCMT070202-FP4	0.2	7.75	0.04–0.12	0.1–1.0	☺	☺	☺				☺					☺								
	DCMT070204-FP4	0.4	7.75	0.05–0.16	0.1–1.5	☺	☺	☺				☺					☺								
	DCMT070208-FP4	0.8	7.75	0.08–0.20	0.1–1.5		☺	☺																	
	DCMT11T302-FP4	0.2	11.63	0.04–0.12	0.1–1.0	☺	☺	☺				☺					☺								
	DCMT11T304-FP4	0.4	11.63	0.05–0.16	0.1–1.5	☺	☺	☺				☺					☺								
	DCMT11T308-FP4	0.8	11.63	0.08–0.20	0.1–1.5	☺	☺	☺				☺					☺								
	DCMT070204-FM6	0.4	7.75	0.08–0.25	0.3–1.6											☺	☺						☺	☺	
	DCMT11T304-FM6	0.4	11.63	0.08–0.25	0.3–2.0											☺	☺						☺	☺	
	DCMT11T308-FM6	0.8	11.63	0.12–0.32	0.6–2.0											☺	☺						☺	☺	
	DCMT070204-FP6	0.4	7.75	0.06–0.18	0.3–2.0		☺	☺																	
	DCMT11T304-FP6	0.4	11.63	0.08–0.20	0.3–2.0		☺	☺																	
	DCMT11T308-FP6	0.8	11.63	0.10–0.25	0.5–2.0		☺	☺																	
	DCMT070204-FK6	0.4	7.75	0.06–0.18	0.3–2.0												☺	☺							
	DCMT11T304-FK6	0.4	11.63	0.08–0.20	0.3–2.0												☺	☺							
	DCMT11T308-FK6	0.8	11.63	0.10–0.25	0.5–2.0												☺	☺							
	DCMT11T304-MW4	0.4	11.63	0.12–0.40	0.5–4.0		☺	☺								☺	☺	☺					☺		
	DCMT11T308-MW4	0.8	11.63	0.15–0.50	0.5–4.0		☺	☺								☺	☺	☺					☺		
Wiper																									
	DCGT070201-MN2	0.1	7.75	0.02–0.06	0.5–1.5																☺	☺			
	DCGT070202-MN2	0.2	7.75	0.05–0.12	0.5–2.0								☺								☺	☺	☺		
	DCGT070204-MN2	0.4	7.75	0.08–0.25	0.6–2.5								☺								☺	☺	☺		
	DCGT11T301-MN2	0.1	11.63	0.02–0.06	0.5–1.5								☺								☺	☺	☺		
	DCGT11T302-MN2	0.2	11.63	0.05–0.12	0.5–2.0								☺								☺	☺	☺		
	DCGT11T304-MN2	0.4	11.63	0.08–0.25	0.6–3.0								☺								☺	☺	☺		
	DCGT11T308-MN2	0.8	11.63	0.10–0.30	0.8–3.5								☺								☺	☺	☺		
	DCMT070204-MM4	0.4	7.75	0.08–0.20	0.4–2.0				☺					☺	☺	☺	☺						☺	☺	
	DCMT070208-MM4	0.8	7.75	0.12–0.25	0.5–2.0				☺					☺	☺	☺	☺						☺	☺	
	DCMT11T302-MM4	0.2	11.63	0.04–0.12	0.2–2.0								☺		☺	☺	☺					☺	☺		
	DCMT11T304-MM4	0.4	11.63	0.08–0.25	0.4–3.0				☺				☺	☺	☺	☺	☺					☺	☺		
	DCMT11T308-MM4	0.8	11.63	0.12–0.32	0.5–3.0				☺				☺	☺	☺	☺	☺					☺	☺		
	DCMT11T312-MM4	1.2	11.63	0.15–0.35	0.5–3.0									☺	☺	☺						☺	☺		
	DCGT070204-MM4	0.4	7.75	0.08–0.20	0.4–2.0								☺		☺							☺	☺		
	DCGT11T302-MM4	0.2	11.63	0.04–0.12	0.2–2.0								☺		☺							☺	☺		
	DCGT11T304-MM4	0.4	11.63	0.08–0.25	0.4–3.0								☺		☺							☺	☺		
	DCGT11T308-MM4	0.8	11.63	0.12–0.32	0.5–3.0								☺		☺							☺	☺		
	DCMT070204-MP4	0.4	7.75	0.08–0.20	0.4–2.0		☺	☺																	
	DCMT070208-MP4	0.8	7.75	0.12–0.25	0.5–2.0		☺	☺																	
	DCMT11T304-MP4	0.4	11.63	0.08–0.25	0.4–3.0		☺	☺				☺													
	DCMT11T308-MP4	0.8	11.63	0.12–0.32	0.5–3.0		☺	☺				☺													
	DCMT11T312-MP4	1.2	11.63	0.15–0.35	0.5–3.0		☺	☺																	
	DCGT070204-MP4	0.4	7.75	0.08–0.20	0.4–2.0			☺																	
	DCGT11T304-MP4	0.4	11.63	0.08–0.25	0.4–3.0		☺	☺																	
	DCGT11T308-MP4	0.8	11.63	0.12–0.32	0.5–3.0		☺	☺																	
	DCMT11T304-MP6	0.4	11.63	0.10–0.25	0.4–3.5		☺	☺		☺															
	DCMT11T308-MP6	0.8	11.63	0.15–0.32	0.6–3.5		☺	☺		☺															
	DCMT150404-MP6	0.4	15.5	0.10–0.25	0.4–4.0			☺																	
	DCMT150408-MP6	0.8	15.5	0.12–0.36	0.6–4.0			☺		☺															

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

HC = Coated carbide

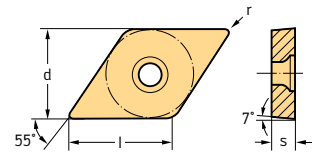
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	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
	DCMT070204-MK4	0.4	7,75	0,08–0,20	0.4–2.0													☺	☺							
	DCMT070208-MK4	0.8	7,75	0,12–0,25	0.5–2.0														☺	☺						
	DCMT11T304-MK4	0.4	11,63	0,08–0,25	0.4–3.0														☺	☺						
	DCMT11T308-MK4	0.8	11,63	0,12–0,32	0.5–3.0														☺	☺						
	DCMT11T312-MK4	1.2	11,63	0,15–0,35	0.5–3.0														☺	☺						
	DCMT070204-RM4	0.4	7,75	0,12–0,20	0.4–2.0				☺					☺	☺	☺	☺							☺	☺	☺
	DCMT070208-RM4	0.8	7,75	0,16–0,30	0.6–2.0									☺	☺		☺	☺						☺	☺	☺
	DCMT11T304-RM4	0.4	11,63	0,12–0,25	0.4–3.0				☺					☺	☺	☺	☺							☺	☺	☺
	DCMT11T308-RM4	0.8	11,63	0,16–0,35	0.6–4.0				☺					☺	☺	☺	☺							☺	☺	☺
	DCMT11T312-RM4	1.2	11,63	0,20–0,40	0.8–4.0											☺	☺							☺	☺	
	DCMT070204-RP4	0.4	7,75	0,12–0,20	0.4–2.0		☺	☺		☺																
	DCMT070208-RP4	0.8	7,75	0,16–0,30	0.6–2.0		☺	☺		☺																
	DCMT11T304-RP4	0.4	11,63	0,12–0,25	0.4–3.0		☺	☺		☺																
	DCMT11T308-RP4	0.8	11,63	0,16–0,35	0.6–4.0		☺	☺		☺																
	DCMT11T312-RP4	1.2	11,63	0,20–0,40	0.8–4.0		☺	☺		☺																
	DCMT070204-RK4	0.4	7,75	0,12–0,20	0.4–2.0															☺	☺					
	DCMT11T304-RK4	0.4	11,63	0,12–0,25	0.4–3.0															☺	☺					
	DCMT11T308-RK4	0.8	11,63	0,16–0,35	0.6–4.0															☺	☺					
	DCMT11T312-RK4	1.2	11,63	0,20–0,40	0.8–4.0																☺	☺				
	DCMW11T304-RK6	0.4	11,63	0,12–0,25	0.4–3.0															☺	☺					
	DCMW11T308-RK6	0.8	11,63	0,16–0,35	0.5–4.0															☺	☺					

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

HC = Coated carbide

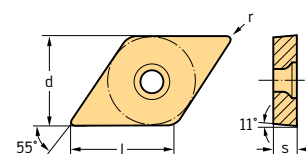
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive rhombic 55°

DPMT / DPGT

Tiger-tec® Gold



Indexable inserts

Designation	r mm	l mm	f mm	a _p mm	P		M		S	
					HC		HC		HC	
					WPP10G	WPP20G	WSM01	WSM20S	WSM01	WSM20S
	DPMT070204-FP4	0,4	7,75	0,05–0,16	0,1–1,5	☺				
	DPMT11T304-FP4	0,4	11,63	0,05–0,16	0,1–1,5	☺				
	DPMT11T308-FP4	0,8	11,63	0,08–0,20	0,1–1,5	☺				
	DPGT11T304-MM4	0,4	11,63	0,08–0,25	0,4–3,0		☺	☺	☺	☺
	DPGT11T308-MM4	0,8	11,63	0,12–0,32	0,5–3,0		☺	☺	☺	☺
	DPMT070204-MP4	0,4	7,75	0,08–0,20	0,4–2,0		☹			
	DPMT11T304-MP4	0,4	11,63	0,08–0,25	0,4–3,0		☹			
	DPMT11T308-MP4	0,8	11,63	0,12–0,32	0,5–3,0		☹			
	DPGT11T304-MP4	0,4	11,63	0,08–0,25	0,4–3,0		☹			

See the ISO 1832 designation key for dimensions

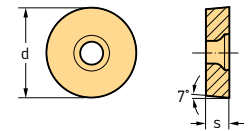
Ordering example for the grade WPP10G: DPMT070204-FP4 WPP10G

HC = Coated carbide

Turning Insert – Positive round

RCGT / RCMT / RCMX

Tiger-tec® Gold



Indexable inserts

	Designation	d mm	s mm	f mm	a _p mm	P				M				K	N		S		
						HC				HC				HC	HC	HW	HC		
						WPP10G	WPP20G	WMP20S	WPP30G	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WNN10	WN10	WSM10S	WSM20S
	RCGT0602M0-MN2	6	2,38	0,10–0,55	0,6–2,5										☺	☺			
	RCGT0803M0-MN2	8	3,18	0,12–0,60	0,7–3,0										☺	☺	☺		
	RCGT10T3M0-MN2	10	3,97	0,15–0,70	0,8–4,0										☺	☺	☺		
	RCGT120400-MN2	12,7	4,76	0,18–0,80	1,0–5,0										☺	☺			
	RCGT1204M0-MN2	12	4,76	0,18–0,80	1,0–5,0										☺	☺			
	RCMT0602M0-FM4	6	2,38	0,07–0,30	0,6–2,5					☺		☺						☺	☺
	RCMT0803M0-FM4	8	3,18	0,08–0,30	0,8–3,0					☺		☺	☺					☺	☺
	RCMT10T3M0-FM4	10	3,97	0,10–0,35	1,0–4,0					☺		☺	☺					☺	☺
	RCMT1204M0-FM4	12	4,76	0,12–0,40	1,2–5,0					☺		☺	☺					☺	☺
	RCMT0602M0-FP4	6	2,38	0,07–0,30	0,6–2,5	☺	☺												
	RCMT0803M0-FP4	8	3,18	0,08–0,30	0,8–3,0		☺												
	RCMT10T3M0-FP4	10	3,97	0,10–0,35	1,0–4,0		☺												
	RCMT1204M0-FP4	12	4,76	0,12–0,40	1,2–5,0	☺	☺												
	RCMT0602M0-RM4	6	2,38	0,08–0,50	0,6–2,5							☺	☺					☺	☺
	RCMT060300-RM4	6,35	3,180	0,08–0,5	0,6–2,5							☺						☺	☺
	RCMT0803M0-RM4	8	3,18	0,10–0,60	0,8–3,0							☺	☺					☺	☺
	RCMT09T300-RM4	9,525	3,970	0,1–0,6	0,8–3							☺						☺	☺
	RCMT10T3M0-RM4	10	3,97	0,12–0,80	1,0–4,0			☺				☺						☺	☺
	RCMT120400-RM4	12,7	4,760	0,12–1	1,2–5							☺						☺	☺
	RCMT1204M0-RM4	12	4,76	0,12–1,00	1,2–5,0			☺				☺	☺					☺	☺
	RCMT1606M0-RM4	16	6,35	0,15–1,20	1,6–7,0							☺	☺					☺	☺
	RCMT0602M0-RP4	6	2,38	0,08–0,50	0,6–2,5		☺		☺										
	RCMT060300-RP4	6,35	3,18	0,08–0,50	0,6–2,5		☺		☺										
	RCMT0803M0-RP4	8	3,18	0,10–0,60	0,8–3,0	☺	☺		☺										
	RCMT09T300-RP4	9,525	3,97	0,10–0,60	0,8–3,0		☺												
	RCMT10T3M0-RP4	10	3,97	0,12–0,80	1,0–4,0	☺	☺		☺										
	RCMT120400-RP4	12,7	4,76	0,12–1,00	1,2–5,0		☺												
	RCMT1204M0-RP4	12	4,76	0,12–1,00	1,2–5,0	☺	☺		☺										
	RCMT1605M0-RP4	16	5,56	0,15–1,20	1,6–7,0	☺	☺		☺										
	RCMT1606M0-RP4	16	6,35	0,15–1,20	1,6–7,0	☺	☺		☺										
	RCMT0602M0-RK4	6	2,38	0,08–0,50	0,6–2,5									☺					
	RCMT0803M0-RK4	8	3,18	0,10–0,60	0,8–3,0									☺					
	RCMT10T3M0-RK4	10	3,97	0,12–0,80	1,0–4,0									☺					
	RCMT1204M0-RK4	12	4,76	0,12–1,00	1,2–5,0									☺	☺				
	RCMT1605M0-RK4	16	5,56	0,15–1,20	1,6–7,0									☺	☺				
	RCMT1606M0-RK4	16	6,35	0,15–1,20	1,6–7,0									☺	☺				
	RCMT10T3M0-HU6	10	3,97	0,12–0,80	1,0–4,0	☺	☺		☺										
	RCMT1204M0-HU6	12	4,76	0,12–1,20	1,2–5,0	☺	☺		☺										
	RCMT1606M0-HU6	16	6,35	0,15–1,20	1,6–7,0	☺	☺		☺										
	RCMX2006M0-HU6	20	6,35	0,25–1,40	2,0–9,0	☺	☺		☺										
	RCMX2507M0-HU6	25	7,94	0,30–1,60	2,5–11,0	☺	☺		☺										
	RCMX3209M0-HU6	32	9,53	0,30–1,70	3,2–15,0	☺	☺		☺										

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

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

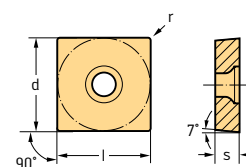
ISO indexable inserts – Positive basic shape

49

Turning Insert – Positive square

SCGT / SCMT / SCMW

Tiger-tec® Gold



Indexable inserts

Designation		r mm	l mm	f mm	a _p mm	P					M				K			N		S				
						HC			HE	HC				HC	HC	HW	HC	HC	HC					
						WKP01G	WPP10G	WPP20G		WMP20S	WPP30G	WEP10C	WSM01							WSM10S	WMP20S	WSM20S	WSM30S	
	SCGT09T304-FM2	0.4	9.53	0.08–0.25	0.2–2.5																			
	SCGT09T308-FM2	0.8	9.53	0.10–0.30	0.3–3.0																			
	SCGT120408-FM2	0.8	12.7	0.10–0.30	0.3–3.0																			
	SCGT09T304-FN2	0.4	9.53	0.08–0.25	0.2–2.5																			
	SCGT09T308-FN2	0.8	9.53	0.10–0.30	0.3–3.0																			
	SCGT120408-FN2	0.8	12.7	0.10–0.30	0.3–3.0																			
	SCMT060204-FM4	0.4	6.35	0.05–0.16	0.1–1.5																			
	SCMT09T304-FM4	0.4	9.53	0.05–0.15	0.1–1.5																			
	SCMT09T308-FM4	0.8	9.53	0.05–0.18	0.1–1.8																			
	SCMT120404-FM4	0.4	12.7	0.05–0.15	0.1–1.5																			
	SCMT120408-FM4	0.8	12.7	0.05–0.18	0.1–1.8																			
	SCMT060204-FP4	0.4	6.35	0.05–0.16	0.1–1.5																			
	SCMT09T304-FP4	0.4	9.53	0.05–0.15	0.1–1.5																			
	SCMT09T308-FP4	0.8	9.53	0.05–0.18	0.1–1.8																			
	SCMT120404-FP4	0.4	12.7	0.05–0.15	0.1–1.5																			
	SCMT120408-FP4	0.8	12.7	0.05–0.18	0.1–1.8																			
	SCMT120412-FP4	1.2	12.7	0.12–0.32	0.3–1.8																			
	SCMT09T304-FM6	0.4	9.53	0.08–0.25	0.3–2.0																			
	SCMT09T308-FM6	0.8	9.53	0.12–0.30	0.5–2.0																			
	SCMT120408-FM6	0.8	12.7	0.12–0.32	0.5–2.5																			
	SCMT09T304-FP6	0.4	9.53	0.08–0.20	0.3–2.0																			
	SCMT09T308-FP6	0.8	9.53	0.10–0.25	0.5–2.0																			
	SCMT120408-FP6	0.8	12.7	0.12–0.32	0.5–2.5																			
	SCMT09T304-FK6	0.4	9.53	0.08–0.20	0.3–2.0																			
	SCMT09T308-FK6	0.8	9.53	0.10–0.25	0.5–2.0																			
	SCMT120408-FK6	0.8	12.7	0.12–0.32	0.5–2.5																			
	SCGT09T304-MN2	0.4	9.53	0.08–0.25	0.6–4.0																			
	SCGT09T308-MN2	0.8	9.53	0.10–0.35	0.7–4.0																			
	SCGT120408-MN2	0.8	12.7	0.10–0.40	0.8–6.0																			
	SCMT09T304-MM4	0.4	9.53	0.08–0.25	0.4–3.0																			
	SCMT09T308-MM4	0.8	9.53	0.12–0.32	0.5–3.0																			
	SCMT120408-MM4	0.8	12.7	0.12–0.32	0.5–3.5																			
	SCGT09T304-MM4	0.4	9.53	0.08–0.25	0.4–3.0																			
	SCGT09T308-MM4	0.8	9.53	0.12–0.32	0.5–3.0																			
	SCGT120408-MM4	0.8	12.7	0.12–0.32	0.5–3.5																			
	SCMT09T304-MP4	0.4	9.53	0.08–0.25	0.4–3.0																			
	SCMT09T308-MP4	0.8	9.53	0.12–0.32	0.5–3.0																			
	SCMT120408-MP4	0.8	12.7	0.12–0.32	0.5–3.5																			
	SCGT09T304-MP4	0.4	9.53	0.08–0.25	0.4–3.0																			
	SCGT09T308-MP4	0.8	9.53	0.12–0.32	0.5–3.0																			
	SCGT120408-MP4	0.8	12.7	0.12–0.32	0.5–3.5																			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WSM20S: SCGT09T304-FM2 WSM20S

HC = Coated carbide

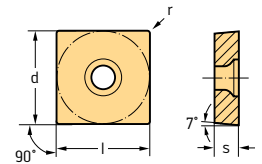
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive square

SCGT / SCMT / SCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P					M					K			N		S			
						HC					HC					HC			HC		HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
	SCMT09T304-MK4	0,4	9,53	0,08–0,25	0,4–3,0											☺	☺							
	SCMT09T308-MK4	0,8	9,53	0,12–0,32	0,5–3,0											☺	☺	☺						
	SCMT120408-MK4	0,8	12,7	0,12–0,32	0,5–3,5											☺	☺	☺						
	SCGT09T308-MK4	0,8	9,53	0,12–0,32	0,5–3,0												☺							
	SCMT09T304-RM4	0,4	9,53	0,12–0,25	0,4–3,0									☺	☺							☺	☺	☺
	SCMT09T308-RM4	0,8	9,53	0,16–0,35	0,6–4,0				☺				☺	☺	☺						☺	☺	☺	☺
	SCMT120404-RM4	0,4	12,7	0,12–0,25	0,4–3,0									☺	☺							☺	☺	☺
	SCMT120408-RM4	0,8	12,7	0,16–0,40	0,6–5,0				☺				☺	☺	☺						☺	☺	☺	☺
	SCMT120412-RM4	1,2	12,7	0,20–0,50	0,8–5,0				☺					☺	☺							☺	☺	☺
	SCMT09T304-RP4	0,4	9,53	0,12–0,25	0,4–3,0		☺	☺		☺														
	SCMT09T308-RP4	0,8	9,53	0,16–0,35	0,6–4,0		☺	☺		☺														
	SCMT09T312-RP4	1,2	9,53	0,20–0,45	0,8–5,0		☺	☺		☺														
	SCMT120404-RP4	0,4	12,7	0,12–0,25	0,4–3,0		☺	☺		☺														
	SCMT120408-RP4	0,8	12,7	0,16–0,40	0,6–5,0		☺	☺		☺														
	SCMT120412-RP4	1,2	12,7	0,20–0,50	0,8–5,0		☺	☺		☺														
	SCMT09T304-RK4	0,4	9,53	0,12–0,25	0,4–3,0												☺	☺						
	SCMT09T308-RK4	0,8	9,53	0,16–0,35	0,6–4,0												☺	☺	☺					
	SCMT120404-RK4	0,4	12,7	0,12–0,25	0,4–3,0												☺	☺	☺					
	SCMT120408-RK4	0,8	12,7	0,16–0,40	0,6–5,0												☺	☺	☺					
	SCMT120412-RK4	1,2	12,7	0,20–0,50	0,8–5,0												☺	☺						
	SCMW09T304-RK6	0,4	9,53	0,12–0,25	0,4–3,0													☺						
	SCMW09T308-RK6	0,8	9,53	0,16–0,35	0,6–4,0												☺	☺	☺					
	SCMW120404-RK6	0,4	12,7	0,12–0,25	0,4–4,0													☺						
	SCMW120408-RK6	0,8	12,7	0,16–0,40	0,6–5,0													☺						
	SCMW120412-RK6	1,2	12,7	0,20–0,50	0,8–5,0													☺						

See the ISO 1832 designation key for dimensions

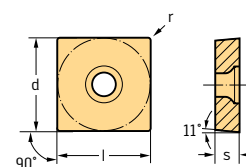
Ordering example for the grade WSM20S: SCGT09T304-FM2 WSM20S

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

Turning Insert – Positive square

SPMT / SPGT / SPMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P	M	K	S
						HC	HC	HC	HC
						WPP20G	WSM01	WSM20S	WKK20S
	SPMT09T304-MM4	0,4	9,53	0,08–0,25	0,4–3,0				
	SPMT09T308-MM4	0,8	9,53	0,12–0,32	0,5–3,0				
	SPGT09T304-MM4	0,4	9,53	0,08–0,25	0,4–3,0				
	SPGT09T308-MM4	0,8	9,53	0,12–0,32	0,5–3,0				
	SPMT09T304-MP4	0,4	9,53	0,08–0,25	0,4–3,0				
	SPMT09T308-MP4	0,8	9,53	0,12–0,32	0,5–3,0				
	SPMT09T304-MK4	0,4	9,53	0,08–0,25	0,4–3,0				
	SPMT09T308-MK4	0,8	9,53	0,12–0,32	0,5–3,0				
	SPGT09T304-MK4	0,4	9,53	0,08–0,25	0,4–3,0				
	SPGT09T308-MK4	0,8	9,53	0,12–0,32	0,5–3,0				
	SPMW09T308-RK6	0,8	9,53	0,16–0,35	0,6–4,0				
	SPMW120408-RK6	0,8	12,7	0,16–0,40	0,6–5,0				

See the ISO 1832 designation key for dimensions

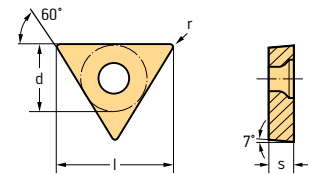
Ordering example for the grade WSM20S: SPMT09T304-MM4 WSM20S

HC = Coated carbide

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P						M					K			N		S			
						HC			HE			HC			HC			HC		HW	HC		HC		
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S
	TCMT090202-FW4	0,2	9,62	0,03–0,15	0,1–1,5																				
	TCMT090204-FW4	0,4	9,62	0,05–0,30	0,2–2,0																				
	TCMT110204-FW4	0,4	11	0,07–0,30	0,2–2,5																				
	TCMT110208-FW4	0,8	11	0,12–0,40	0,3–2,5																				
	TCMT16T304-FW4	0,4	16,5	0,07–0,35	0,2–2,5																				
	TCMT16T308-FW4	0,8	16,5	0,12–0,50	0,3–2,5																				
	TCGT06T101-FN2	0,1	6,87	0,02–0,06	0,1–1,5																				
	TCGT06T102-FN2	0,2	6,87	0,05–0,12	0,2–2,0																				
	TCGT06T104-FN2	0,4	6,87	0,08–0,25	0,2–2,5																				
	TCGT090202-FN2	0,2	9,62	0,05–0,12	0,2–2,0																				
	TCGT090204-FN2	0,4	9,62	0,08–0,25	0,2–2,5																				
	TCGT110202-FN2	0,2	11	0,05–0,12	0,2–2,0																				
	TCGT110204-FN2	0,4	11	0,08–0,25	0,2–2,5																				
	TCGT16T304-FN2	0,4	16,5	0,08–0,25	0,2–2,5																				
	TCGT16T308-FN2	0,8	16,5	0,10–0,30	0,3–3,0																				
	TCGT06T101-FM2	0,1	6,87	0,02–0,06	0,1–1,5																				
	TCGT06T102-FM2	0,2	6,87	0,05–0,12	0,2–2,0																				
	TCGT06T104-FM2	0,4	6,87	0,08–0,25	0,2–2,5																				
	TCGT090202-FM2	0,2	9,62	0,05–0,12	0,2–2,0																				
	TCGT090204-FM2	0,4	9,62	0,08–0,25	0,2–2,5																				
	TCGT110201-FM2	0,1	11	0,02–0,06	0,1–1,5																				
	TCGT110202-FM2	0,2	11	0,05–0,12	0,2–2,0																				
	TCGT110204-FM2	0,4	11	0,08–0,25	0,2–2,5																				
	TCGT16T302-FM2	0,2	16,5	0,05–0,12	0,2–2,0																				
	TCGT16T304-FM2	0,4	16,5	0,08–0,25	0,2–2,5																				
	TCGT16T308-FM2	0,8	16,5	0,10–0,30	0,3–3,0																				
	TCGT06T104M-FP2	0,37	6,87	0,08–0,25	0,2–2,0																				
	TCGT090204M-FP2	0,37	9,62	0,08–0,25	0,2–2,5																				
	TCGT110202M-FP2	0,17	11	0,05–0,12	0,2–2,0																				
	TCGT110204M-FP2	0,37	11	0,08–0,25	0,2–2,5																				
	TCGT090204MR-FX4	0,37	9,62	0,05–0,15	0,1–2,0																				
	TCGT110204MR-FX4	0,37	11	0,05–0,15	0,1–2,0																				
	TCGT090204ML-FX4	0,37	9,62	0,05–0,15	0,1–2,0																				
	TCGT110204ML-FX4	0,37	11	0,05–0,15	0,1–2,0																				
	TCMT06T102-FM4	0,2	6,87	0,02–0,10	0,1–1,0																				
	TCMT06T104-FM4	0,4	6,87	0,04–0,17	0,1–1,0																				
	TCMT090202-FM4	0,2	9,62	0,04–0,12	0,1–1,0																				
	TCMT090204-FM4	0,4	9,62	0,05–0,16	0,1–1,5																				
	TCMT090208-FM4	0,8	9,62	0,08–0,20	0,1–1,5																				
	TCMT110202-FM4	0,2	11	0,04–0,12	0,1–1,0																				
	TCMT110204-FM4	0,4	11	0,05–0,16	0,1–1,5																				
	TCMT110208-FM4	0,8	11	0,08–0,20	0,1–1,5																				
	TCMT16T302-FM4	0,2	16,5	0,04–0,12	0,1–1,0																				
	TCMT16T304-FM4	0,4	16,5	0,05–0,16	0,1–1,5																				

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

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

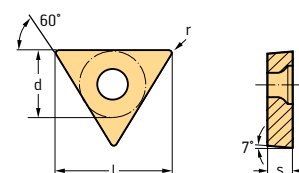
ISO indexable inserts – Positive basic shape

53

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M					K			N		S					
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM21
	TCMT16T304-FM4	0,4	16,5	0,05–0,16	0,1–1,5																						
	TCMT16T308-FM4	0,8	16,5	0,08–0,20	0,1–1,5																						
	TCMT06T102-FP4	0,2	6,87	0,02–0,10	0,1–1,0																						
	TCMT06T104-FP4	0,4	6,87	0,04–0,17	0,1–1,0																						
	TCMT090202-FP4	0,2	9,62	0,04–0,12	0,1–1,0																						
	TCMT090204-FP4	0,4	9,62	0,05–0,16	0,1–1,5																						
	TCMT090208-FP4	0,8	9,62	0,08–0,20	0,1–1,5																						
	TCMT110202-FP4	0,2	11	0,04–0,12	0,1–1,0																						
	TCMT110204-FP4	0,4	11	0,05–0,16	0,1–1,5																						
	TCMT110208-FP4	0,8	11	0,08–0,20	0,1–1,5																						
	TCMT110304-FP4	0,4	11	0,05–0,16	0,1–1,5																						
	TCMT110308-FP4	0,8	11	0,08–0,20	0,1–1,5																						
	TCMT16T302-FP4	0,2	16,5	0,04–0,12	0,1–1,0																						
	TCMT16T304-FP4	0,4	16,5	0,05–0,16	0,1–1,5																						
TCMT16T308-FP4	0,8	16,5	0,08–0,20	0,1–1,5																							
	TCMT110204-FM6	0,4	11	0,08–0,25	0,3–1,6																						
	TCMT110208-FM6	0,8	11	0,12–0,30	0,5–1,6																						
	TCMT16T304-FM6	0,4	16,5	0,08–0,25	0,3–2,0																						
	TCMT16T308-FM6	0,8	16,5	0,12–0,32	0,5–2,5																						
	TCMT110204-FP6	0,4	11	0,06–0,18	0,3–2,0																						
	TCMT110208-FP6	0,8	11	0,10–0,20	0,5–2,0																						
	TCMT16T304-FP6	0,4	16,5	0,08–0,20	0,3–2,0																						
	TCMT16T308-FP6	0,8	16,5	0,10–0,25	0,5–2,0																						
	TCMT110204-FK6	0,4	11	0,06–0,18	0,3–2,0																						
	TCMT110208-FK6	0,8	11	0,10–0,20	0,5–2,0																						
	TCMT16T304-FK6	0,4	16,5	0,08–0,20	0,3–2,0																						
	TCMT16T308-FK6	0,8	16,5	0,10–0,25	0,5–2,0																						
	TCMT16T304-MW4	0,4	16,5	0,12–0,40	0,5–4,0																						
	TCMT16T308-MW4	0,8	16,5	0,15–0,50	0,5–4,0																						
																											
	TCGT110201-MN2	0,1	11	0,02–0,06	0,5–1,5																						
	TCGT110202-MN2	0,2	11	0,05–0,12	0,6–2,0																						
	TCGT110204-MN2	0,4	11	0,08–0,25	0,6–3,0																						
	TCGT16T302-MN2	0,2	16,5	0,05–0,12	0,5–2,0																						
	TCGT16T304-MN2	0,4	16,5	0,08–0,25	0,6–4,0																						
	TCGT16T308-MN2	0,8	16,5	0,10–0,35	0,8–4,0																						
	TCMT090204-MM4	0,4	9,62	0,08–0,20	0,4–2,0																						
	TCMT090208-MM4	0,8	9,62	0,12–0,25	0,5–2,0																						
	TCMT110204-MM4	0,4	11	0,08–0,20	0,4–2,0																						
	TCMT110208-MM4	0,8	11	0,12–0,30	0,5–2,0																						
	TCMT16T304-MM4	0,4	16,5	0,08–0,25	0,4–3,0																						
	TCMT16T308-MM4	0,8	16,5	0,12–0,32	0,5–3,0																						
	TCMT220408-MM4	0,8	22	0,12–0,32	0,5–3,5																						

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

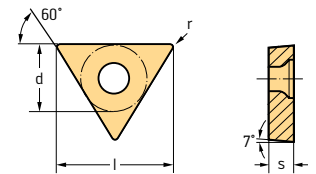
WALTER SELECT

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

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	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	WNI0	WSM01	WSM10S	WSM20S
	TCGT090204-MM4	0.4	9.62	0.08–0.20	0.4–2.0																					
	TCGT110204-MM4	0.4	11	0.08–0.20	0.4–2.0																					
	TCGT110208-MM4	0.8	11	0.12–0.30	0.5–2.0																					
	TCGT16T308-MM4	0.8	16.5	0.12–0.32	0.5–3.0																					
	TCMT090204-MP4	0.4	9.62	0.08–0.20	0.4–2.0																					
	TCMT090208-MP4	0.8	9.62	0.12–0.25	0.5–2.0																					
	TCMT110204-MP4	0.4	11	0.08–0.20	0.4–2.0																					
	TCMT110208-MP4	0.8	11	0.12–0.30	0.5–2.0																					
	TCMT110304-MP4	0.4	11	0.08–0.20	0.4–2.0																					
	TCMT110308-MP4	0.8	11	0.12–0.30	0.5–2.0																					
	TCMT16T304-MP4	0.4	16.5	0.08–0.25	0.4–3.0																					
	TCMT16T308-MP4	0.8	16.5	0.12–0.32	0.5–3.0																					
TCMT220408-MP4	0.8	22	0.12–0.32	0.5–3.5																						
	TCGT090204-MP4	0.4	9.62	0.08–0.20	0.4–2.0																					
	TCGT110204-MP4	0.4	11	0.08–0.20	0.4–2.0																					
	TCGT110208-MP4	0.8	11	0.12–0.30	0.5–2.0																					
	TCMT110204-MP6	0.4	11	0.10–0.20	0.4–2.5																					
	TCMT110304-MP6	0.4	11	0.12–0.25	0.4–3.0																					
	TCMT110308-MP6	0.8	11	0.16–0.30	0.6–3.0																					
	TCMT16T304-MP6	0.4	16.5	0.10–0.25	0.4–3.5																					
	TCMT16T308-MP6	0.8	16.5	0.15–0.32	0.6–3.5																					
	TCMT090204-MK4	0.4	9.62	0.08–0.20	0.4–2.0																					
	TCMT090208-MK4	0.8	9.62	0.12–0.25	0.5–2.0																					
	TCMT110204-MK4	0.4	11	0.08–0.20	0.4–2.0																					
	TCMT110208-MK4	0.8	11	0.12–0.30	0.5–2.0																					
	TCMT16T304-MK4	0.4	16.5	0.08–0.25	0.4–3.0																					
	TCMT16T308-MK4	0.8	16.5	0.12–0.32	0.5–3.0																					
	TCGT110204-MK4	0.4	11	0.08–0.20	0.4–2.0																					
	TCGT16T308-MK4	0.8	16.5	0.12–0.32	0.5–3.0																					
	TCMT090204-RM4	0.4	9.62	0.12–0.25	0.4–3.0																					
	TCMT090208-RM4	0.8	9.62	0.16–0.30	0.6–3.0																					
	TCMT110204-RM4	0.4	11	0.12–0.25	0.4–3.0																					
	TCMT110208-RM4	0.8	11	0.16–0.30	0.6–3.0																					
	TCMT16T304-RM4	0.4	16.5	0.12–0.25	0.4–3.0																					
	TCMT16T308-RM4	0.8	16.5	0.16–0.35	0.6–4.0																					
	TCMT16T312-RM4	1.2	16.5	0.20–0.40	0.8–4.0																					
	TCMT090204-RP4	0.4	9.62	0.12–0.25	0.4–3.0																					
	TCMT090208-RP4	0.8	9.62	0.16–0.30	0.6–3.0																					
	TCMT110204-RP4	0.4	11	0.12–0.25	0.4–3.0																					
	TCMT110208-RP4	0.8	11	0.16–0.30	0.6–3.0																					
	TCMT16T304-RP4	0.4	16.5	0.12–0.25	0.4–3.0																					
	TCMT16T308-RP4	0.8	16.5	0.16–0.35	0.6–4.0																					
	TCMT16T312-RP4	1.2	16.5	0.20–0.40	0.8–4.0																					

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

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

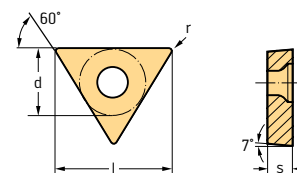
ISO indexable inserts – Positive basic shape

55

Turning Insert – Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P						M					K			N		S				
						HC			HE			HC					HC			HC HW		HC				
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM05S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
	TCMT090204-RK4	0,4	9,62	0,12–0,25	0,4–3,0																					
	TCMT090208-RK4	0,8	9,62	0,16–0,30	0,6–3,0																					
	TCMT110204-RK4	0,4	11	0,12–0,25	0,4–3,0																					
	TCMT110208-RK4	0,8	11	0,16–0,30	0,6–3,0																					
	TCMT16T304-RK4	0,4	16,5	0,12–0,25	0,4–3,0																					
	TCMT16T308-RK4	0,8	16,5	0,16–0,35	0,6–4,0																					
	TCMT16T312-RK4	1,2	16,5	0,20–0,40	0,8–4,0																					
	TCMW110204-RK6	0,4	11	0,12–0,25	0,4–3,0																					
	TCMW110208-RK6	0,8	11	0,16–0,30	0,6–3,0																					
	TCMW16T304-RK6	0,4	16,5	0,12–0,25	0,4–3,0																					
	TCMW16T308-RK6	0,8	16,5	0,16–0,35	0,6–4,0																					

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

HC = Coated carbide

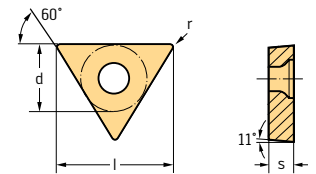
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive triangular 60°

TPMT / TPGT / TPMW / TPMR / TPGN

Tiger-tec® Gold



Indexable inserts

Designation	r mm	l mm	f mm	a _p mm	P		M		K		S	
					HC		HC		HC		HC	
					WPP10G	WPP20G	WSM01	WSM20S	WKK20S	WSM01	WSM20S	
	TPMT110204-FM4	0,4	11	0,05–0,16	0,1–1,5							
	TPMT16T304-FM4	0,4	16,5	0,05–0,16	0,1–1,5							
	TPMT110204-FP4	0,4	11	0,05–0,16	0,1–1,5							
	TPMT16T304-FP4	0,4	16,5	0,05–0,16	0,1–1,5							
	TPMT090204-MM4	0,4	9,62	0,08–0,20	0,4–2,0							
	TPGT090204-MM4	0,4	9,62	0,08–0,20	0,4–2,0							
	TPGT110204-MM4	0,4	11	0,08–0,20	0,4–2,0							
	TPGT16T304-MM4	0,4	16,5	0,08–0,25	0,4–3,0							
	TPGT16T308-MM4	0,8	16,5	0,12–0,32	0,5–3,0							
	TPMT090204-MP4	0,4	9,62	0,08–0,20	0,4–2,0							
	TPMT110204-MP4	0,4	11	0,08–0,20	0,4–2,0							
	TPMT110208-MP4	0,8	11	0,12–0,30	0,5–2,0							
	TPMT16T304-MP4	0,4	16,5	0,08–0,25	0,4–3,0							
	TPMT16T308-MP4	0,8	16,5	0,12–0,32	0,5–3,0							
	TPGT090204-MP4	0,4	9,62	0,08–0,20	0,4–2,0							
	TPGT110204-MP4	0,4	11	0,08–0,20	0,4–2,0							
	TPGT16T304-MP4	0,4	16,5	0,08–0,25	0,4–3,0							
	TPGT16T308-MP4	0,8	16,5	0,12–0,32	0,5–3,0							
	TPMT090204-MK4	0,4	9,62	0,08–0,20	0,4–2,0							
	TPMT090208-MK4	0,8	9,62	0,12–0,20	0,5–2,0							
	TPMT110204-MK4	0,4	11	0,08–0,20	0,4–2,0							
	TPGT090204-MK4	0,4	9,62	0,08–0,20	0,4–2,0							
	TPGT110208-MK4	0,8	11	0,12–0,30	0,5–2,0							
	TPMW110204-RK6	0,4	11	0,12–0,25	0,4–2,5							
	TPMW16T304-RK6	0,4	16,5	0,12–0,25	0,4–3,0							
	TPMW16T308-RK6	0,8	16,5	0,16–0,35	0,6–4,0							
	TPMR110304	0,4	11	0,12–0,25	0,4–3,0							
	TPMR110308	0,8	11	0,12–0,25	0,4–3,0							
	TPMR160304	0,4	16,5	0,12–0,25	0,4–3,0							
	TPMR160308	0,8	16,5	0,16–0,30	0,6–4,0							
	TPGN110308	0,8	11	0,12–0,20	0,8–2,0							
	TPGN160304	0,4	16,5	0,10–0,25	0,4–3,0							
	TPGN160308	0,8	16,5	0,12–0,30	0,8–3,0							

See the ISO 1832 designation key for dimensions

Ordering example for the grade WSM20S: TPMT110204-FM4 WSM20S

HC = Coated carbide

WALTER SELECT

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

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

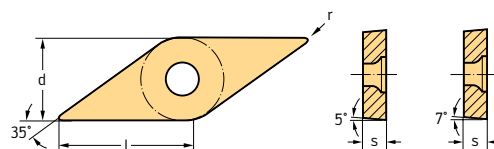
ISO indexable inserts – Positive basic shape

57

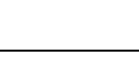
Turning Insert – Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT / VCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	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	WSM10S	WSM20S
	VBGT110302-FL2	0.2	11.07	0.04–0.10	0.1–1.0																				
	VBGT110304-FL2	0.4	11.07	0.06–0.15	0.2–1.5																				
	VCGT110301-FN2	0.1	11.07	0.02–0.06	0.1–1.5																				
	VCGT110302-FN2	0.2	11.07	0.05–0.12	0.2–2.0																				
	VCGT110304-FN2	0.4	11.07	0.08–0.25	0.2–2.5																				
	VCGT160402-FN2	0.2	16.61	0.05–0.12	0.2–2.0																				
	VCGT160404-FN2	0.4	16.61	0.08–0.25	0.2–2.5																				
	VCGT160408-FN2	0.8	16.61	0.10–0.30	0.3–3.0																				
	VCGT110301-FM2	0.1	11.07	0.02–0.06	0.1–1.5																				
	VCGT110302-FM2	0.2	11.07	0.05–0.12	0.2–2.0																				
	VCGT110304-FM2	0.4	11.07	0.08–0.25	0.2–2.5																				
	VCGT160402-FM2	0.2	16.61	0.05–0.12	0.2–2.0																				
	VCGT160404-FM2	0.4	16.61	0.08–0.25	0.2–2.5																				
	VCGT160408-FM2	0.8	16.61	0.10–0.30	0.3–3.0																				
	VCGT1103005M-FP2	0.03	11.07	0.01–0.04	0.1–1.0																				
	VCGT110301M-FP2	0.07	11.07	0.02–0.06	0.1–1.5																				
	VCGT110302M-FP2	0.17	11.07	0.05–0.12	0.2–2.0																				
	VCGT110304M-FP2	0.37	11.07	0.08–0.25	0.2–2.5																				
	VCGT160402M-FP2	0.17	16.61	0.05–0.12	0.2–2.0																				
	VCGT160404M-FP2	0.37	16.61	0.08–0.25	0.2–2.5																				
	VCGT160408M-FP2	0.77	16.61	0.10–0.30	0.3–3.0																				
	VCGT110302MR-FX4	0.17	11.07	0.02–0.10	0.1–1.5																				
	VCGT110304MR-FX4	0.37	11.07	0.05–0.15	0.1–2.0																				
	VCGT160404MR-FX4	0.37	16.61	0.05–0.15	0.1–2.0																				
	VCGT110302ML-FX4	0.17	11.07	0.02–0.10	0.1–1.5																				
	VCGT110304ML-FX4	0.37	11.07	0.05–0.15	0.1–2.0																				
	VCGT160404ML-FX4	0.37	16.61	0.05–0.15	0.1–2.0																				
	VCMT110302-FM4	0.2	11.07	0.04–0.12	0.1–1.0																				
	VCMT110304-FM4	0.4	11.07	0.05–0.16	0.1–1.5																				
	VCMT160402-FM4	0.2	16.61	0.04–0.12	0.1–1.0																				
	VCMT160404-FM4	0.4	16.61	0.05–0.16	0.1–1.5																				
	VCMT160408-FM4	0.8	16.61	0.08–0.20	0.1–1.5																				
	VCMT110302-FP4	0.2	11.07	0.04–0.12	0.1–1.0																				
	VCMT110304-FP4	0.4	11.07	0.05–0.16	0.1–1.5																				
	VCMT160402-FP4	0.2	16.61	0.04–0.12	0.1–1.0																				
	VCMT160404-FP4	0.4	16.61	0.05–0.16	0.1–1.5																				
	VCMT160408-FP4	0.8	16.61	0.08–0.20	0.1–1.5																				
	VBMT110304-FM6	0.4	11.07	0.08–0.20	0.3–1.6																				
	VBMT110308-FM6	0.8	11.07	0.12–0.30	0.5–1.6																				
	VBMT160404-FM6	0.4	16.61	0.08–0.20	0.3–2.0																				
	VBMT160408-FM6	0.8	16.61	0.12–0.30	0.6–2.5																				
	VBMT160412-FM6	1.2	16.61	0.15–0.30	1.0–2.5																				

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

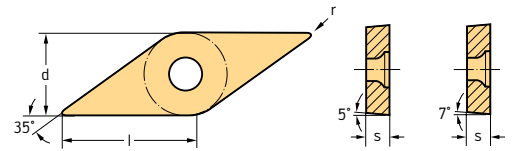
WALTER SELECT

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

Turning Insert – Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT / VCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	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	WNI10	WSM01	WSM10S	WSM20S
	VBMT110304-FP6	0,4	11,07	0,06–0,18	0,3–2,0	☺	☺	☺																	
	VBMT110308-FP6	0,8	11,07	0,10–0,20	0,5–2,0	☺	☺	☺																	
	VBMT160404-FP6	0,4	16,61	0,08–0,20	0,3–2,0	☺	☺	☺																	
	VBMT160406-FP6	0,6	16,61	0,10–0,25	0,4–2,0	☺	☺	☺																	
	VBMT160408-FP6	0,8	16,61	0,10–0,25	0,5–2,0	☺	☺	☺																	
	VBMT160412-FP6	1,2	16,61	0,12–0,30	0,6–2,0	☺	☺	☺																	
	VBMT110304-FK6	0,4	11,07	0,06–0,18	0,3–2,0													☺							
	VBMT160404-FK6	0,4	16,61	0,08–0,20	0,3–2,0													☺	☺	☺					
	VBMT160406-FK6	0,6	16,61	0,10–0,25	0,4–2,0													☺	☺	☺					
	VBMT160408-FK6	0,8	16,61	0,10–0,25	0,5–2,0													☺	☺	☺					
	VBMT160412-FK6	1,2	16,61	0,12–0,30	0,6–2,0													☺	☺	☺					
	VCGT110301-MN2	0,1	11,07	0,02–0,06	0,5–1,5															☺	☺				
	VCGT110302-MN2	0,2	11,07	0,05–0,12	0,5–2,0															☺	☺	☺			
	VCGT110304-MN2	0,4	11,07	0,08–0,25	0,6–2,5															☺	☺	☺			
	VCGT110308-MN2	0,8	11,07	0,10–0,35	0,8–3,0															☺	☺	☺			
	VCGT130301-MN2	0,1	13,1	0,02–0,06	0,5–1,5															☺	☺				
	VCGT130302-MN2	0,2	13,1	0,05–0,12	0,5–2,0															☺	☺	☺			
	VCGT130304-MN2	0,4	13,1	0,08–0,25	0,6–3,0															☺	☺	☺			
	VCGT160404-MN2	0,4	16,61	0,08–0,25	0,6–3,5								☺							☺	☺	☺	☺		
	VCGT160408-MN2	0,8	16,61	0,10–0,35	0,8–3,5								☺							☺	☺	☺	☺		
	VCGT160412-MN2	1,2	16,61	0,10–0,45	1,0–3,5															☺	☺				
	VBMT110302-MM4	0,2	11,07	0,05–0,12	0,2–1,5								☺									☺			
	VBMT110304-MM4	0,4	11,07	0,08–0,20	0,4–1,5				☺				☺	☺	☺	☺						☺	☺	☺	
	VBMT110308-MM4	0,8	11,07	0,12–0,25	0,5–1,5									☺								☺	☺	☺	
	VBMT160402-MM4	0,2	16,61	0,05–0,12	0,2–2,0								☺									☺			
	VBMT160404-MM4	0,4	16,61	0,08–0,20	0,4–2,0				☺				☺	☺	☺	☺						☺	☺	☺	☺
	VBMT160408-MM4	0,8	16,61	0,12–0,30	0,5–2,0				☺				☺	☺	☺	☺	☺					☺	☺	☺	☺
	VBMT160412-MM4	1,2	16,61	0,12–0,32	0,5–2,0									☺		☺	☺					☺	☺	☺	☺
	VCMT160404-MM4	0,4	16,61	0,08–0,20	0,4–2,0				☺				☺	☺	☺							☺	☺	☺	☺
	VCMT160408-MM4	0,8	16,61	0,12–0,30	0,5–2,0				☺				☺	☺	☺							☺	☺	☺	☺
	VCGT110302-MM4	0,2	11,07	0,05–0,12	0,2–1,5								☺									☺			
	VCGT110304-MM4	0,4	11,07	0,08–0,20	0,4–1,5								☺									☺	☺	☺	☺
	VCGT160402-MM4	0,2	16,61	0,05–0,12	0,2–2,0								☺									☺			
	VCGT160404-MM4	0,4	16,61	0,08–0,20	0,4–2,0								☺	☺	☺	☺						☺	☺	☺	☺
	VCGT160408-MM4	0,8	16,61	0,12–0,30	0,5–2,0								☺	☺	☺	☺						☺	☺	☺	☺
	VBMT110304-MP4	0,4	11,07	0,08–0,20	0,4–1,5	☺	☺	☺																	
	VBMT110308-MP4	0,8	11,07	0,12–0,25	0,5–1,5	☺	☺	☺																	
	VBMT160404-MP4	0,4	16,61	0,08–0,20	0,4–2,0	☺	☺	☺																	
	VBMT160406-MP4	0,6	16,61	0,12–0,25	0,5–2,0	☺	☺	☺																	
	VBMT160408-MP4	0,8	16,61	0,12–0,30	0,5–2,0	☺	☺	☺																	
	VBMT160412-MP4	1,2	16,61	0,12–0,32	0,5–2,0	☺	☺	☺																	
	VCMT160404-MP4	0,4	16,61	0,08–0,20	0,4–2,0	☺	☺	☺			☺														
	VCMT160408-MP4	0,8	16,61	0,12–0,30	0,5–2,0	☺	☺	☺			☺														
	VBMT160404-MP6	0,4	16,61	0,10–0,25	0,4–2,5	☺	☺	☺																	
	VBMT160408-MP6	0,8	16,61	0,15–0,30	0,6–2,5	☺	☺	☺																	

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

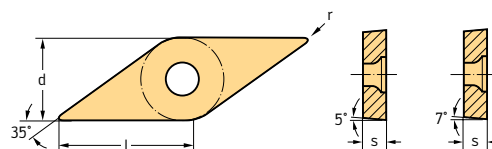
ISO indexable inserts – Positive basic shape

59

Turning Insert – Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT / VCMW

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	ap mm	P						M				K			N		S					
						HC				HE		HC				HC	HC	HW	HC		HC					
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP01C	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S
	VBMT160404-MK4	0,4	16,61	0,08–0,20	0,4–2,0													☺	☺	☺						
	VBMT160408-MK4	0,8	16,61	0,12–0,30	0,5–2,0													☺	☺	☺						
	VBMT160412-MK4	1,2	16,61	0,12–0,32	0,5–2,0															☺						
	VCMT110304-RM4	0,4	11,07	0,12–0,20	0,4–2,5				☺					☺		☺	☺							☺	☺	☺
	VCMT110308-RM4	0,8	11,07	0,16–0,25	0,6–3,0											☺	☺							☺	☺	☺
	VCMT160404-RM4	0,4	16,61	0,12–0,25	0,4–2,5				☺					☺	☺	☺	☺							☺	☺	☺
	VCMT160408-RM4	0,8	16,61	0,16–0,30	0,6–3,0				☺					☺	☺	☺	☺							☺	☺	☺
	VCMT160412-RM4	1,2	16,61	0,20–0,35	0,8–3,0											☺	☺							☺	☺	☺
	VCMT110304-RP4	0,4	11,07	0,12–0,20	0,4–2,5		☺	☺		☺																
	VCMT110308-RP4	0,8	11,07	0,16–0,25	0,6–3,0		☺	☺																		
	VCMT160404-RP4	0,4	16,61	0,12–0,25	0,4–2,5		☺	☺		☺																
	VCMT160406-RP4	0,6	16,61	0,15–0,25	0,6–3,0		☺	☺																		
	VCMT160408-RP4	0,8	16,61	0,16–0,30	0,6–3,0		☺	☺		☺																
	VCMT160412-RP4	1,2	16,61	0,20–0,35	0,8–3,0		☺	☺		☺																
	VCMT110304-RK4	0,4	11,07	0,12–0,20	0,4–2,5															☺						
	VCMT110308-RK4	0,8	11,07	0,16–0,25	0,6–3,0														☺	☺	☺					
	VCMT160404-RK4	0,4	16,61	0,12–0,25	0,4–2,5															☺	☺					
	VCMT160408-RK4	0,8	16,61	0,16–0,30	0,6–3,0															☺	☺					
	VCMT160412-RK4	1,2	16,61	0,20–0,35	0,8–3,0															☺	☺					
	VCMW160404-RK6	0,4	16,61	0,12–0,25	0,4–2,5														☺	☺	☺					
	VCMW160408-RK6	0,8	16,61	0,16–0,30	0,6–3,0														☺	☺	☺					
	VCMW160412-RK6	1,2	16,61	0,20–0,35	0,8–3,0														☺	☺						

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: VBGT110302-FL2 WPP20G

HC = Coated carbide

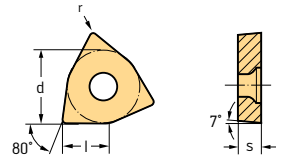
HE = Coated cermet

HW = Uncoated carbide

Turning Insert – Positive Trigon 80°

WCGT / WCMT

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	P			M		K	N	S		
						HC			HC		HC	HC	HC		
						WPP10G	WPP20G	WPP30G	WSM20S	WSM21	WSM30S	WKK20S	WNN10	WSM20S	WSM21
	WCGT020102-FN2	0,2	2,7	0,05–0,12	0,2–1,5										
	WCGT020104-FN2	0,4	2,7	0,08–0,20	0,2–1,5										
	WCGT030202-FN2	0,2	3,91	0,05–0,12	0,2–2,0										
	WCGT030204-FN2	0,4	3,91	0,08–0,25	0,2–2,5										
	WCGT040202-FN2	0,2	4,34	0,05–0,12	0,2–2,0										
	WCGT040204-FN2	0,4	4,34	0,08–0,25	0,2–2,5										
	WCGT06T304-FN2	0,4	6,52	0,08–0,25	0,2–2,5										
	WCGT06T308-FN2	0,8	6,52	0,10–0,30	0,3–3,0										
	WCGT030202-FM2	0,2	3,91	0,05–0,12	0,2–2,0										
	WCGT030204-FM2	0,4	3,91	0,08–0,25	0,2–2,5										
	WCGT040202-FM2	0,2	4,34	0,05–0,12	0,2–2,0										
	WCGT040204-FM2	0,4	4,34	0,08–0,25	0,2–2,5										
	WCMT040202-FM4	0,2	4,34	0,04–0,12	0,1–1,0										
	WCMT040204-FM4	0,4	4,34	0,05–0,16	0,1–1,5										
	WCMT06T304-FM4	0,4	6,52	0,05–0,16	0,1–1,5										
	WCMT06T308-FM4	0,8	6,52	0,08–0,20	0,1–1,5										
	WCMT040202-FP4	0,2	4,34	0,04–0,12	0,1–1,0										
	WCMT040204-FP4	0,4	4,34	0,05–0,16	0,1–1,5										
	WCMT040208-FP4	0,8	4,34	0,08–0,20	0,1–1,5										
	WCMT06T302-FP4	0,2	6,52	0,04–0,12	0,1–1,0										
	WCMT06T304-FP4	0,4	6,52	0,05–0,16	0,1–1,5										
	WCMT06T308-FP4	0,8	6,52	0,08–0,20	0,1–1,5										
	WCMT080404-FP4	0,4	8,69	0,05–0,16	0,1–1,5										
	WCMT080408-FP4	0,8	8,69	0,08–0,20	0,1–1,5										
	WCMT040204-FP6	0,4	4,34	0,06–0,18	0,3–2,0										
	WCMT040208-FP6	0,8	4,34	0,10–0,20	0,5–2,0										
	WCGT030202-MN2	0,2	3,91	0,05–0,12	0,5–1,5										
	WCGT030204-MN2	0,4	3,91	0,08–0,20	0,6–1,5										
	WCGT040204-MN2	0,4	4,34	0,08–0,25	0,6–2,5										
	WCGT06T302-MN2	0,2	6,52	0,05–0,12	0,6–2,0										
	WCGT06T304-MN2	0,4	6,52	0,08–0,25	0,6–3,0										
	WCGT080404-MN2	0,4	8,69	0,08–0,25	0,6–4,0										
	WCGT080408-MN2	0,8	8,69	0,10–0,35	0,8–4,0										
	WCMT06T304-MM4	0,4	6,52	0,08–0,25	0,4–2,5										
	WCMT06T308-MM4	0,8	6,52	0,12–0,32	0,5–2,5										
	WCMT06T304-MP4	0,4	6,52	0,08–0,25	0,4–2,5										
	WCMT06T308-MP4	0,8	6,52	0,12–0,32	0,5–2,5										
	WCMT030202-RM4	0,2	3,91	0,08–0,12	0,2–1,5										
	WCMT040202-RM4	0,2	4,34	0,08–0,12	0,4–2,0										
	WCMT040204-RM4	0,4	4,34	0,12–0,25	0,4–2,5										
	WCMT06T304-RM4	0,4	6,52	0,12–0,25	0,4–3,0										
	WCMT06T308-RM4	0,8	6,52	0,16–0,35	0,6–3,0										
	WCMT080408-RM4	0,8	8,69	0,16–0,40	0,6–4,0										

See the ISO 1832 designation key for dimensions

Ordering example for the grade WNN10: WCGT020102-FN2 WNN10

HC = Coated carbide

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

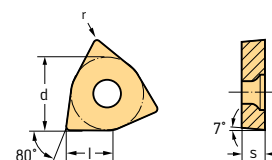
ISO indexable inserts – Positive basic shape

61

Turning Insert – Positive Trigon 80°

WCGT / WCMT

Tiger-tec® Gold



Indexable inserts

Designation	r mm	l mm	f mm	a _p mm	P			M			K	N	S		
					HC			HC			HC	HC	HC		
					WPP10G	WPP20G	WPP30G	WSM20S	WSM21	WSM30S	WKK20S	WNN10	WSM20S	WSM21	WSM30S
	WCMT030202-RP4	0,2	3,91	0,08–0,12	0,2–1,5	☹									
	WCMT040204-RP4	0,4	4,34	0,12–0,25	0,4–2,5	☹									
	WCMT06T304-RP4	0,4	6,52	0,12–0,25	0,4–3,0	☹									
	WCMT06T308-RP4	0,8	6,52	0,16–0,35	0,6–3,0	☹	☹								
	WCMT080404-RP4	0,4	8,69	0,12–0,25	0,4–3,0	☹	☹								
	WCMT080408-RP4	0,8	8,69	0,16–0,40	0,6–4,0	☹	☹								
	WCMT080412-RP4	1,2	8,69	0,20–0,45	0,8–4,0	☹	☹								
	WCMT040204-RK4	0,4	4,34	0,12–0,25	0,4–2,5						☹				
	WCMT06T308-RK4	0,8	6,52	0,16–0,35	0,6–3,0						☹				
	WCMT080404-RK4	0,4	8,69	0,12–0,25	0,4–3,0						☹				
	WCMT080408-RK4	0,8	8,69	0,16–0,40	0,6–4,0						☹				
	WCMT080412-RK4	1,2	8,69	0,20–0,45	0,8–4,0						☹				

See the ISO 1832 designation key for dimensions

Ordering example for the grade WNN10: WCGT020102-FN2 WNN10

HC = Coated carbide

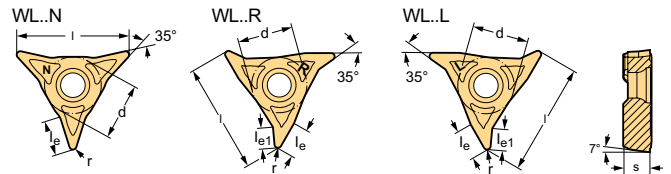
WALTER SELECT

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

Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	le mm	le1 mm	f mm	ap mm	P				M				K	N	S				
								HC				HC						HC	HC	HC		
								WKP01G	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WMP20S	WSM20S					WSM01	WSM10S	WSM20S
	WL17-VCG0501N-FM2	0,1	17	4,7		0,02-0,06	0,1-1,5					☹					☹					
	WL17-VCG0502N-FM2	0,2	17	4,8		0,05-0,12	0,2-2,0					☹			☹		☹		☹			
	WL17-VCG0504N-FM2	0,4	17	5		0,08-0,25	0,2-2,5					☹			☹		☹		☹			
	WL25-VCG0702N-FM2	0,2	25	6,8		0,05-0,12	0,2-2,5					☹			☹		☹		☹			
	WL25-VCG0704N-FM2	0,4	25	7		0,08-0,25	0,2-3,0					☹			☹		☹		☹			
WL25-VCG0708N-FM2	0,8	25	7,4		0,10-0,30	0,3-3,0					☹			☹		☹		☹				
	WL17-VCG05005R-FM2	0,05	17	3,8	2,8	0,02-0,04	0,1-1,5					☹					☹					
	WL17-VCG0501R-FM2	0,1	17	3,8	2,9	0,02-0,06	0,1-1,5					☹					☹					
	WL17-VCG0502R-FM2	0,2	17	4,3	3	0,05-0,12	0,2-2,0					☹			☹		☹		☹			
	WL17-VCG0504R-FM2	0,4	17	4,6	3,1	0,08-0,25	0,2-2,5					☹			☹		☹		☹			
	WL25-VCG0702R-FM2	0,2	25	5,5	3,5	0,05-0,12	0,2-2,5					☹			☹		☹		☹			
	WL25-VCG0704R-FM2	0,4	25	6,2	3,9	0,08-0,25	0,2-3,0					☹			☹		☹		☹			
	WL25-VCG0708R-FM2	0,8	25	6,6	4,6	0,10-0,30	0,3-3,0					☹			☹		☹		☹			
	WL17-VCG0501L-FM2	0,1	17	3,8	2,9	0,02-0,06	0,1-1,5					☹					☹					
	WL17-VCG0502L-FM2	0,2	17	4,3	3	0,05-0,12	0,2-2,0					☹					☹		☹			
	WL17-VCG0504L-FM2	0,4	17	4,6	3,1	0,08-0,25	0,2-2,5					☹					☹		☹			
	WL25-VCG0702L-FM2	0,2	25	5,5	3,5	0,05-0,12	0,2-2,5					☹					☹		☹			
	WL25-VCG0704L-FM2	0,4	25	6,2	3,9	0,08-0,25	0,2-3,0					☹					☹		☹			
	WL25-VCG0708L-FM2	0,8	25	6,6	4,6	0,10-0,30	0,3-3,0					☹					☹		☹			
	WL17-VC0502N-FM4	0,2	17	4,6		0,04-0,15	0,1-1,2						☹		☹				☹			
	WL17-VC0504N-FM4	0,4	17	5		0,05-0,20	0,1-1,8						☹		☹				☹			
	WL17-VC0508N-FM4	0,8	17	5,7		0,08-0,25	0,2-1,8						☹		☹				☹			
	WL25-VC0702N-FM4	0,2	25	6		0,04-0,15	0,1-2,0					☹			☹				☹			
	WL25-VC0704N-FM4	0,4	25	6,3		0,05-0,20	0,1-2,0					☹			☹				☹			
	WL25-VC0708N-FM4	0,8	25	7,1		0,08-0,25	0,2-2,0					☹			☹				☹			
	WL17-VC0502R-FM4	0,2	17	4,3	2,5	0,04-0,15	0,1-1,2						☹		☹				☹			
	WL17-VC0504R-FM4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8						☹		☹				☹			
	WL17-VC0508R-FM4	0,8	17	5	3,6	0,08-0,25	0,2-1,8						☹		☹				☹			
	WL25-VC0702R-FM4	0,2	25	5,5	3,4	0,04-0,15	0,1-2,0						☹		☹				☹			
	WL25-VC0704R-FM4	0,4	25	6,2	3,9	0,05-0,20	0,1-2,0						☹		☹				☹			
	WL25-VC0708R-FM4	0,8	25	6,6	4,6	0,08-0,25	0,2-2,0						☹		☹				☹			
	WL17-VC0502L-FM4	0,2	17	4,3	2,5	0,04-0,15	0,1-1,2						☹		☹				☹			
	WL17-VC0504L-FM4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8						☹		☹				☹			
	WL17-VC0508L-FM4	0,8	17	5	3,6	0,08-0,25	0,2-1,8						☹		☹				☹			
	WL25-VC0702L-FM4	0,2	25	5,5	3,4	0,04-0,15	0,1-2,0						☹		☹				☹			
	WL25-VC0704L-FM4	0,4	25	6,2	3,9	0,05-0,20	0,1-2,0						☹		☹				☹			
	WL25-VC0708L-FM4	0,8	25	6,6	4,6	0,08-0,25	0,2-2,0						☹		☹				☹			
	WL17-VC0504N-FP4	0,4	17	5		0,05-0,20	0,1-1,8				☹											
	WL17-VC0508N-FP4	0,8	17	5,7		0,08-0,25	0,2-1,8				☹											
	WL25-VC0704N-FP4	0,4	25	6,3		0,05-0,20	0,1-2,0	☹	☹	☹						☹						
	WL25-VC0708N-FP4	0,8	25	7,1		0,08-0,25	0,2-2,0	☹	☹	☹						☹						
	WL17-VC0502R-FP4	0,2	17	4,3	2,5	0,04-0,15	0,1-1,2				☹											
	WL17-VC0504R-FP4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8				☹											
	WL17-VC0508R-FP4	0,8	17	5	3,6	0,08-0,25	0,2-1,8				☹											
	WL25-VC0704R-FP4	0,4	25	6,2	3,9	0,05-0,20	0,1-2,0	☹	☹	☹						☹						
	WL25-VC0708R-FP4	0,8	25	6,6	4,6	0,08-0,25	0,2-2,0	☹	☹	☹						☹						

Ordering example for the grade WSM01: WL17-VC0501N-FM2 WSM01

HC = Coated carbide

WALTER SELECT

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

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

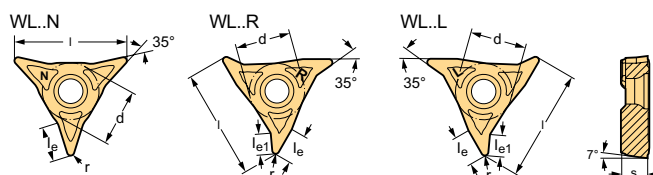
Inserts copy turning system – WL

63

Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	l _e mm	l _{e1} mm	f mm	a _p mm	P				M				K		N		S	
								WKP01G	WPP10G	WPP20G	WMP20S	WSM01	WSM05	WMP20S	WSM20S	WKP01G	WNN10	WSM01	WSM05	WSM20S	WSM20S
	WL17-VC0502L-FP4	0,2	17	4,3	2,5	0,04-0,15	0,1-1,2														
	WL17-VC0504L-FP4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8														
	WL17-VC0508L-FP4	0,8	17	5	3,6	0,08-0,25	0,2-1,8														
	WL25-VC0704L-FP4	0,4	25	6,2	3,9	0,05-0,20	0,1-2,0														
	WL25-VC0708L-FP4	0,8	25	6,6	4,6	0,08-0,25	0,2-2,0														
	WL25-VC0702N-MN2	0,2	25	6,8		0,05-0,12	0,5-2,5														
	WL25-VC0704N-MN2	0,4	25	7		0,08-0,25	0,6-3,5														
	WL25-VC0708N-MN2	0,8	25	7,4		0,10-0,35	0,8-3,5														
	WL17-VC0502R-MN2	0,2	17	4,3	3	0,05-0,12	0,5-2,0														
	WL17-VC0504R-MN2	0,4	17	4,6	3,1	0,08-0,25	0,6-2,5														
	WL25-VC0702R-MN2	0,2	25	5,5	3,5	0,05-0,12	0,5-2,5														
	WL25-VC0704R-MN2	0,4	25	6,2	3,9	0,08-0,25	0,6-3,5														
	WL25-VC0708R-MN2	0,8	25	6,6	4,6	0,10-0,35	0,8-3,5														
	WL17-VC0502L-MN2	0,2	17	4,3	3	0,05-0,12	0,5-2,0														
	WL17-VC0504L-MN2	0,4	17	4,6	3,1	0,08-0,25	0,6-2,5														
	WL25-VC0702L-MN2	0,2	25	5,5	3,5	0,05-0,12	0,5-2,5														
	WL25-VC0704L-MN2	0,4	25	6,2	3,9	0,08-0,25	0,6-3,5														
	WL25-VC0708L-MN2	0,8	25	6,6	4,6	0,10-0,35	0,8-3,5														
	WL17-VC0504N-MM4	0,4	17	5		0,08-0,25	0,4-2,0														
	WL17-VC0508N-MM4	0,8	17	5,7		0,12-0,30	0,5-2,0														
	WL25-VC0704N-MM4	0,4	25	6,3		0,08-0,25	0,4-2,5														
	WL25-VC0708N-MM4	0,8	25	7,1		0,12-0,32	0,5-2,5														
	WL25-VC0712N-MM4	1,2	25	7,4		0,12-0,35	0,5-2,5														
	WL25-VC0716N-MM4	1,6	25	8,7		0,12-0,40	0,5-2,5														
	WL17-VC0504R-MM4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8														
	WL17-VC0508R-MM4	0,8	17	5	3,6	0,08-0,25	0,2-1,8														
	WL25-VC0704R-MM4	0,4	25	6,2	3,9	0,08-0,25	0,4-2,5														
	WL25-VC0708R-MM4	0,8	25	6,6	4,6	0,12-0,32	0,5-2,5														
	WL17-VC0504L-MM4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8														
	WL17-VC0508L-MM4	0,8	17	5	3,6	0,08-0,25	0,2-1,8														
	WL25-VC0704L-MM4	0,4	25	6,2	3,9	0,08-0,25	0,4-2,5														
	WL25-VC0708L-MM4	0,8	25	6,6	4,6	0,12-0,32	0,5-2,5														
	WL17-VC0504N-MP4	0,4	17	5		0,08-0,25	0,4-2,0														
	WL17-VC0508N-MP4	0,8	17	5,7		0,12-0,30	0,5-2,0														
	WL25-VC0704N-MP4	0,4	25	6,3		0,08-0,25	0,4-2,5														
	WL25-VC0708N-MP4	0,8	25	7,1		0,12-0,32	0,5-2,5														
	WL25-VC0712N-MP4	1,2	25	7,4		0,12-0,35	0,5-2,5														
	WL17-VC0504R-MP4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8														
	WL17-VC0508R-MP4	0,8	17	5	3,6	0,08-0,25	0,2-1,8														
	WL25-VC0704R-MP4	0,4	25	6,2	3,9	0,08-0,25	0,4-2,5														
	WL25-VC0708R-MP4	0,8	25	6,6	4,6	0,12-0,32	0,5-2,5														
	WL17-VC0504L-MP4	0,4	17	4,6	3,1	0,05-0,20	0,1-1,8														
	WL17-VC0508L-MP4	0,8	17	5	3,6	0,08-0,25	0,2-1,8														
	WL25-VC0704L-MP4	0,4	25	6,2	3,9	0,08-0,25	0,4-2,5														
	WL25-VC0708L-MP4	0,8	25	6,6	4,6	0,12-0,32	0,5-2,5														

Ordering example for the grade WSM01: WL17-VC0501N-FM2 WSM01

HC = Coated carbide

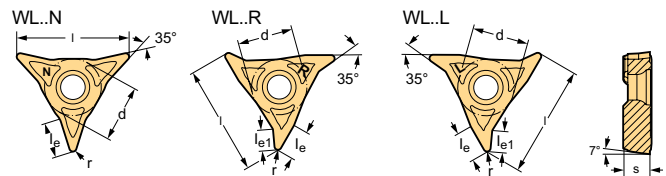
WALTER SELECT

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

Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	l _e mm	l _{e1} mm	f mm	a _p mm	P				M				K	N	S	
								HC				HC				HC	HC	HC	
								WKP01G	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WMP20S	WSM20S	WKP01G	WNN10	WSM01	WSM10S
	WL25-VC0704N-RM4	0,4	25	6,3		0,12–0,25	0,4–2,5												
	WL25-VC0708N-RM4	0,8	25	7,1		0,16–0,35	0,6–3,0												
	WL25-VC0712N-RM4	1,2	25	7,4		0,20–0,40	0,8–3,0												
	WL25-VC0704R-RM4	0,4	25	6,2	3,9	0,12–0,25	0,4–2,5												
	WL25-VC0708R-RM4	0,8	25	6,6	4,6	0,16–0,35	0,6–3,0												
	WL25-VC0704L-RM4	0,4	25	6,2	3,9	0,12–0,25	0,4–2,5												
	WL25-VC0708L-RM4	0,8	25	6,6	4,6	0,16–0,35	0,6–3,0												
	WL25-VC0704N-RP4	0,4	25	6,3		0,12–0,25	0,4–2,5												
	WL25-VC0708N-RP4	0,8	25	7,1		0,16–0,35	0,6–3,0												
	WL25-VC0712N-RP4	1,2	25	7,4		0,20–0,40	0,8–3,0												
	WL25-VC0704R-RP4	0,4	25	6,2	3,9	0,12–0,25	0,4–2,5												
	WL25-VC0708R-RP4	0,8	25	6,6	4,6	0,16–0,35	0,6–3,0												
	WL25-VC0704L-RP4	0,4	25	6,2	3,9	0,12–0,25	0,4–2,5												
	WL25-VC0708L-RP4	0,8	25	6,6	4,6	0,16–0,35	0,6–3,0												

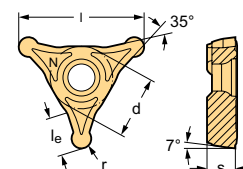
Ordering example for the grade WSM01: WL17-VC0501N-FM2 WSM01

HC = Coated carbide

Indexable inserts copy turning system

WL...-RC...

Tiger-tec® Gold



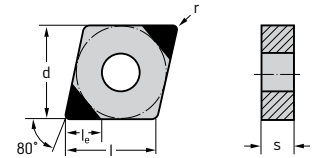
Indexable inserts

	Designation	r mm	l mm	l _e mm	f mm	a _p mm	P		M			N	S		
							HC		HC			HC	HC		
							WPP10G	WPP20G	WSM01	WSM20S	WSM30S	WNN10	WSM01	WSM20S	WSM30S
	WL25-RCG0210N-FM2	1	25	4,8	0,10–0,20	0,1–1,0			☺				☺		
	WL25-RCG0315N-FM2	1,5	25	6,3	0,15–0,30	0,2–1,5			☺				☺		
	WL25-RCG0420N-FM2	2	25	6,7	0,18–0,35	0,2–2,0			☺				☺		
	WL25-RCG0525N-FM2	2,5	25	6,9	0,20–0,40	0,2–2,5			☺				☺		
	WL25-RCG0630N-FM2	3	25	9,3	0,25–0,50	0,3–3,0			☺				☺		
	WL25-RCG0420N-MN2	2	25	6,8	0,20–0,40	0,4–2,5						☺			
	WL25-RCG0525N-MN2	2,5	25	6,8	0,25–0,50	0,5–3,0						☺			
	WL25-RC0420N-MU6	2	25	7,2	0,12–0,40	0,5–2,0	☺	☺		☺	☺			☺	☺
	WL25-RC0525N-MU6	2,5	25	6,9	0,12–0,45	0,5–2,5	☺	☺		☺	☺			☺	☺

Ordering example for the grade WSM01: WL25-RCG0210N-FM2 WSM01

HC = Coated carbide

Turning Insert CBN – Negative rhombic 80° CNGA



Indexable inserts

	Designation	Number of cutting edges	r mm	l _e mm	l mm	f mm	a _p mm	K	S	H				
								BH	BH	BC	BL	BH		
								WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
 Wiper	CNGA120404TM-MW2	2	0.4	2.8	12.9	0.05–0.35	0.1–1.0			☺				
	CNGA120408TM-MW2	2	0.8	2.7	12.9	0.05–0.50	0.1–1.0			☺	☺			☺
	CNGA120412TM-MW2	2	1.2	2.8	12.9	0.05–0.50	0.1–1.0			☺				☺
	CNGA120404EM-2	2	0.4	2.8	12.9	0.05–0.20	0.1–0.5		☺					
	CNGA120408EM-2	2	0.8	2.7	12.9	0.05–0.25	0.1–1.0		☺					
	CNGA120404TS-2	2	0.4	2.8	12.9	0.05–0.20	0.1–2.0	☺						
	CNGA120408TS-2	2	0.8	2.7	12.9	0.05–0.25	0.1–2.0	☺						
	CNGA120412TS-2	2	1.2	2.8	12.9	0.05–0.30	0.1–2.0	☺						
 Chipbreaker	CNGA120404TM-M2	2	0.4	2.8	12.9	0.05–0.20	0.1–0.5						☺	
	CNGA120408TM-M2	2	0.8	2.7	12.9	0.05–0.25	0.1–1.0				☺	☺		
	CNGA120412TM-M2	2	1.2	2.8	12.9	0.05–0.30	0.1–1.0					☺		
	CNGA120404TM-2	2	0.4	2.8	12.9	0.05–0.20	0.1–1.0			☺	☺	☺	☺	☺
	CNGA120408TM-2	2	0.8	2.7	12.9	0.05–0.25	0.1–1.0			☺	☺	☺	☺	☺
	CNGA120412TM-2	2	1.2	2.8	12.9	0.05–0.30	0.1–1.0			☺	☺	☺	☺	☺
	CNGA120408TM-4	4	0.8	2.7	12.9	0.05–0.25	0.1–1.0				☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WBH10C: CNGA120404TM-MW2 WBH10C

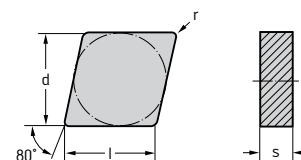
BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Negative rhombic 80°

CNGN



Indexable inserts

Designation	Number of cutting edges	r mm	l mm	f mm	a _p mm	K BH WBK30
	CNGN120408TM-S	4	0,8	12,9	0,05–0,50	☺
	CNGN120412TM-S	4	1,2	12,9	0,05–0,50	☺
	CNGN120416TM-S	4	1,6	12,9	0,05–0,50	☺

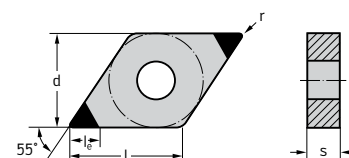
See the ISO 1832 designation key for dimensions

Ordering example for the grade WBK30: CNGN120408TM-S WBK30

BH = CBN with high CBN content

Turning Insert CBN – Negative rhombic 55°

DNGA



Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	f mm	a _p mm	K S H					
							BH	BH	BC	BL	BH	BH
	DNGA150404EM-2	2	0,4	2,9	15,5	0,05–0,20	☺	☺				
	DNGA150408EM-2	2	0,8	2,8	15,5	0,05–0,25	☺	☺				
	DNGA150604TS-2	2	0,4	2,9	15,5	0,05–0,20	☺	☺				
	DNGA150608TS-2	2	0,8	2,8	15,5	0,05–0,25	☺	☺				
	DNGA150612TS-2	2	1,2	2,8	15,5	0,05–0,30	☺	☺				
	DNGA150408TM-M2	2	0,8	2,8	15,5	0,05–0,25				☺		
	DNGA150608TM-M2	2	0,8	2,8	15,5	0,05–0,25				☺		
	DNGA150612TM-M2	2	1,2	2,8	15,5	0,05–0,30				☺		
	DNGA150404TM-2	2	0,4	2,9	15,5	0,05–0,20			☺		☺	
	DNGA150408TM-2	2	0,8	2,8	15,5	0,05–0,25			☺		☺	
	DNGA150604TM-2	2	0,4	2,9	15,5	0,05–0,20			☺	☺	☺	☺
	DNGA150608TM-2	2	0,8	2,8	15,5	0,05–0,25			☺	☺	☺	☺
	DNGA150612TM-2	2	1,2	2,8	15,5	0,05–0,30			☺		☺	☺
	DNGA150608TM-4	4	0,8	2,8	15,5	0,05–0,25			☺			

See the ISO 1832 designation key for dimensions

BH = CBN with high CBN content

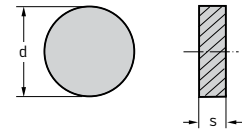
BC = coated CBN

BL = CBN with low CBN content

WALTER SELECT

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

Turning Insert CBN – Negative Round RNGN



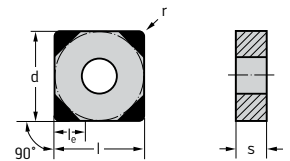
Indexable inserts

Designation	d mm	s mm	f mm	a _p mm	K BH	
					WBK20	WBK30
 RNGN120400TS-0	12,7	4,76	0,05–0,40	0,1–5,0		
 RNGN120400TM-S	12,7	4,76	0,05–0,40	0,1–5,0		

Ordering example for the grade WBK20: RNGN120400TS-0 WBK20

BH = CBN with high CBN content

Turning Insert CBN – Negative square SNGA



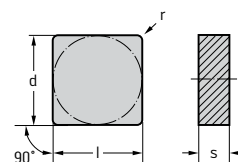
Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	a _p mm	H BH
						WBH30
 SNGA120408TM-4	4	0,8	2,8	12,7	0,1–1,0	
SNGA120412TM-4	4	1,2	2,8	12,7	0,1–1,0	

See the ISO 1832 designation key for dimensions

BH = CBN with high CBN content

Turning Insert CBN – Negative square SNGN



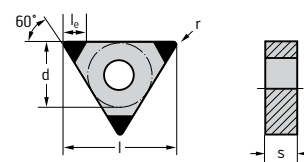
Indexable inserts

	Designation	Number of cutting edges	r mm	l mm	f mm	a _p mm	K BH WBK30
	SNGN120408TM-S	8	0.8	12.7	0.05–0.50	0.1–5.0	
	SNGN120412TM-S	8	1.2	12.7	0.05–0.50	0.1–5.0	
	SNGN120416TM-S	8	1.6	12.7	0.05–0.50	0.1–5.0	

Ordering example for the grade WBK30: SNGN120408TM-S WBK30

BH = CBN with high CBN content

Turning Insert CBN – Negative triangular 60° TNGA



Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	f mm	a _p mm	K BH WBK20	BC WBH10C	H BL WBH10	BH WBH20	BH WBH30
	TNGA160404TS-3	0,4	3	16,5	0,05–0,20	0,1–2,0					
	TNGA160408TS-3	0,8	2,8	16,5	0,05–0,25	0,1–2,0					
	TNGA160404TM-3	0,4	3	16,5	0,05–0,20	0,1–0,5					
	TNGA160408TM-3	0,8	2,8	16,5	0,05–0,25	0,1–1,0					

See the ISO 1832 designation key for dimensions

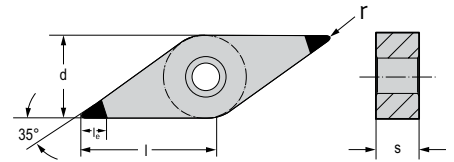
Ordering example for the grade WBK20: TNGA160404TS-3 WBK20

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Negative rhombic 35° VNGA



Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	f mm	a _p mm	K	H			
							BH	BC	BL	BH	BH
 VNGA160404TS-2	2	0,4	3	16,61	0,05–0,20	0,1–2,0	WBK20	WBH10C			
VNGA160408TS-2	2	0,8	3	16,61	0,05–0,20	0,1–2,0	WBK20				
 VNGA160404TM-2	2	0,4	3	16,61	0,05–0,20	0,1–0,5		☺	☺	☺	☺
VNGA160408TM-2	2	0,8	3	16,61	0,05–0,20	0,1–0,5		☺	☺	☺	☺

See the ISO 1832 designation key for dimensions

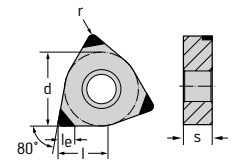
Ordering example for the grade WBK20: VNGA160404TS-2 WBK20

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Negative Trigon 80° WNGA



Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	f mm	a _p mm	K	H		
							BH	BL	BH	BH
 WNGA080408TS-3	3	0,8	2,8	8,69	0,05–0,25	0,1–2,0	WBK20	WBH10		
 WNGA080408TM-3	3	0,8	2,8	8,69	0,05–0,25	0,1–1,0		☺	☺	☺

See the ISO 1832 designation key for dimensions

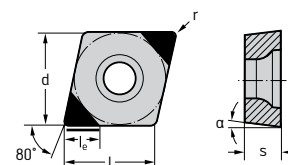
Ordering example for the grade WBK20: WNGA080408TS-3 WBK20

BH = CBN with high CBN content

BL = CBN with low CBN content

Turning Insert CBN – Positive rhombic 80°

CCGW



Indexable inserts

	Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	K	S	H				
									BH	BH	BC	BL		BH	
									WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
 Wiper	CCGW09T304TS-MW2	2	0,4	2,8	9,67	7°	0,05–0,20	0,1–0,5			☺				
	CCGW09T308TM-MW2	2	0,8	2,7	9,67	7°	0,05–0,25	0,1–0,5			☺				
	CCGW060202EM-2	2	0,2	2,8	6,45	7°	0,05–0,15	0,1–0,3		☺					
	CCGW060204EM-2	2	0,4	2,8	6,45	7°	0,05–0,20	0,1–0,3		☺					
	CCGW09T304EM-2	2	0,4	2,8	9,67	7°	0,05–0,20	0,1–0,5		☺					
	CCGW09T308EM-2	2	0,8	2,7	9,67	7°	0,05–0,25	0,1–0,5		☺					
	CCGW060202TS-2	2	0,2	2,8	6,45	7°	0,05–0,15	0,1–0,3	☺		☺		☺		
	CCGW060204TS-2	2	0,4	2,8	6,45	7°	0,05–0,20	0,1–0,3	☺						
	CCGW060208TS-2	2	0,8	2,7	6,45	7°	0,05–0,25	0,1–0,5	☺						
	CCGW09T304TS-2	2	0,4	2,8	9,67	7°	0,05–0,15	0,1–0,5	☺						
	CCGW09T308TS-2	2	0,8	2,7	9,67	7°	0,05–0,20	0,1–0,5	☺						
	CCGW060202TM-2	2	0,2	2,8	6,45	7°	0,05–0,15	0,1–0,3				☺			
	CCGW060204TM-2	2	0,4	2,8	6,45	7°	0,05–0,20	0,1–0,3			☺	☺	☺	☺	☺
	CCGW060208TM-2	2	0,8	2,7	6,45	7°	0,05–0,25	0,1–0,5			☺	☺		☺	☺
	CCGW09T304TM-2	2	0,4	2,8	9,67	7°	0,05–0,20	0,1–0,5			☺	☺	☺	☺	☺
	CCGW09T308TM-2	2	0,8	2,7	9,67	7°	0,05–0,25	0,1–0,5			☺	☺	☺	☺	☺

See the ISO 1832 designation key for dimensions

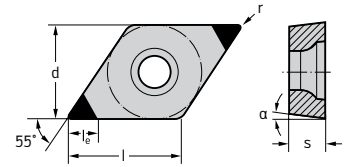
Ordering example for the grade WBH10C: CCGW09T304TS-MW2 WBH10C

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Positive rhombic 55° DCGW



Indexable inserts

Designation		Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	K	S	H				
									BH	BH	BC	BL			
									WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	DCGW070202EM-2	2	0,2	3	7,75	7°	0,05–0,15	0,1–0,3		☺					
	DCGW070204EM-2	2	0,4	2,9	7,75	7°	0,05–0,20	0,1–0,3		☺					
	DCGW11T304EM-2	2	0,4	2,9	11,63	7°	0,05–0,20	0,1–0,5		☺					
	DCGW11T308EM-2	2	0,8	2,8	11,63	7°	0,05–0,25	0,1–0,5		☺					
	DCGW070202TS-2	2	0,2	3	7,75	7°	0,05–0,15	0,1–0,3						☺	
	DCGW070204TS-2	2	0,4	2,9	7,75	7°	0,05–0,20	0,1–0,3	☺						
	DCGW070208TS-2	2	0,8	2,8	7,75	7°	0,05–0,25	0,1–0,5	☺						
	DCGW11T302TS-2	2	0,2	3	11,63	7°	0,05–0,15	0,1–0,5			☺	☺	☺		
	DCGW11T304TS-2	2	0,4	2,9	11,63	7°	0,05–0,20	0,1–0,5	☺						
	DCGW11T308TS-2	2	0,8	2,8	11,63	7°	0,05–0,25	0,1–0,5	☺						
	DCGW070202TM-2	2	0,2	3	7,75	7°	0,05–0,15	0,1–0,3							☺
	DCGW070204TM-2	2	0,4	2,9	7,75	7°	0,05–0,20	0,1–0,3			☺			☺	☺
	DCGW070208TM-2	2	0,8	2,8	7,75	7°	0,05–0,25	0,1–0,5							☺
	DCGW11T302TM-2	2	0,2	3	11,63	7°	0,05–0,15	0,1–0,5						☺	☺
	DCGW11T304TM-2	2	0,4	2,9	11,63	7°	0,05–0,20	0,1–0,5			☺	☺	☺	☺	☺
	DCGW11T308TM-2	2	0,8	2,8	11,63	7°	0,05–0,25	0,1–0,5			☺	☺	☺	☺	☺

See the ISO 1832 designation key for dimensions

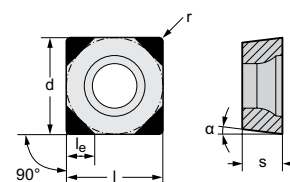
Ordering example for the grade WBS10: DCGW070202EM-2 WBS10

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Positive square SCGW



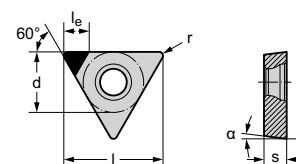
Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	K	BH
								WBK20	
 SCGW09T304TS-4 SCGW09T308TS-4	4	0,4	2,8	9,53	7°	0,05–0,20	0,1–0,5	☺	☺
	4	0,8	2,8	9,53	7°	0,05–0,25	0,1–0,5	☺	☺

Ordering example for the grade WBK20: SCGW09T304TS-4 WBK20

BH = CBN with high CBN content

Turning Insert CBN – Positive triangular 60° TCGW



Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	K	H
								WBK20	WBH10 WBH20
 TCGW06T102TS-1 TCGW06T104TS-1	1	0,2	2,4	6,87	7°	0,02–0,12	0,1–0,3	☺	☺
	1	0,4	2,2	6,87	7°	0,02–0,12	0,1–0,3	☺	☺

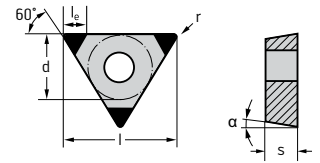
See the ISO 1832 designation key for dimensions

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

Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	K				
								WBK20	H			
									BH	BC	BL	BH
	TCGW11020TS-3	3	0,2	2,8	11	7°	0,05–0,15	0,1–0,3				
	TCGW110204TS-3	3	0,4	3,1	11	7°	0,05–0,20	0,1–0,3				
	TCGW110204TM-3	3	0,4	3,1	11	7°	0,05–0,20	0,1–0,3				
	TCGW110208TM-3	3	0,8	2,8	11	7°	0,05–0,25	0,1–0,5				

See the ISO 1832 designation key for dimensions

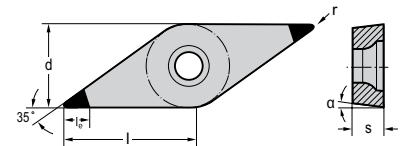
Ordering example for the grade WBK20: TCGW11020TS-3 WBK20

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

Turning Insert CBN – Positive rhombic 35° VBGW



Indexable inserts

Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	H			
								WBH20C	H		
									BC	BL	BH
	VBGW160404TS-2	2	0,4	3	16,61	5°	0,05–0,20	0,1–0,5			
	VBGW160408TS-2	2	0,8	3	16,61	5°	0,05–0,25	0,1–0,5			
	VBGW110304TM-2	2	0,4	3	11,07	5°	0,05–0,20	0,1–0,5			
	VBGW160402TM-2	2	0,2	3,4	16,61	5°	0,05–0,25	0,1–0,5			
	VBGW160404TM-2	2	0,4	3	16,61	5°	0,05–0,20	0,1–0,5			
	VBGW160408TM-2	2	0,8	3	16,61	5°	0,05–0,25	0,1–0,5			
											

See the ISO 1832 designation key for dimensions

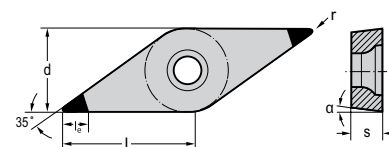
Ordering example for the grade WBH10: VBGW160404TS-2 WBH10

BC = coated CBN

BL = CBN with low CBN content

BH = CBN with high CBN content

Turning Insert CBN – Positive rhombic 35° VCGW



Indexable inserts

	Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	S			H		
									BH	BC	BL	WBH10	WBH20C	WBH10
	VCGW110302EM-2	2	0.2	3,4	11,07	7°	0,05–0,15	0,1–0,3	☺					
	VCGW110304EM-2	2	0.4	3	11,07	7°	0,05–0,20	0,1–0,3	☺					
	VCGW160404EM-2	2	0.4	3	16,61	7°	0,05–0,20	0,1–0,5	☺					
	VCGW160408EM-2	2	0.8	3	16,61	7°	0,05–0,25	0,1–0,5	☺					
	VCGW110302TS-2	2	0.2	3,4	11,07	7°	0,05–0,15	0,1–0,3		☺				
	VCGW160404TS-2	2	0.4	3	16,61	7°	0,05–0,20	0,1–0,5			☺			
	VCGW160408TS-2	2	0.8	3	16,61	7°	0,05–0,25	0,1–0,5			☺			
	VCGW160404TM-2	2	0.4	3	16,61	7°	0,05–0,20	0,1–0,5			☺			
	VCGW160408TM-2	2	0.8	3	16,61	7°	0,05–0,25	0,1–0,5			☺			

See the ISO 1832 designation key for dimensions

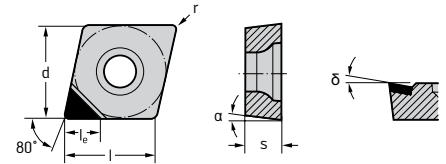
Ordering example for the grade WBS10: VCGW110302EM-2 WBS10

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

	Designation	Number of cutting edges	l _e mm	r mm	l mm		α	f mm	a _p mm	N	O
										DP	DP
	CCGT060204FS-M1	1	3,5	0,4	6,45	25°	7°	0,08–0,20	0,1–2,0		
	CCGT09T304FS-M1	1	4	0,4	9,67	25°	7°	0,08–0,20	0,1–2,0		
	CCGT060202FS-1	1	3,5	0,2	6,45	7°	7°	0,03–0,12	0,1–3,0		
	CCGT060204FS-1	1	3,5	0,4	6,45	7°	7°	0,03–0,25	0,1–3,0		
	CCGT060208FS-1	1	3,5	0,8	6,45	7°	7°	0,03–0,38	0,1–3,0		
	CCGT09T304FS-1	1	4	0,4	9,67	10°	7°	0,03–0,25	0,1–3,5		
	CCGT09T308FS-1	1	4	0,8	9,67	10°	7°	0,03–0,38	0,1–3,5		
	CCGW060202FS-1	1	3,6	0,2	6,45	0°	7°	0,03–0,12	0,1–3,0		
	CCGW060204FS-1	1	3,5	0,4	6,45	0°	7°	0,03–0,25	0,1–3,0		
	CCGW060208FS-1	1	3,5	0,8	6,45	0°	7°	0,03–0,38	0,1–3,0		
	CCGW09T302FS-1	1	4,1	0,2	9,67	0°	7°	0,03–0,12	0,1–3,5		
	CCGW09T304FS-1	1	4,1	0,4	9,67	0°	7°	0,03–0,25	0,1–3,5		
	CCGW09T308FS-1	1	4	0,8	9,67	0°	7°	0,03–0,38	0,1–3,5		
	CCGW120404FS-1	1	4,1	0,4	12,9	0°	7°	0,03–0,25	0,1–3,5		
	CCGW120408FS-1	1	4	0,8	12,9	0°	7°	0,03–0,38	0,1–3,5		
	CCGW060204FSL-9	1	6,4	0,4	6,45	0°	7°	0,03–0,25	0,1–6,4		
	CCGW09T304FSL-9	1	9,7	0,4	9,67	0°	7°	0,03–0,25	0,1–9,7		
	CCGW09T308FSL-9	1	9,7	0,8	9,67	0°	7°	0,03–0,38	0,1–9,7		
	CCGW060204FSR-9	1	6,4	0,4	6,45	0°	7°	0,03–0,25	0,1–6,4		
	CCGW09T304FSR-9	1	9,7	0,4	9,67	0°	7°	0,03–0,25	0,1–9,7		
	CCGW09T308FSR-9	1	9,7	0,8	9,67	0°	7°	0,03–0,38	0,1–9,7		

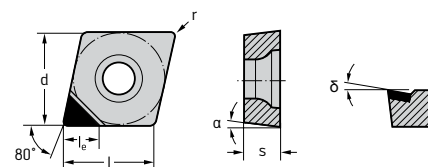
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: CCGT060204FS-M1 WDN10

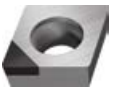
DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 80°

CPGW



Indexable inserts

		Number of cutting edges	r mm	l _e mm	l mm		α	f mm	a _p mm	N	O
										DP	DF
										WDN10	WDN10
Designation											
	CPGW050204FS-1	1	0,4	3	5,64	0°	11°	0,03–0,25	0,1–2,5	☺	☺
	CPGW060204FS-1	1	0,4	3,5	6,45	0°	11°	0,03–0,25	0,1–3,0	☺	☺
	CPGW09T304FS-1	1	0,4	4	9,67	0°	11°	0,03–0,25	0,1–3,5	☺	☺
	CPGW09T308FS-1	1	0,8	4	9,67	0°	11°	0,03–0,38	0,1–3,5	☺	☺
	CPGW120408FS-1	1	0,8	4	12,9	0°	11°	0,03–0,38	0,1–3,5	☺	☺

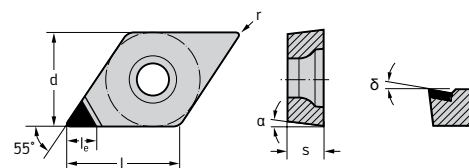
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: CPGW050204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 55°

DCGT / DCGW



Indexable inserts

		Number of cutting edges	r mm	l _e mm	l mm		α	f mm	a _p mm		N	O
											DP	DP
Designation											WDN10	WDN10
 Chipbreaker	DCGT070204FS-M1	1	0,4	3,5	7,75	25°	7°	0,08–0,20	0,1–2,0		☺	☺
	DCGT11T304FS-M1	1	0,4	4	11,63	25°	7°	0,08–0,20	0,1–2,0		☺	☺
	DCGT070202FS-1	1	0,2	3,7	7,75	7°	7°	0,03–0,12	0,1–3,0		☺	☺
	DCGT070204FS-1	1	0,4	3,5	7,75	7°	7°	0,03–0,25	0,1–3,0		☺	☺
	DCGT070208FS-1	1	0,8	3,5	7,75	7°	7°	0,03–0,38	0,1–3,0		☺	☺
	DCGT11T302FS-1	1	0,2	4,2	11,63	10°	7°	0,03–0,12	0,1–3,5		☺	☺
	DCGT11T304FS-1	1	0,4	4	11,63	10°	7°	0,03–0,25	0,1–3,0		☺	☺
	DCGT11T308FS-1	1	0,8	4	11,63	10°	7°	0,03–0,38	0,1–3,5		☺	☺
	DCGW070202FS-1	1	0,2	3,7	7,75	0°	7°	0,03–0,12	0,1–3,0		☺	☺
	DCGW070204FS-1	1	0,4	3,5	7,75	0°	7°	0,03–0,25	0,1–3,0		☺	☺
	DCGW11T302FS-1	1	0,2	4,2	11,63	0°	7°	0,03–0,12	0,1–3,5		☺	☺
	DCGW11T304FS-1	1	0,4	4	11,63	0°	7°	0,03–0,25	0,1–3,5		☺	☺
	DCGW11T308FS-1	1	0,8	4	11,63	0°	7°	0,03–0,38	0,1–3,5		☺	☺

See the ISO 1832 designation key for dimensions

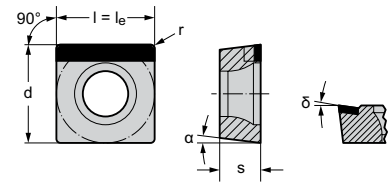
Ordering example for the grade WDN10: DCGT070204FS-M1 WDN10

DP = Polycrystalline diamond

WALTER SELECT

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

Turning Insert PCD – Positive square SCGW



Indexable inserts

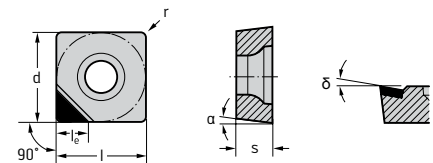
		Number of cutting edges	r mm	l _e mm	l mm		α	f mm	a _p mm	N	O
										DP	DP
Designation										WDN10	WDN10
	SCGW09T304FS-9	1	0,4	9,5	9,53	0°	7°	0,03–0,25	0,1–9,5		

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

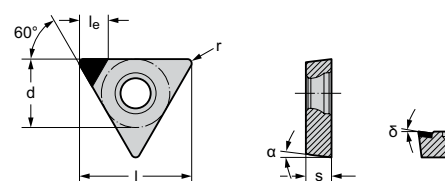
	Designation	Number of cutting edges	r mm	l _e mm	l mm	α	f mm	a _p mm	N	O	
									DP	DP	
									WDN10	WDN10	
	SPGW09T308FS-1	1	0,8	4	9,53	0°	11°	0,03–0,38	0,1–3,5		

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

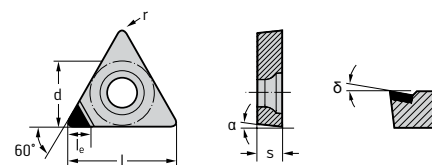
		Number of cutting edges	r mm	l _e mm	l mm		α	f mm	a _p mm		N	O
											DP	DP
Designation											WDN10	WDN10
	TCGW090204FS-1	1	0,4	3,8	9,62	0°	7°	0,03–0,25	0,1–3,0			
	TCGW110202FS-1	1	0,2	4,4	11	0°	7°	0,03–0,12	0,1–3,0			
	TCGW110204FS-1	1	0,4	4,3	11	0°	7°	0,03–0,25	0,1–3,0			
	TCGW110208FS-1	1	0,8	4	11	0°	7°	0,03–0,38	0,1–3,0			
	TCGW16T304FS-1	1	0,4	4,3	16,5	0°	7°	0,03–0,25	0,1–3,5			
	TCGW16T308FS-1	1	0,8	4	16,5	0°	7°	0,03–0,38	0,1–3,5			
	TCGW090204FS-9	1	0,4	9	9,62	0°	7°	0,03–0,25	0,1–9,0			
	TCGW110204FS-9	1	0,4	10,4	11	0°	7°	0,03–0,25	0,1–10,4			
	TCGW16T308FS-9	1	0,8	15,3	16,5	0°	7°	0,03–0,38	0,1–15,3			

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

	Designation	Number of cutting edges	r mm	l _e mm	l mm		α	f mm	a _p mm	N	O
										DP	DP
	TPGW110204FS-1	1	0,4	4,2	11	0°	11°	0,03–0,25	0,1–3,5		
	TPGW16T304FS-1	1	0,4	4,2	16,5	0°	11°	0,03–0,25	0,1–3,5		
	TPGW16T308FS-1	1	0,8	4	16,5	0°	11°	0,03–0,38	0,1–3,5		

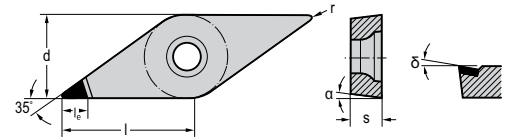
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: TPGW110204FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert PCD – Positive rhombic 35°

VCGT / VCGW



Indexable inserts

		Number of cutting edges	r mm	l _e mm	l mm		α	f mm	a _p mm	N	O
										DP	DP
Designation										WDN10	WDN10
	VCGT110302FS-1	1	0.2	4.1	11.07	10°	7°	0.03–0.12	0.1–3.0		
	VCGT110304FS-1	1	0.4	3.7	11.07	10°	7°	0.03–0.25	0.1–3.0		
	VCGT160404FS-1	1	0.4	4.5	16.61	10°	7°	0.03–0.25	0.1–4.0		
	VCGT160408FS-1	1	0.8	4.5	16.61	10°	7°	0.03–0.38	0.1–4.0		
	VCGW110302FS-1	1	0.2	4.1	11.07	0°	7°	0.03–0.12	0.1–3.0		
	VCGW110304FS-1	1	0.4	3.7	11.07	0°	7°	0.03–0.25	0.1–3.0		
	VCGW110308FS-1	1	0.8	3.7	11.07	0°	7°	0.03–0.38	0.1–3.0		
	VCGW160404FS-1	1	0.4	4.5	16.61	0°	7°	0.03–0.25	0.1–4.0		
	VCGW160408FS-1	1	0.8	4.5	16.61	0°	7°	0.03–0.38	0.1–4.0		

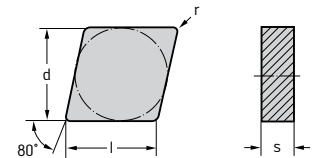
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: VCGT110302FS-1 WDN10

DP = Polycrystalline diamond

Turning Insert Ceramic – Negative rhombic 80°

CNGN / CNGA



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	K CN	S CS	H CC
						WCK10	WIS10 WIS30	WWS20 WCH10C
	CNGN120408T01020	0,8	12,9	0,10–0,22	0,1–3,6			
	CNGN120412T01020	1,2	12,9	0,10–0,32	0,1–3,6			
	CNGN120708T01020	0,8	12,9	0,10–0,22	0,1–3,6	☺	☺	☺
	CNGN120712T01020	1,2	12,9	0,10–0,32	0,1–3,6	☺	☺	☺
	CNGN120716T01020	1,6	12,9	0,10–0,42	0,1–3,6	☺	☺	☺
	CNGN120712T02020	1,2	12,9	0,10–0,60	0,1–6,0	☺		
	CNGA120404SM-MWS	0,4	12,9	0,05–0,25	0,1–0,5			☺
	CNGA120408SM-MWS	0,8	12,9	0,05–0,30	0,1–1,0			☺
	CNGA120412SM-MWS	1,2	12,9	0,05–0,35	0,1–1,0			☺
	CNGA120404SM-S	0,4	12,9	0,05–0,20	0,1–0,5			☺
	CNGA120408SM-S	0,8	12,9	0,05–0,25	0,1–1,0			☺
	CNGA120412SM-S	1,2	12,9	0,05–0,30	0,1–1,0			☺

See the ISO 1832 designation key for dimensions

Ordering example for the grade WWS20: CNGN120408T01020 WWS20

CN = Silicon nitride Si₃N₄

CS = Uncoated ceramic SiAlON

WALTER SELECT

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

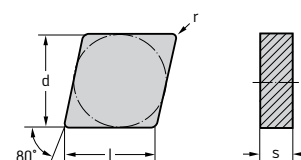
☺ ☹ ☹ / * = New addition to the product range

ISO indexable inserts – CBN/PCD/ceramic

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Turning Insert Ceramic – Negative rhombic 80°

CNGN / CNGA



Indexable inserts

Designation	r mm	l mm	f mm	a _p mm	K	S		H
					CN	CS	CR	CC
					WCK10	WIS10	WIS30	WWS20
					WCH10C			
	CNGA120408T02020	0,8	12,9	0,10–0,40	☺			
	CNGA120412T02020	1,2	12,9	0,10–0,60	☺			
	CNGA120416T02020	1,6	12,9	0,10–0,60	☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WWS20: CNGN120408T01020 WWS20

CN = Silicon nitride Si₃N₄

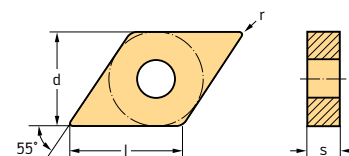
CS = Uncoated ceramic SiAlON

CR = Reinforced ceramic

CC = Coated ceramic

Turning Insert Ceramic – Negative rhombic 55°

DNGA



Indexable inserts

Designation	r mm	l mm	f mm	a _p mm	K	H
					CN	CC
					WCK10	WCH10C
	DNGA150404SM-S	0,4	15,5	0,05–0,20		☺
	DNGA150408SM-S	0,8	15,5	0,05–0,25		☺
	DNGA150604SM-S	0,4	15,5	0,05–0,20		☺
	DNGA150608SM-S	0,8	15,5	0,05–0,25		☺
	DNGA150608T02020	0,8	15,5	0,10–0,40	☺	

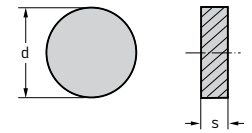
See the ISO 1832 designation key for dimensions

Ordering example for the grade WCH10C: DNGA150404SM-S WCH10C

CN = Silicon nitride Si₃N₄

CC = Coated ceramic

Ceramic insert – Negative round RNGN



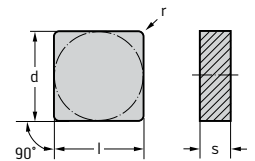
Indexable inserts

Designation	d mm	s mm	f mm	a _p mm	S		
					CS	CR	
					WIS10	WIS30	WWS20
 RNGN120700E	12,7	7,94	0,10–0,32	0,1–3,6	☺	☹	☹
 RNGN120700T01020	12,7	7,94	0,20–0,32	0,2–3,6	☺	☹	☹
RNGN150700T01020	15,875	7,94	0,10–0,40	0,2–4,5			☹

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

CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

Turning Insert Ceramic – Negative square SNGN / SNGA



Indexable inserts

Designation	r mm	l mm	f mm	a _p mm	K			
					CN	CS	S	H
					WCK10	WIS10	WWS20	WCH10C
 SNGN120708T01020	0,8	12,7	0,10–0,22	0,1–3,6			☹	
SNGN120712T01020	1,2	12,7	0,10–0,32	0,1–3,6	☺	☹		
 SNGN120412T02020	1,2	12,7	0,10–0,60	0,1–5,0	☺			
SNGN120416T02020	1,6	12,7	0,10–0,60	0,1–5,0	☺			
SNGN120712T02020	1,2	12,7	0,10–0,60	0,1–5,0	☺			
 SNGA120408SM-S	0,8	12,7	0,05–0,30	0,1–1,0				☹
 SNGA120408T02020	0,8	12,7	0,10–0,40	0,1–5,0	☺			
SNGA120416T02020	1,6	12,7	0,10–0,80	0,1–5,0	☺			

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

WALTER SELECT

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

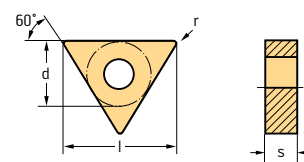
☺ ☹ ☹ / ★ = New addition to the product range

ISO indexable inserts – CBN/PCD/ceramic

83

Turning Insert Ceramic – Negative triangular 60°

TNGA



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	K	H
						CN	CC
	TNGA160404SM-S	0,4	16,5	0,05–0,20	0,1–0,5	WCH10	WCH10C
	TNGA160408SM-S	0,8	16,5	0,05–0,25	0,1–1,0	WCH10	WCH10C
	TNGA160408T02020	0,8	16,5	0,10–0,40	0,1–5,0	WCH10	WCH10C
	TNGA160412T02020	1,2	16,5	0,10–0,60	0,1–5,0	WCH10	WCH10C

See the ISO 1832 designation key for dimensions

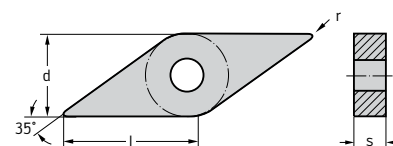
Ordering example for the grade WCH10C: TNGA160404SM-S WCH10C

CN = Silicon nitride Si₃N₄

CC = Coated ceramic

Turning Insert Ceramic – Negative rhombic 35°

VNGA



Indexable inserts

	Designation	r mm	l mm	f mm	a _p mm	H
						CC
	VNGA160404SM-S	0,4	16,61	0,05–0,20	0,1–0,5	WCH10C
	VNGA160408SM-S	0,8	16,61	0,05–0,23	0,1–0,5	WCH10C

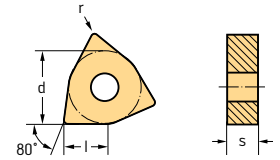
See the ISO 1832 designation key for dimensions

Ordering example for the grade WCH10C: VNGA160404SM-S WCH10C

CC = Coated ceramic

Turning Insert Ceramic – Negative Trigon 80°

WNGA



Indexable inserts

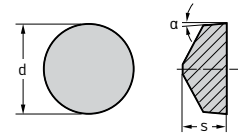
	Designation	r mm	l mm	f mm	a _p mm	K	H
						CN	CC
	WNGA080404SM-S	0,4	8,69	0,05–0,20	0,1–0,5	WCK10	WCH10C
	WNGA080408SM-S	0,8	8,69	0,05–0,25	0,1–1,0	WCK10	WCH10C
	WNGA080408T02020	0,8	8,69	0,10–0,40	0,1–5,0	WCK10	WCH10C
	WNGA080412T02020	1,2	8,69	0,10–0,60	0,1–5,0	WCK10	WCH10C

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

CN = Silicon nitride Si₃N₄
CC = Coated ceramic

Turning Insert Ceramic – Positive round

RCGX



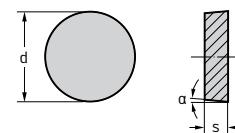
Indexable inserts

	Designation	d mm	s mm	α	f mm	a _p mm	S		
							CS	CR	
	RCGX060600E	6,35	6,35	7°	0,10–0,15	0,1–1,8	WIS10	WIS30	WWS20
	RCGX090700E	9,525	7,94	7°	0,10–0,25	0,1–2,4	WIS10	WIS30	WWS20
	RCGX120700E	12,7	7,94	7°	0,10–0,32	0,1–3,6	WIS10	WIS30	WWS20
	RCGX060600T01020	6,35	6,35	7°	0,10–0,20	0,2–1,8	WIS10	WIS30	WWS20
	RCGX090700T01020	9,525	7,94	7°	0,10–0,25	0,2–2,4	WIS10	WIS30	WWS20
	RCGX120700T01020	12,7	7,94	7°	0,10–0,32	0,2–3,6	WIS10	WIS30	WWS20

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

CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

Ceramic insert – Positive round RPGN



Indexable inserts

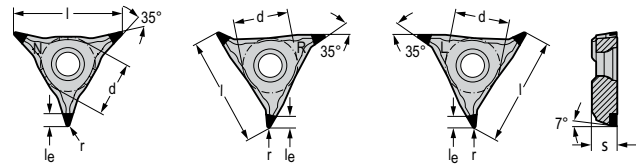
	Designation	d mm	s mm	α	f mm	a _p mm	S	
							CS	
	RPGN090300E	9,525	3,18	11°	0,10–0,20	0,1–2,4	WIS10	WIS30
	RPGN120400E	12,7	4,76	11°	0,10–0,30	0,1–3,6	WIS10	WIS30
	RPGN090300T01020	9,525	3,18	11°	0,10–0,25	0,2–2,4	WIS10	WIS30
	RPGN120400T01020	12,7	4,76	11°	0,10–0,32	0,2–3,6	WIS10	WIS30

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...



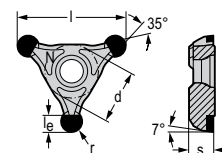
Indexable inserts

	Designation	Number of cutting edges	r mm	l mm	le mm	le1 mm	f mm	ap mm	H BC WBH20C
	WL25-VC0704NTM-3	3	0,4	25	3		0,05–0,20	0,1–0,5	
	WL25-VC0708NTM-3	3	0,8	25	3		0,05–0,25	0,1–0,5	
	WL25-VC0704RTM-3	3	0,4	25	3	3	0,05–0,20	0,1–0,5	
	WL25-VC0708RTM-3	3	0,8	25	3	3	0,05–0,25	0,1–0,5	
	WL25-VC0704LTM-3	3	0,4	25	3	3	0,05–0,20	0,1–0,5	
	WL25-VC0708LTM-3	3	0,8	25	3	3	0,05–0,25	0,1–0,5	

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

BC = coated CBN

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



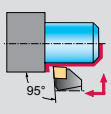
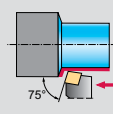
Indexable inserts

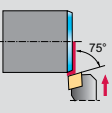
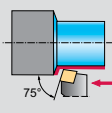
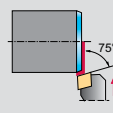
Designation	Number of cutting edges	r mm	l mm	le mm	f mm	ap mm	H BC WBH20C
 WL25-RC0420NTM-3	3	2	25	3,2	0,02–0,50	0,1–2,0	
	3	2,5	25	5	0,02–0,50	0,1–2,5	

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

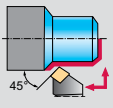
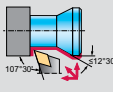
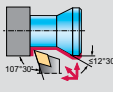
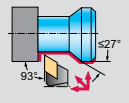
BC = coated CBN

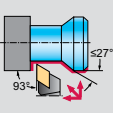
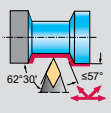
Square-shank turning toolholders – Negative basic shape

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
Page in catalogue	110	113	115	117
QR code				
	www.walter-tools.com/woc/			

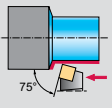
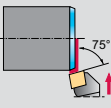
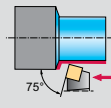
Type				
Machining				
				
Designation	DCKN	DCRN	PCBN	PCKN
Approach angle	75°	75°	75°	75°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	25–32		25–32	25
Shank size h [Inch]	1,000–1,250	1,000–1,250		
Insert size l [mm]	12–16	12–19	12–19	12
Page in catalogue	120	118	119	122
QR code				
	www.walter-tools.com/woc/			

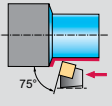
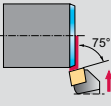
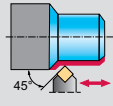
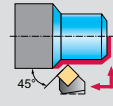
Square-shank turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	PCSN	DDHN	DDQN	DDJN
Approach angle	45°	107,5°	107,5°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
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
Page in catalogue	123	124	125	126
QR code				
	www.walter-tools.com/woc/			
	PCSN	DDHN	DDQN	DDJN

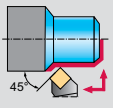
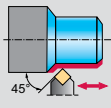
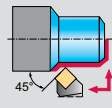
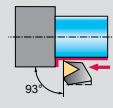
Type				
Machining				
				
Designation	DDJN...-P	PDJN	DDNN	DDPN
Approach angle	93°	93°	62,5°	62,5°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	External	External	External
Shank size h [mm]	20–25	16–32	20–32	
Shank size h [Inch]	0,750–1,000			0,750–1,250
Insert size l [mm]	11–15	11–15	11–15	15
Page in catalogue	128	130	131	132
QR code				
	www.walter-tools.com/woc/			
	DDJN-P	PDJN	DDNN	DDPN

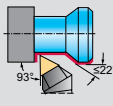
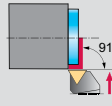
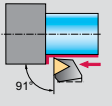
Square-shank turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	DSBN	DSKN	DSRN	DSBN...-P
Approach angle	75°	75°	75°	75°
Clamping system	Lever-type	Claw	Claw	Claw
Coolant supply	External	External	External	External
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
Page in catalogue	133	137	135	134
QR code				
	www.walter-tools.com/woc/			

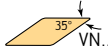
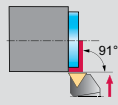
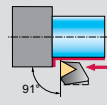
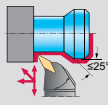
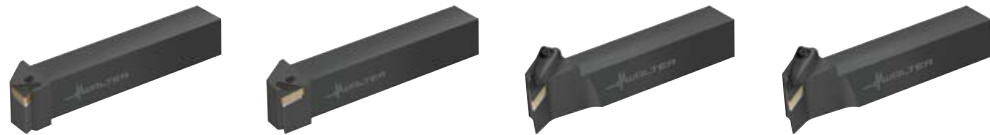
Type				
Machining				
				
Designation	PSBN	PSKN	DSDN	DSSN
Approach angle	75°	75°	45°	45°
Clamping system	Claw	Lever-type	Claw	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–50	20–32	20–32	20–32
Shank size h [Inch]			0,625–1,500	1,000
Insert size l [mm]	12–25	12–19	9–25	12–19
Page in catalogue	136	138	143	139
QR code				
	www.walter-tools.com/woc/			

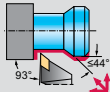
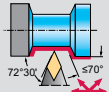
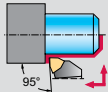
Square-shank turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	DSSN...-P	PSDN	PSSN	DTJN
Approach angle	45°	45°	45°	93°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	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
Page in catalogue	141	145	142	150
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	Precision cooling	External	External
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
Page in catalogue	146	147	148	149
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	Claw	Lever-type	Lever-type	Claw
Coolant supply	Precision cooling	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
Page in catalogue	152	151	153	160
QR code				
www.walter-tools.com/woc/	PTFN	PTGN	DVPN	DVTN

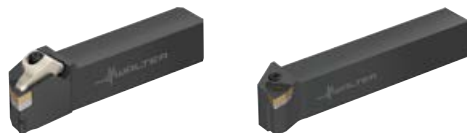
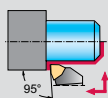
Type				
Machining				
				
Designation	DVJN	DVJN...-P	DVVN	DWLN
Approach angle	93°	93°	72,5°	95°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	20–32	20–25	20–32	16–32
Shank size h [Inch]	0,750–1,250	0,750–1,000	0,750–1,250	0,750–1,250
Insert size l [mm]	16	16	16	6–10
Page in catalogue	154	156	158	161
QR code				
www.walter-tools.com/woc/	DVJN	DVJN-P	DVVN	DWLN

Square-shank turning toolholders – Negative basic shape

Type

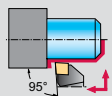
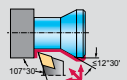
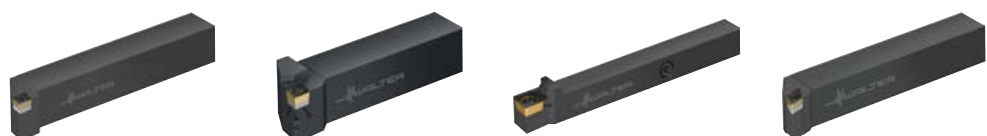


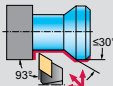
Machining



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
Page in catalogue	163	165
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
Page in catalogue	166	168	168	171
QR code				
www.walter-tools.com/woc/	SCLC	SCLC-P	SCLC-S-P	SDHC

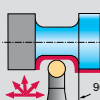
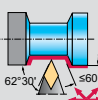
Type				
Machining				
				
Designation	SDJC	SDJC...-P	SDJC...-S-P	DDJC...-P
Approach angle	93°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	External	Precision cooling	Precision cooling	Precision cooling
Shank size h [mm]	10–25	20–25	10–16	20–25
Shank size h [Inch]	0,375–1,000	0,750–1,000		
Insert size l [mm]	7–11	11	7–11	11
Page in catalogue	172	174	174	177
QR code				
	SDJC	SVJC-P	SVJC-S-P	DDJC-P
www.walter-tools.com/woc/				

Square-shank turning toolholders – Positive basic shape

Type



Machining



Designation	SDNC	SDNC...-P	SRAC	SRDC
Approach angle	62,5°	62,5°		
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	External	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
Page in catalogue	178	179	180	181

QR code


www.walter-tools.com/woc/

SDNC

SDNC-P

SRAC

SRDC

Type



Machining



Designation	SRGC	SRSC	PRDC	PRGC
Approach angle				
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	External	Precision cooling	Precision cooling	Precision cooling
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
Page in catalogue	186	184	183	187

QR code


www.walter-tools.com/woc/

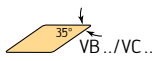
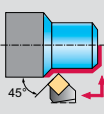
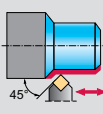
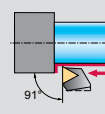
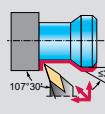
SRGC

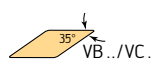
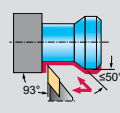
SRSC

PRDC

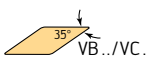
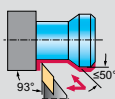
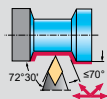
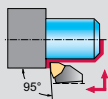
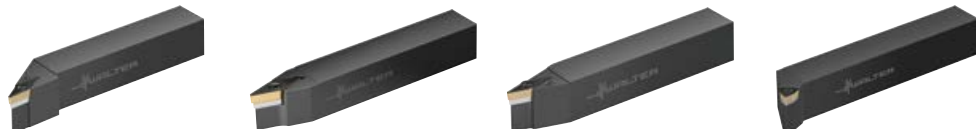
PRGC

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	Precision cooling	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
Page in catalogue	188	189	191	193
QR code				
	www.walter-tools.com/woc/			

Type				
Machining				
				
Designation	SVJB	SVJB...-P	SVJB...-S-P	DVJB...-P
Approach angle	93°	93°	93°	93°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	12–32	20–25	10–16	20–25
Shank size h [Inch]	0,500–1,000			
Insert size l [mm]	11–16	16	11	16
Page in catalogue	194	196	196	198
QR code				
	www.walter-tools.com/woc/			

Square-shank turning toolholders – Positive basic shape

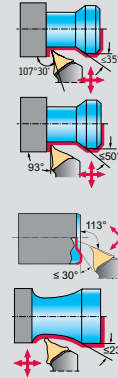
Type				
Machining				
				
Designation	PVJB	SVVB	PVVB	SWLC
Approach angle	93°	72,5°	72,5°	95°
Clamping system	Lever-type	Screw	Lever-type	Screw
Coolant supply	External	External	External	External
Shank size h [mm]	16–32	12–32	20–32	12–25
Shank size h [Inch]	0,750–1,000			
Insert size l [mm]	11–16	11–16	11–16	4–8
Page in catalogue	199	200	202	203
QR code				
www.walter-tools.com/woc/	PVJB	SVVB	PVVB	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			
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	16–32	16–32	12–16
Shank size h [Inch]		0,750–1,000	0,500–0,625
Insert size l [mm]	25	17–25	17
Page in catalogue	204	205	207

QR code


www.walter-tools.com/woc/

W1011

W1011-P

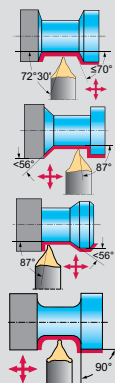
W1011-S-P

Shank tool – WL Copy turning system

Type



Machining



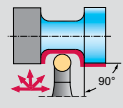
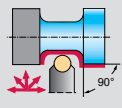
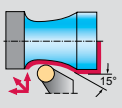
Designation	W1010...-P
Approach angle	72,5°
Clamping system	
Coolant supply	Precision cooling
Shank size h [mm]	16–25
Shank size h [Inch]	0,750–1,000
Insert size l [mm]	17–25
Page in catalogue	209

QR code

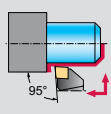
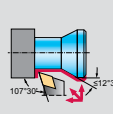

www.walter-tools.com/woc/

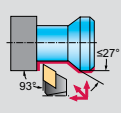
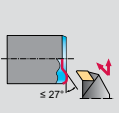
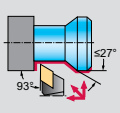
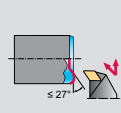
W1010-P

Square-shank turning toolholders – Ceramic indexable inserts

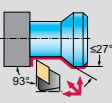
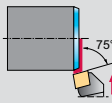
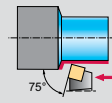
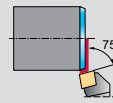
Type	 RC../RP..	 RN..		
Machining				
				
Designation	CRDC	CRDN	CRSN	CRSN...-P
Approach angle				
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	32	25–32	25–32	25
Shank size h [Inch]				
Insert size l [mm]	9–12	12	12	12
Page in catalogue	214	213	211	212
QR code				
www.walter-tools.com/woc/	CRDC	CRDN	CRSN	CRSN-P

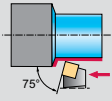
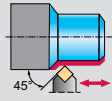
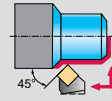
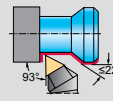
Walter Capto™ turning toolholders – Negative basic shape

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
Page in catalogue	215	215	218	219
QR code				
	www.walter-tools.com/woc/	C-DCLN	C-DCLN-P	C-PCLN
			C-DDHN-P	

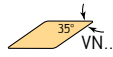
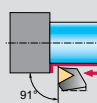
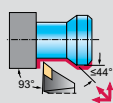
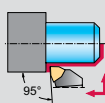
Type				
Machining				
				
Designation	C...-DDJN	C...-DDUN	C...-DDJN...-P	C...-DDUN...-P
Approach angle	93°	93°	93°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Internal	Internal	Precision cooling	Precision cooling
Walter Capto™ size	C4–C8	C4–C8	C4–C8	C6
Insert size l [mm]	11–15	15	11–15	15
Page in catalogue	220	223	220	223
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
Page in catalogue	222	228	225	229
QR code				
	www.walter-tools.com/woc/C-PDJN	www.walter-tools.com/woc/C-DSKN	www.walter-tools.com/woc/C-DSRN	www.walter-tools.com/woc/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
Page in catalogue	227	231	230	232
QR code				
	www.walter-tools.com/woc/C-PSRN	www.walter-tools.com/woc/C-DSDN	www.walter-tools.com/woc/C-DSSN	www.walter-tools.com/woc/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
Page in catalogue	233	234	234	236

QR code

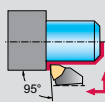

www.walter-tools.com/woc/

C-DTGN-P

C-DVJN

C-DVJN-P

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
Page in catalogue	236	238

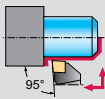
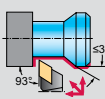
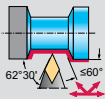
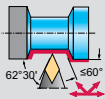
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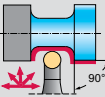
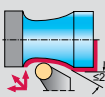
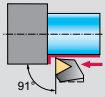
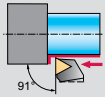

www.walter-tools.com/woc/

C-DWLN-P

C-PWLN

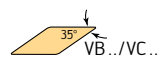
Walter Capto™ turning toolholders – Positive basic shape

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
Page in catalogue	239	241	240	242
QR code				
	www.walter-tools.com/woc/			
	C-SCLC	C-SDJC	C-DDJC-P	C-SDNC

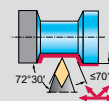
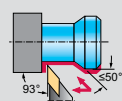
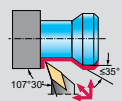
Type				
Machining				
				
Designation	C...-SRDC	C...-SRSC	C...-PRSC	C...-STGC
Approach angle				91°
Clamping system	Screw	Screw	Lever-type	Screw
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C6	C4–C6	C5–C8	C4–C5
Insert size l [mm]	6–16	10–16	16–25	11–16
Page in catalogue	243	244	245	246
QR code				
	www.walter-tools.com/woc/			
	C-SRDC	C-SRSC	C-PRSC	C-STGC

Walter Capto™ turning toolholders – Positive basic shape

Type



Machining



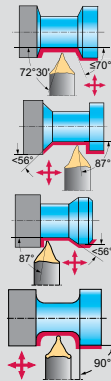
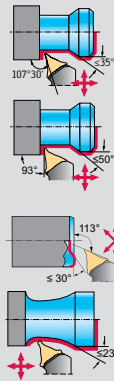
Designation	C...-SVHB	C...-SVJB	C...-DVJB...-P	C...-SVVB
Approach angle	107,5°	93°	93°	72,5°
Clamping system	Screw	Screw	Claw	Screw
Coolant supply	Internal	Internal	Precision cooling	Internal
Walter Capto™ size	C3–C6	C3–C6	C4–C8	C4–C6
Insert size l [mm]	11–16	11–16	16	11–16
Page in catalogue	247	248	249	250
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		
Coolant supply	Precision cooling	Precision cooling
Walter Capto™ size	C3–C6	C4–C6
Insert size l [mm]	17–25	25
Page in catalogue	251	252

QR code


www.walter-tools.com/woc/

W1011-C-P

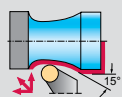
W1010-C-P

Square-shank turning toolholders – Ceramic indexable inserts

Type



Machining



Designation

C...-CRSN...-P

Approach angle

Clamping system

Claw

Coolant supply

Precision cooling

Walter Capto™ size

C6

Insert size l [mm]

12

Page in catalogue

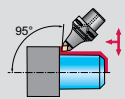
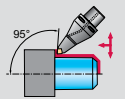
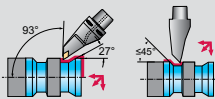
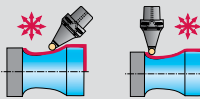
253

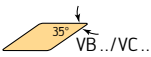
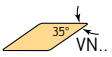
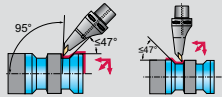
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www.walter-tools.com/woc/

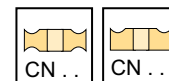
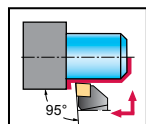
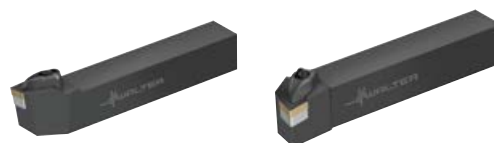
C-CRSN-P

Turning holder Walter Capto™ - Turning and milling centres

Type				
Machining				
				
Designation	C...-SCMC	C...-DCMN	C...-DDMN	C...-SRDC
Approach angle	95°	95°	93°	
Clamping system	Screw	Claw	Claw	Screw
Coolant supply	axial	axial	axial	Internal
Shank size h [mm]	C6	C5-C8	C5-C8	C6
Shank size h [Inch]				
Insert size l [mm]	12	12-16	15	10-16
Page in catalogue	257	254	255	258
QR code				
	www.walter-tools.com/woc/			

Type		
Machining		
		
Designation	C...-SVMB	C...-DVMN
Approach angle	95°	95°
Clamping system	Screw	Claw
Coolant supply	axial	axial
Shank size h [mm]	C5-C6	C8
Shank size h [Inch]		
Insert size l [mm]	16	16
Page in catalogue	259	256
QR code		
	www.walter-tools.com/woc/	

Shank tool – Rigid clamping

DCLN mm
Walter Turn


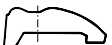
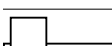
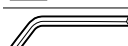
Tool

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 ..

Square shank

 Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalogue 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)

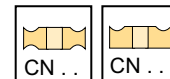
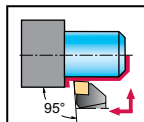
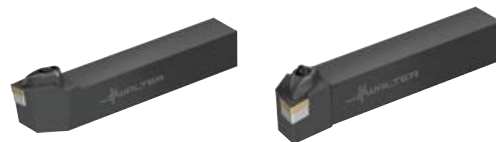
Accessories

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		

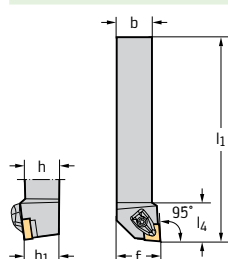
Shank tool – Rigid clamping

DCLN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

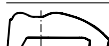
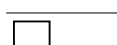
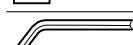
λ_s

Type

DCLNR103A	9	0,625	0,625	4,000	0,978	0,875	-6°	-6°	CN .. 0903 .. CN .. 32 ..
DCLNR123C	9	0,750	0,750	5,000	0,978	1,000	-6°	-6°	
DCLNR104A	12	0,625	0,625	4,000	1,260	0,867	-6°	-6°	CN .. 1204 .. CN .. 43 ..
DCLNR124B	12	0,750	0,750	4,500	1,260	1,000	-6°	-6°	
DCLNR164C	12	1,000	1,000	5,000	1,260	1,250	-6°	-6°	
DCLNR164D	12	1,000	1,000	6,000	1,260	1,250	-6°	-6°	
DCLNR204D	12	1,250	1,250	6,000	1,260	1,500	-6°	-6°	
DCLNR244D	12	1,500	1,500	6,000	1,260	2,000	-6°	-6°	
DCLNR165D	16	1,000	1,000	6,000	1,540	1,250	-6°	-6°	CN .. 1606 .. CN .. 54 ..
DCLNR205D	16	1,250	1,250	6,000	1,540	1,500	-6°	-6°	
DCLNR245D	16	1,500	1,500	6,000	1,540	2,000	-6°	-6°	
DCLNR206D	19	1,250	1,250	6,000	1,700	1,500	-6°	-6°	CN .. 1906 .. CN .. 64 ..
DCLNR246D	19	1,500	1,500	6,000	1,700	2,000	-6°	-6°	
DCLNL103A	9	0,625	0,625	4,000	0,978	0,875	-6°	-6°	CN .. 0903 .. CN .. 32 ..
DCLNL123C	9	0,750	0,750	5,000	0,978	1,000	-6°	-6°	
DCLNL124B	12	0,750	0,750	4,500	1,260	1,000	-6°	-6°	CN .. 1204 .. CN .. 43 ..
DCLNL164C	12	1,000	1,000	5,000	1,260	1,250	-6°	-6°	
DCLNL164D	12	1,000	1,000	6,000	1,260	1,250	-6°	-6°	
DCLNL204D	12	1,250	1,250	6,000	1,260	1,500	-6°	-6°	
DCLNL244D	12	1,500	1,500	6,000	1,260	2,000	-6°	-6°	
DCLNL165D	16	1,000	1,000	6,000	1,540	1,250	-6°	-6°	CN .. 1606 .. CN .. 54 ..
DCLNL205D	16	1,250	1,250	6,000	1,540	1,500	-6°	-6°	
DCLNL245D	16	1,500	1,500	6,000	1,540	2,000	-6°	-6°	
DCLNL206D	19	1,250	1,250	6,000	1,700	1,500	-6°	-6°	CN .. 1906 .. CN .. 64 ..
DCLNL246D	19	1,500	1,500	6,000	1,700	2,000	-6°	-6°	

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalogue 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 .. 0,625–0,75	CN .. 1204 .. 0,625	CN .. 1204 .. 0,75–1,5	CN .. 1606 .. 1–1,5	CN .. 1906 .. 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

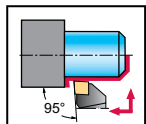
	Type	CN .. 0903 ..	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET	PK243-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET	
	Insert with hole Carbide clamp set		PK254-SET		
	CN..1207.. Shim for CN .. 1207 ..		AP411-CN1207		

Shank tool – Rigid clamping

DCLN...-P mm

Walter Turn

– Precision cooling



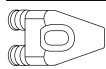
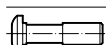
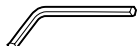
Tool

Designation		h = h ₁ mm	b mm	b ₁ mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DCLNR2020X12-P		12	20	20	10	115	25	-6°	-6°	CN .. 1204 ..
DCLNR2525X12-P		12	25	25	4	130	32	-6°	-6°	
DCLNR2525X16-P		16	25	25	12	135	32	-6°	-6°	CN .. 1606 ..
DCLNR3232X16-P		16	32	32	6	147	40	-5,5°	-6°	
DCLNL2020X12-P		12	20	20	10	115	25	-6°	-6°	CN .. 1204 ..
DCLNL2525X12-P		12	25	25	4	130	32	-6°	-6°	
DCLNL2525X16-P		16	25	25	12	135	32	-6°	-6°	CN .. 1606 ..
DCLNL3232X16-P		16	32	32	6	147	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 catalogue 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

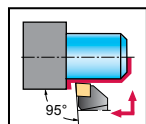
Type	CN .. 1204 ..	CN .. 1606 ..
 (standard assembly parts) Clamp set		PK267-SET
 (standard assembly parts) Left clamp set	PK265L-SET	
 (standard assembly parts) Right clamp set	PK265R-SET	

Shank tool – Rigid clamping

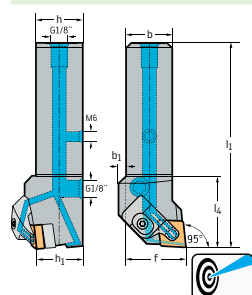
DCLN...-P inch

Walter Turn

– Precision cooling



Tool



Designation

h = h₁
inchb
inchb₁
inchl₁
inchl₄
inchf
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°

CN .. 1606 ..

DCLNR165D-P

16

1,000

1,000

0,472

6,000

1,713

1,250

-6°

-6°

CN .. 1204 ..
CN .. 43 ..

DCLNL124B-P

12

0,750

0,750

0,394

4,500

1,575

1,000

-6°

-6°

CN .. 1606 ..
CN .. 54 ..

DCLNL164D-P

12

1,000

1,000

0,157

6,000

1,516

1,250

-6°

-6°

CN .. 1204 ..
CN .. 43 ..

DCLNL165D-P

16

1,000

1,000

0,472

6,000

1,713

1,250

-6°

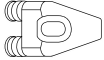
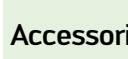
-6°

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 catalogue 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 .. 0,75–1	CN .. 1606 .. 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)

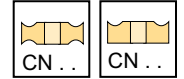
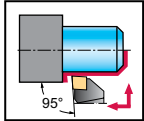
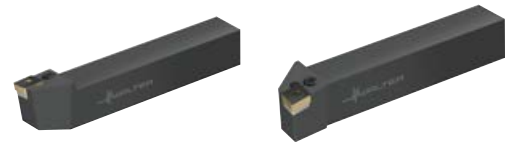
Accessories

	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	

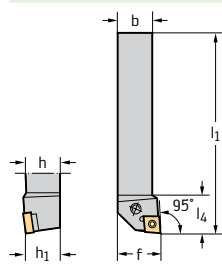
Shank tool – Lever clamping

PCLN mm

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	16	20	24,2	100	-6°	-6°	CN .. 0903 ..
PCLNR2020K09	9	20	20	25	24,2	125	-6°	-6°	
PCLNR2525M09	9	25	25	32	24,2	150	-6°	-6°	
PCLNR1616H12	12	16	16	20	27,2	100	-6°	-6°	CN .. 1204 ..
PCLNR2020K12	12	20	20	25	27,2	125	-6°	-6°	
PCLNR2525M12	12	25	25	32	27,2	150	-6°	-6°	
PCLNR3225P12	12	32	25	32	27,2	170	-6°	-6°	
PCLNR2525M16	16	25	25	32	33,9	150	-6°	-6°	CN .. 1606 ..
PCLNR3225P16	16	32	25	32	33,9	170	-6°	-6°	
PCLNR3232P16	16	32	32	40	33,9	170	-6°	-6°	
PCLNR3232P19	19	32	32	40	37,9	170	-6°	-6°	CN .. 1906 ..
PCLNR4040S19	19	40	40	50	37,9	250	-6°	-6°	
PCLNR4040S25	25	40	40	50	50	250	-6°	-6°	CN .. 2509 ..
PCLNR5050T25	25	50	50	60	50	300	-6°	-6°	
PCLNL1616H09	9	16	16	20	24,2	100	-6°	-6°	CN .. 0903 ..
PCLNL2020K09	9	20	20	25	24,2	125	-6°	-6°	
PCLNL2525M09	9	25	25	32	24,2	150	-6°	-6°	
PCLNL1616H12	12	16	16	20	27,2	100	-6°	-6°	CN .. 1204 ..
PCLNL2020K12	12	20	20	25	27,2	125	-6°	-6°	
PCLNL2525M12	12	25	25	32	27,2	150	-6°	-6°	
PCLNL3225P12	12	32	25	32	27,2	170	-6°	-6°	
PCLNL2525M16	16	25	25	32	33,9	150	-6°	-6°	CN .. 1606 ..
PCLNL3225P16	16	32	25	32	33,9	170	-6°	-6°	
PCLNL3232P16	16	32	32	40	33,9	170	-6°	-6°	
PCLNL3232P19	19	32	32	40	37,9	170	-6°	-6°	CN .. 1906 ..
PCLNL4040S19	19	40	40	50	37,9	250	-6°	-6°	
PCLNL4040S25	25	40	40	50	50	250	-6°	-6°	CN .. 2509 ..
PCLNL5050T25	25	50	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 catalogue 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 .. 0903 .. 16–25	CN .. 1204 .. 16	CN .. 1204 .. 20–32	CN .. 1606 .. 25–32	CN .. 1906 .. 32–40	CN .. 2509 .. 40–50
	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)

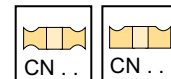
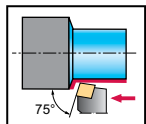
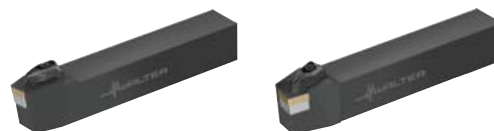
Accessories

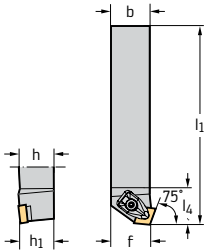
Type	CN .. 0903 ..-CN .. 2509 ..	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
 Shim		AP134-CN1208	AP135-CN1616	AP136-CN1912

Shank tool – Rigid clamping

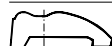
DCBN mm

Walter Turn



Tool			$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
 Square shank	Designation									
	DCBNR2525M12	12	25	25	150	34,6	22	-6°	-6°	CN .. 1204 ..
	DCBNR3225P12	12	32	25	170	34,6	22	-6°	-6°	CN .. 1606 ..
	DCBNR2525M16	16	25	25	150	41,5	22	-6°	-6°	
	DCBNR3232P16	16	32	32	170	41,6	27	-6°	-6°	
	DCBNR3232P19	19	32	32	170	46,1	27	-6°	-6°	CN .. 1906 ..
	DCBNL2525M12	12	25	25	150	34,6	22	-6°	-6°	CN .. 1204 ..
	DCBNL3225P12	12	32	25	170	34,6	22	-6°	-6°	CN .. 1606 ..
	DCBNL2525M16	16	25	25	150	41,5	22	-6°	-6°	
	DCBNL3232P16	16	32	32	170	41,6	27	-6°	-6°	
DCBNL3232P19	19	32	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

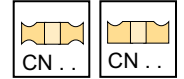
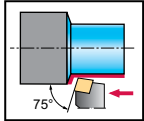
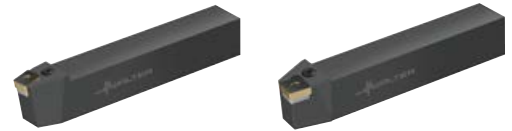
Assembly parts		Type $h = h_1$ [mm]	CN .. 1204 .. 25–32	CN .. 1606 .. 25–32	CN .. 1906 .. 32
	Shim		AP301-CN12	AP302-CN16	AP303-CN19
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK242	PK243
	Screw for clamp Tightening torque		FS1473 (T15IP) 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	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		

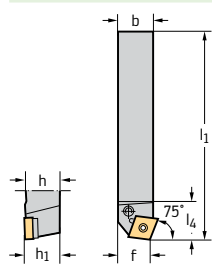
Shank tool – Lever clamping

PCBN

Walter Turn



Tool



Designation

h = h₁
mmb
mmf
mml₄
mml₁
mm

γ

λ_s

Type

PCBNR2525M12	12	25	25	22	26,9	150	-6°	-6°	CN .. 1204 ..
PCBNR2525M16	16	25	25	22	33,6	150	-6°	-6°	CN .. 1606 ..
PCBNR3232P16	16	32	32	27	33,6	170	-6°	-6°	CN .. 1906 ..
PCBNR3232P19	19	32	32	27	37,5	170	-6°	-6°	
PCBNL2525M12	12	25	25	22	26,9	150	-6°	-6°	CN .. 1204 ..
PCBNL2525M16	16	25	25	22	33,6	150	-6°	-6°	CN .. 1606 ..
PCBNL3232P16	16	32	32	27	33,6	170	-6°	-6°	CN .. 1906 ..
PCBNL3232P19	19	32	32	27	37,5	170	-6°	-6°	

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online catalogue 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]CN .. 1204 ..
25CN .. 1606 ..
25-32CN .. 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 ..

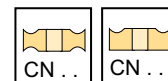
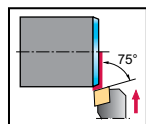
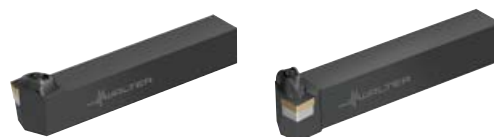
CN .. 1906 ..

	Shim	AP134-CN1208	AP135-CN1616	AP136-CN1912
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Shank tool – Rigid clamping

DCKN

mm

Walter Turn


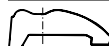
Tool

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°	
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°	
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 catalogue 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)

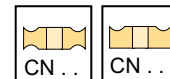
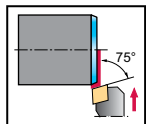
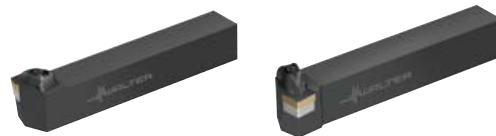
Accessories

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



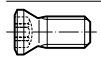
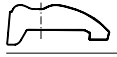
Tool

Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
DCKNR164D	12	1,000	1,000	6,000	0,837	1,250	-6°	-6°	CN .. 1204 .. CN .. 43 ..
DCKNR205D	16	1,250	1,250	6,000	1,065	1,500	-6°	-6°	CN .. 1606 .. CN .. 54 ..
DCKNL164D	12	1,000	1,000	6,000	0,837	1,250	-6°	-6°	CN .. 1204 .. CN .. 43 ..
DCKNL205D	16	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 catalogue 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 .. 1	CN .. 1606 .. 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

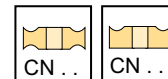
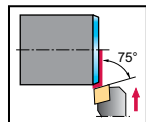
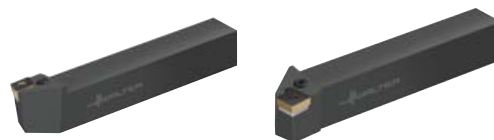
Type	CN .. 1204 ..	CN .. 1606 ..
 Insert with hole Carbide clamp set	PK241-SET	
 (standard assembly parts) Clamp set		PK242-SET
 Insert with hole Carbide clamp set	PK245-SET	PK246-SET
 Insert with hole Carbide clamp set	PK254-SET	
 Shim for CN .. 1207 ..	AP411-CN1207	

Shank tool – Lever clamping

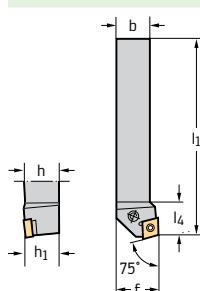
PCKN

mm

Walter Turn



Tool



Designation

h = h₁
mmb
mmf
mml₄
mml₁
mm

γ

λ_s

Type

PCKNR2525M12

12

25

25

32

22,9

153,1

-6°

-6°

CN .. 1204 ..

PCKNL2525M12

12

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 catalogue 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]CN .. 1204 ..
25

Shim

AP134-CN1216



Lever

KN102

Clamping screw
Tightening torqueFS352 (SW 3)
5 Nm

Shim pin

RS102



Tapered assembly pin

MD101



Allen key

ISO2936-3 (SW 3)

Accessories

Type

CN .. 1204 ..



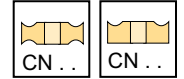
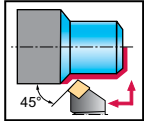
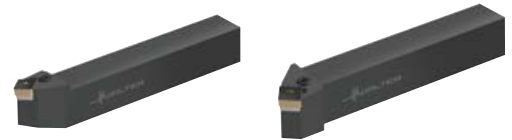
Shim

AP134-CN1208

Shank tool – Lever clamping

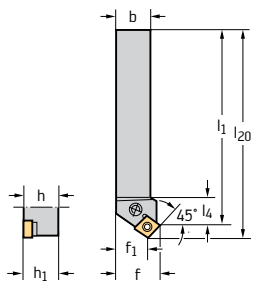
PCSN

Walter Turn



Tool

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
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 ..



Square shank

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

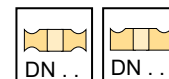
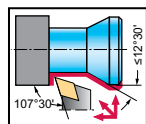
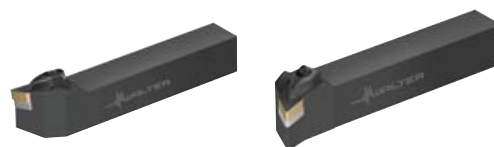
Assembly parts

Type h = h ₁ [mm]	CN .. 1204 .. 25
 Shim	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)

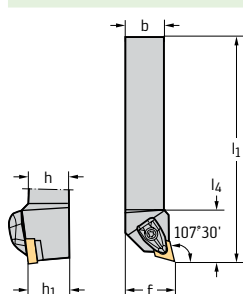
Accessories

Type	CN .. 1204 ..
 Shim	AP134-CN1208

Shank tool – Rigid clamping

DDHN mm
Walter Turn


Tool



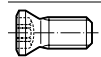
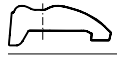
Designation

Designation	b mm	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 catalogue 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)

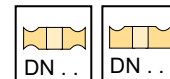
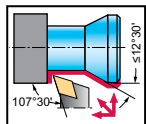
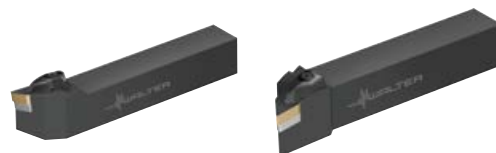
Accessories

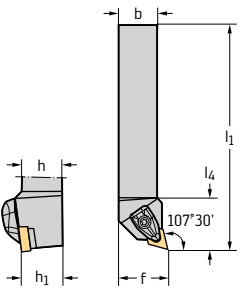
	Type	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK241-SET
	Insert without hole Carbide clamp set	PK245-SET
	Insert without hole Carbide clamp set	PK254-SET
	Shim for DN .. 1504 ..	AP304-DN1504
	Shim for DN .. 1507 ..	AP412-DN1507

Shank tool – Rigid clamping

DDQN inch

Walter Turn



Tool	Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f 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°	

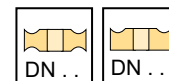
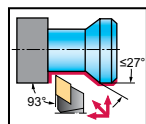
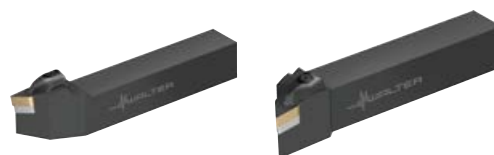
Square shank

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

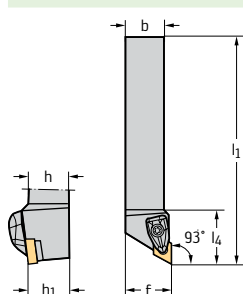
Assembly parts		Type h = h ₁ [inch]	DN .. 1504 .. 1-1,25
	Shim		AP304-DN1504
	Screw for shim Tightening torque		FS1461 (T15IP) 1,844 lbs
	Clamp		PK241
	Screw for clamp Tightening torque		FS1473 (T15IP) 2,876 lbs
	Pressure spring		FS1470
	Pin		RS117
	Torx key		FS1465 (T15IP)

Accessories		Type	DN .. 1504 ..
	(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 mm
Walter Turn


Tool



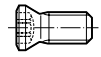
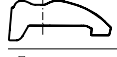
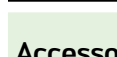
Square shank

Designation

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
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 catalogue 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 .. 20–32	DN .. 1506 .. 20–32
	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)

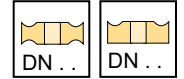
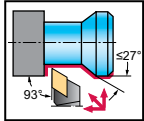
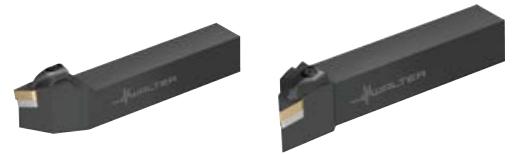
Accessories

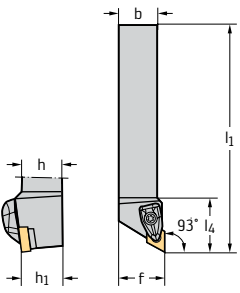
	Type	DN .. 1104 ..	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET
	Insert without hole Carbide clamp set		PK245-SET
	Insert without hole Carbide clamp set		PK254-SET
	Shim for DN .. 1504 ..		AP304-DN1504
	Shim for DN .. 1507 ..		AP412-DN1507

Shank tool – Rigid clamping

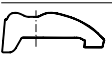
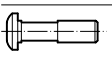
DDJN inch

Walter Turn



Tool	Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
 Square shank	DDJNR103A	11	0,625	0,625	4,000	1,195	0,875	-6°	-7°	DN .. 1104 .. DN .. 33 ..
	DDJNR123C	11	0,750	0,750	5,000	1,190	1,000	-6°	-7°	
	DDJNR163D	11	1,000	1,000	6,000	1,190	1,250	-6°	-7°	
	DDJNR124B	15	0,750	0,750	4,500	1,450	1,000	-6°	-7°	DN .. 1504 .. DN .. 43 ..
	DDJNR164C	15	1,000	1,000	5,000	1,550	1,250	-6°	-7°	
	DDJNR204D	15	1,250	1,250	6,000	1,550	1,500	-6°	-7°	
	DDJNR244D	15	1,500	1,500	6,000	1,550	2,000	-6°	-7°	
	DDJNL103A	11	0,625	0,625	4,000	1,195	0,875	-6°	-7°	DN .. 1104 .. DN .. 33 ..
	DDJNL123C	11	0,750	0,750	5,000	1,190	1,000	-6°	-7°	
	DDJNL124B	15	0,750	0,750	4,500	1,450	1,000	-6°	-7°	DN .. 1504 .. DN .. 43 ..
	DDJNL164C	15	1,000	1,000	5,000	1,550	1,250	-6°	-7°	
	DDJNL204D	15	1,250	1,250	6,000	1,550	1,500	-6°	-7°	
	DDJNL244D	15	1,500	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 catalogue 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 .. 0,625–1	DN .. 1504 .. 0,75–1,5
	Shim		AP305-DN11	AP304-DN1504
	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)

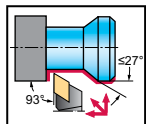
Accessories		Type	DN .. 1104 ..	DN .. 1504 ..
	(standard assembly parts) Clamp set		PK240-SET	PK241-SET
	Insert without hole Carbide clamp set			PK245-SET
	Insert without hole Carbide clamp set			PK254-SET
	Shim for DN .. 1506 ..			AP304-DN15
	Shim for DN .. 1507 ..			AP412-DN1507

Shank tool – Rigid clamping

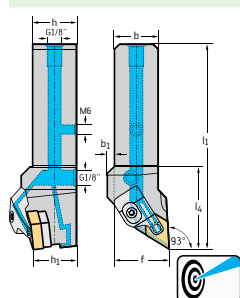
DDJN...-P inch

Walter Turn

– Precision cooling



Tool



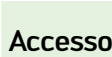
Designation

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°	
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°	

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

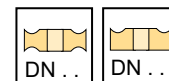
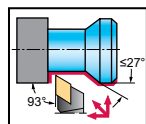
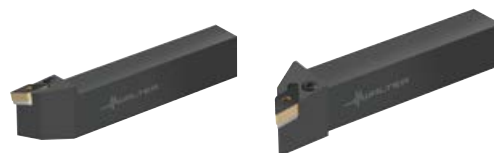
Assembly parts

	Type h = h ₁ [inch]	DN .. 1104 .. 1	DN .. 1504 .. 0,75–1
	Shim	AP305-DN11	AP304-DN1504
	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)

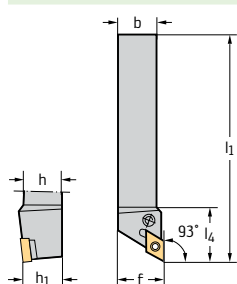
Accessories

	Type	DN .. 1104 ..	DN .. 1504 ..
	(standard assembly parts) Right clamp set	PK261R-SET	PK265R-SET
	(standard assembly parts) Left clamp set	PK261L-SET	PK265L-SET
	Shim for DN .. 1506 ..		AP304-DN15

Shank tool – Lever clamping

PDJN mm
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	16	20	29,7	100	-6°	-7°	DN .. 1104 ..
PDJNR2020K11	11	20	20	25	29,7	125	-6°	-7°	
PDJNR2525M11	11	25	25	32	29,7	150	-6°	-7°	
PDJNR3225P11	11	32	25	32	29,7	170	-6°	-7°	
PDJNR2020K15	15	20	20	25	36,2	125	-6°	-7°	DN .. 1506 ..
PDJNR2525M15	15	25	25	32	36,2	150	-6°	-7°	
PDJNR3225P15	15	32	25	32	36,2	170	-6°	-7°	
PDJNR3232P15	15	32	32	40	36,2	170	-6°	-7°	
PDJNL1616H11	11	16	16	20	29,7	100	-6°	-7°	DN .. 1104 ..
PDJNL2020K11	11	20	20	25	29,7	125	-6°	-7°	
PDJNL2525M11	11	25	25	32	29,7	150	-6°	-7°	
PDJNL3225P11	11	32	25	32	29,7	170	-6°	-7°	
PDJNL2020K15	15	20	20	25	36,2	125	-6°	-7°	DN .. 1506 ..
PDJNL2525M15	15	25	25	32	36,2	150	-6°	-7°	
PDJNL3225P15	15	32	25	32	36,2	170	-6°	-7°	
PDJNL3232P15	15	32	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 catalogue 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 ..

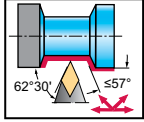
DN .. 1506 ..

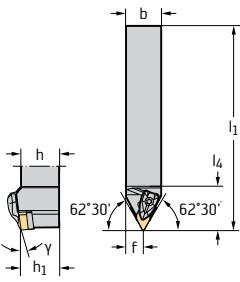
	Shim	AP171-DN1108	AP145-DN1508
	Shim for DN .. 1504 ..		AP357-DN1508
	Shim for DN .. 1504 ..		AP357-DN1516

Shank tool – Rigid clamping

DDNN

Walter Turn



Tool	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°	
	DDNNN2525M15		15	25	150	40,8	13	-5°	-9°	DN .. 1506 ..
	DDNNN3225P15		15	32	170	40,8	13	-5°	-9°	

Square shank

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

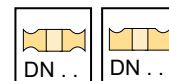
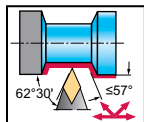
Assembly parts		Type h = h ₁ [mm]	DN .. 1104 .. 20–25	DN .. 1506 .. 25–32
	Shim		AP305-DN11	AP304-DN15
	Screw for shim Tightening torque		FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm
	Clamp		PK240	PK241
	Screw for clamp Tightening torque		FS1472 (T9IP) 1,7 Nm	FS1473 (T15IP) 3,9 Nm
	Pressure spring		FS1469	FS1470
	Pin		RS116	RS117
	Torx key		FS1466 (T9IP)	FS1465 (T15IP)

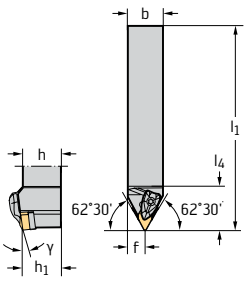
Accessories		Type	DN .. 1104 ..	DN .. 1506 ..
	(standard assembly parts) Clamp set		PK240-SET	PK241-SET
	Insert without hole Carbide clamp set			PK245-SET
	Insert without hole Carbide clamp set			PK254-SET
	Shim for DN .. 1504 ..			AP304-DN1504
	Shim for DN .. 1507 ..			AP412-DN1507

Shank tool – Rigid clamping

DDPN inch

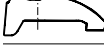
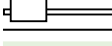
Walter Turn



Tool	Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f 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°	

Square shank

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

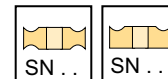
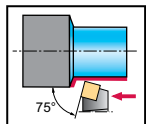
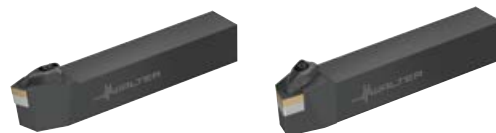
Assembly parts		
	Type h = h ₁ [inch]	DN .. 1504 .. 0,75–1,25
	Screw for shim Tightening torque	FS1461 (T15IP) 1,844 lbs
	Clamp	PK241
	Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (T15IP)

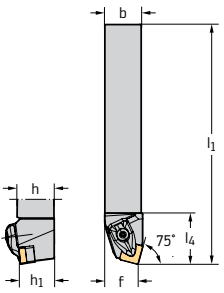
Accessories		
	Type	DN .. 1504 ..
	(standard assembly parts) Clamp set	PK241-SET
	Insert without hole Carbide clamp set	PK245-SET
	Insert without hole Carbide clamp set	PK254-SET
	Shim for DN .. 1504 ..	AP304-DN1504
	Shim for DN .. 1507 ..	AP412-DN1507

Shank tool – Rigid clamping

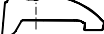
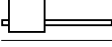
DSBN

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	150	34,3	22	-6°	-6°	SN .. 1204 ..
	DSBNR3225P12		12	32	170	34,3	22	-6°	-6°	
	DSBNR3232P15		15	32	170	41,5	27	-6°	-6°	SN .. 1506 ..
	DSBNR3232P19		19	32	170	46,4	27	-6°	-6°	SN .. 1906 ..
	DSBNR4040S19		19	40	250	46,5	35	-6°	-6°	SN .. 1204 ..
	DSBNL2525M12		12	25	150	34,3	22	-6°	-6°	
	DSBNL3225P12		12	32	170	34,3	22	-6°	-6°	SN .. 1506 ..
	DSBNL3232P15		15	32	170	41,5	27	-6°	-6°	
	DSBNL3232P19		19	32	170	46,4	27	-6°	-6°	SN .. 1906 ..
	DSBNL4040S19		19	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 catalogue 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 .. 25–32	SN .. 1506 .. 32	SN .. 1906 .. 32–40
	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)

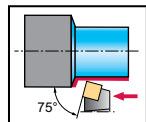
Accessories		Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
	(standard assembly parts) Clamp set		PK241-SET	PK242-SET	PK243-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET	
	Insert with hole Carbide clamp set		PK254-SET		
	Shim for SN .. 1207 ..		AP413-SN1207		

Shank tool – Rigid clamping

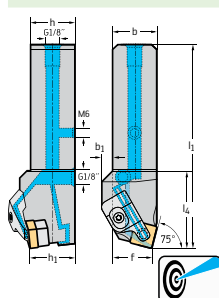
DSBN...-P

Walter Turn

– Precision cooling



Tool



Designation

DSBNR2525X12-P

DSBNL2525X12-P

h = h₁
mmb
mmb₁
mml₁
mml₄
mmf
mm

γ

λ_s

Type

SN .. 1204 ..

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 catalogue 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]SN .. 1204 ..
25

Shim

AP308-SN12

Screw for shim
Tightening torqueFS1461 (T15IP)
2,5 Nm

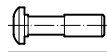
Right clamp

PK265R



Left clamp

PK265L

Screw for clamp
Tightening torqueFS1473 (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

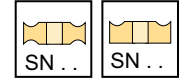
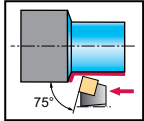
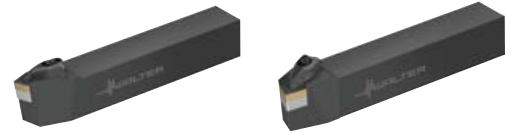
(standard assembly parts)
Left clamp set

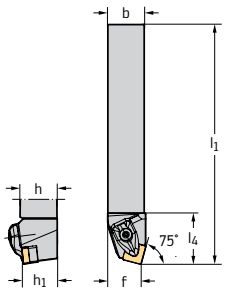
PK265L-SET

Shank tool – Rigid clamping

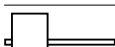
DSRN inch

Walter Turn



Tool	Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
 Square shank	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

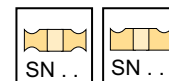
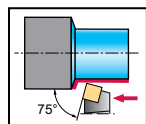
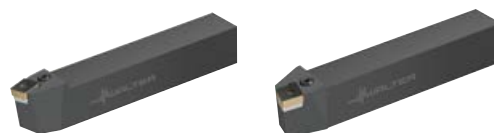
Assembly parts		Type h = h ₁ [inch]	SN .. 1204 .. 0,75–1	SN .. 1506 .. 1–1,25	SN .. 2507 .. 1,5
	Shim		AP308-SN12	AP309-SN15	AP351-SN25
	Screw for shim Tightening torque		FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs	FS1589 (T25IP) 7,007 lbs
	Clamp		PK241	PK242	PK301
	Screw for clamp Tightening torque		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 .. 1506 ..	SN .. 2507 ..
	(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		

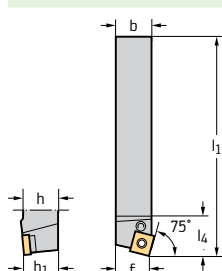
Shank tool – Lever clamping

PSBN

mm

Walter Turn


Tool



Square shank

Designation

h = h₁
mmb
mml₄
mml₁
mm

γ

λ_s

Type

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 catalogue 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 .. 20-32	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)

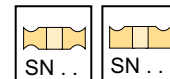
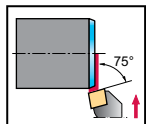
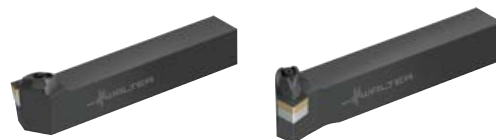
Accessories

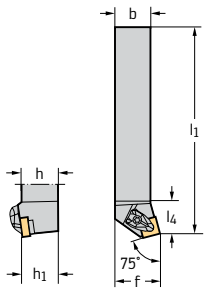
	Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..	SN .. 2507 ..
	Shim	AP141-SN1208	AP142-SN1516	AP143-SN1912	
	Shim				AP191-SN250924

Shank tool – Rigid clamping

DSKN

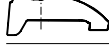
Walter Turn



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

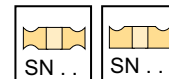
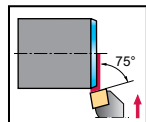
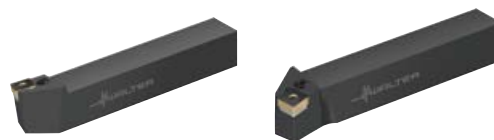
Assembly parts		Type h = h ₁ [mm]	SN .. 1204 .. 25	SN .. 1506 .. 32
	Shim		AP308-SN12	AP309-SN15
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK242
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring		FS1470	FS1471
	Pin		RS117	RS117
	Torx key		FS1465 (T15IP)	
	Allen key			FS1464 (T20IP)

Accessories		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	
	Shim for SN .. 1207 ..		AP413-SN1207	

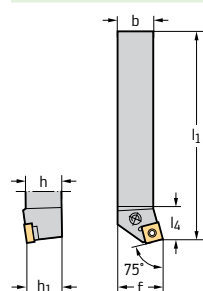
Shank tool – Lever clamping

PSKN

mm

Walter Turn


Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₄
mml₁
mm

γ

λ_s

Type

PSKNR2020K12

12

20

20

25

23

128,1

-6°

-6°

SN .. 1204 ..

PSKNR2525M12

12

25

25

32

23

153,1

-6°

-6°

SN .. 1906 ..

PSKNR3232P19

19

32

32

40

32,4

174,6

-6°

-6°

SN .. 1906 ..

PSKNL2020K12

12

20

20

25

23

128,1

-6°

-6°

SN .. 1204 ..

PSKNL2525M12

12

25

25

32

23

153,1

-6°

-6°

SN .. 1906 ..

PSKNL3232P19

19

32

32

40

32,4

174,6

-6°

-6°

SN .. 1906 ..

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 / SN .. 190612 | Refer to the Walter online catalogue 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]SN .. 1204 ..
20–25SN .. 1906 ..
32

Shim

AP141-SN1216

AP143-SN1924



Lever

KN102

KN106

Clamping screw
Tightening torqueFS352 (SW 3)
5 NmFS356 (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

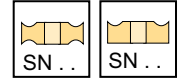
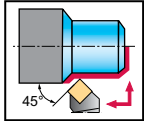
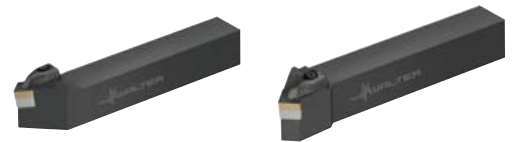
AP141-SN1208

AP143-SN1912

Shank tool – Rigid clamping

DSSN mm

Walter Turn

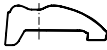
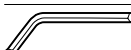


Tool

Square shank

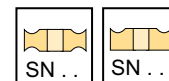
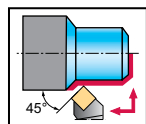
Designation		h = h ₁ mm	b mm	f mm	f ₁ mm	l ₁ mm	l ₄ mm	l ₂₀ mm	γ	λ _s	Type	
DSSNR2020K12		12	20	20	25	16,7	125	27,5	133,3	-8°	0°	SN .. 1204 ..
DSSNR2525M12		12	25	25	32	23,7	150	27,5	158,3	-8°	0°	
DSSNR3225P12		12	32	25	32	23,7	170	27,5	178,3	-8°	0°	
DSSNR2525M15		15	25	25	32	21,8	150	32	160,2	-8°	0°	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 catalogue 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 .. 20–32	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)

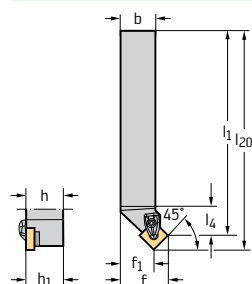
Accessories		Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
	(standard assembly parts) Clamp set		PK241-SET	PK242-SET	PK243-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET	
	Insert with hole Carbide clamp set		PK254-SET		
	Shim for SN .. 1207 ..		AP413-SN1207		

Shank tool – Rigid clamping

DSSN inch
Walter Turn


Tool

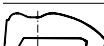
Designation		$h = h_1$ inch	b inch	f inch	f_1 inch	l_1 inch	l_4 inch	l_{20} inch	γ	λ_s	Type
DSSNR164D	12	1,000	1,000	1,250	0,922	6,000	0,748	6,328	-8°	0°	SN .. 1204 .. SN .. 43 ..
DSSNL164D	12	1,000	1,000	1,250	0,922	6,000	0,748	6,328	-8°	0°	SN .. 1204 .. SN .. 43 ..



Square shank

 Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | Refer to the Walter online catalogue 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 .. 1
	Shim	AP308-SN12
	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

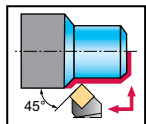
	Type	SN .. 1204 ..
	(standard assembly parts) Clamp set	PK241-SET
	Insert without hole Carbide clamp set	PK245-SET
	Insert without hole Carbide clamp set	PK254-SET
	Shim for SN .. 1207 ..	AP413-SN1207

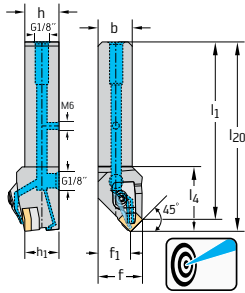
Shank tool – Rigid clamping

DSSN...-P

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	32	23,7	130	48	138,7	-8°	0°	SN .. 1204 ..
	DSSNL2525X12-P		12	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

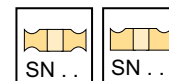
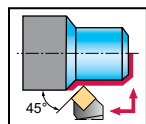
Assembly parts		
	Type h = h ₁ [mm]	SN .. 1204 .. 25
	Shim	AP308-SN12
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Right clamp	PK265R
	Left clamp	PK265L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (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

mm

Walter Turn


Tool

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	16	20,4	13,9	100	19	106,1	-8°	0°	SN .. 0903 ..
PSSNR2020K12		12	20	20	25	16,7	125	20,2	133,3	-8°	0°	SN .. 1204 ..
PSSNR2525M12		12	25	25	32	23,7	150	20,2	158,3	-8°	0°	SN .. 1506 ..
PSSNR3225P12		12	32	25	32	23,7	170	20,2	178,3	-8°	0°	
PSSNR2525M15		15	25	25	32	21,8	150	25,3	160,2	-8°	0°	
PSSNR3232P19		19	32	32	40	27,5	170	28	182,5	-8°	0°	SN .. 1906 ..
PSSNL1616H09		9	16	16	20,4	13,9	100	19	106,1	-8°	0°	SN .. 0903 ..
PSSNL2020K12		12	20	20	25	16,7	125	20,2	133,3	-8°	0°	SN .. 1204 ..
PSSNL2525M12		12	25	25	32	23,7	150	20,2	158,3	-8°	0°	SN .. 1506 ..
PSSNL3225P12		12	32	25	32	23,7	170	25,3	178,3	-8°	0°	
PSSNL2525M15		15	25	25	32	21,8	150	25,3	160,2	-8°	0°	
PSSNL3232P19		19	32	32	40	27,5	170	28	182,5	-8°	0°	SN .. 1906 ..

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 090308 / SN .. 120408 / SN .. 150612 / SN .. 190612 | Refer to the Walter online catalogue 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)

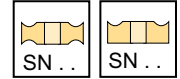
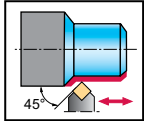
Accessories

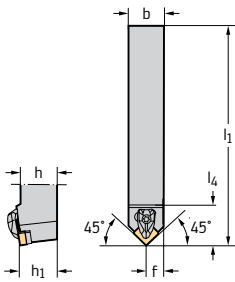
Type	SN .. 0903 ..	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
 Shim		AP141-SN1208	AP142-SN1516	AP143-SN1912

Shank tool – Rigid clamping

DSDN

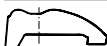
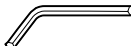
Walter Turn



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

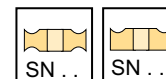
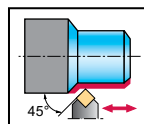
Assembly parts		Type h = h ₁ [mm]	SN .. 1204 .. 20–32	SN .. 1506 .. 25	SN .. 1906 .. 32
	Shim		AP308-SN12	AP309-SN15	AP310-SN19
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK242	PK243
	Screw for clamp Tightening torque		FS1473 (T15IP) 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		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		

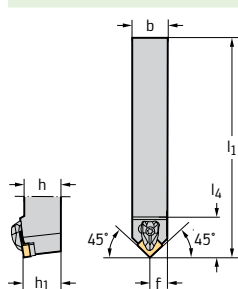
Shank tool – Rigid clamping

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	0,625	4,000	1,106	0,326	-6°	-6°	SN .. 0903 .. SN .. 32 ..
DSDNN124B	12		0,750	0,750	4,500	1,450	0,386	-6°	-6°	SN .. 1204 .. SN .. 43 ..
DSDNN164D	12		1,000	1,000	6,000	1,450	0,512	-6°	-6°	
DSDNN204D	12		1,250	1,250	6,000	1,450	0,638	-6°	-6°	
DSDNN165D	15		1,000	1,000	6,000	1,760	0,520	-6°	-6°	SN .. 1506 .. SN .. 54 ..
DSDNN205D	15		1,250	1,250	6,000	1,106	0,326	-6°	-6°	
DSDNN206D	19		1,250	1,250	6,000	1,969	0,646	-6°	-6°	SN .. 1906 .. SN .. 64 ..
DSDNN248D	25		1,500	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 catalogue 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 .. 0,625	SN .. 1204 .. 0,75–1,25	SN .. 1506 .. 1–1,25	SN .. 1906 .. 1,25	SN .. 2507 .. 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)

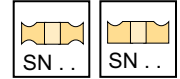
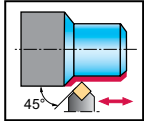
Accessories

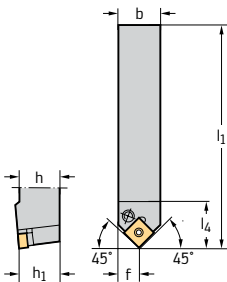
	Type	SN .. 0903 ..	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..	SN .. 2507 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET	PK243-SET	PK301-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET		
	Shim for SN .. 2509 ..					AP351-SN2509
	Insert with hole Carbide clamp set		PK254-SET			
	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
	PSDNN1212F09		9	12	6,3	20	80	-6°	-6°	SN .. 0903 ..
	PSDNN1616H09		9	16	8,3	21	100	-6°	-6°	
	PSDNN2020K12		12	20	10,3	27,6	125	-6°	-6°	SN .. 1204 ..
	PSDNN2525M12		12	25	12,8	27,6	150	-6°	-6°	
	PSDNN3225P12		12	32	12,8	27,6	170	-6°	-6°	
	PSDNN3225P15		15	32	12,5	36	170	-6°	-6°	SN .. 1506 ..
	PSDNN3232P19		19	32	16,3	40,4	170	-6°	-6°	SN .. 1906 ..
	PSDNN4040S25		25	40	21	48,8	250	-6°	-6°	SN .. 2507 ..

Square shank

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

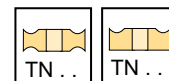
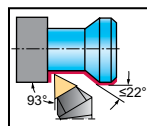
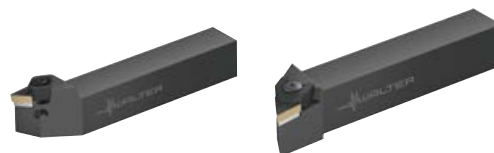
Assembly parts		Type h = h ₁ [mm]	SN .. 0903 .. 12	SN .. 0903 .. 16	SN .. 1204 .. 20-32	SN .. 1506 .. 32	SN .. 1906 .. 32	SN .. 2507 .. 40
	Shim			AP409-SN0908	AP141-SN1216	AP142-SN1524	AP143-SN1924	AP144-SN2524
	Lever		KN126	KN101	KN102	KN104	KN106	KN107
	Clamping screw Tightening torque		FS2182 (SW 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		Type	SN .. 0903 ..	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..	SN .. 2507 ..
	Shim			AP141-SN1208	AP142-SN1516	AP143-SN1912	AP191-SN250924

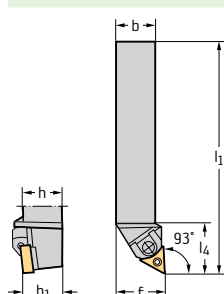
Shank tool – Wedge clamping

MTJN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

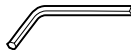
Type

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

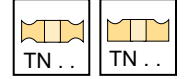
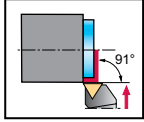
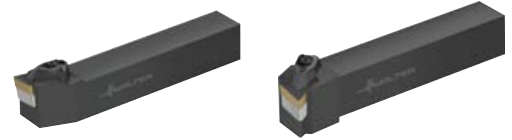
Type
h = h₁ [mm]TN .. 1604 ..
20–32TN .. 2204 ..
25–32

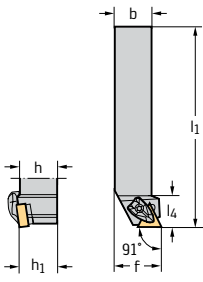
	Shim	AP147	AP148
	Clamping wedge set	FK303	FK304
	Pin	RS106	RS107
	Clamping screw Tightening torque	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm
	Allen key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Shank tool – Rigid clamping

DTFN inch

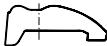
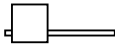
Walter Turn



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

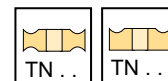
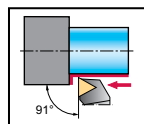
Assembly parts			Type $h = h_1$ [inch]	TN .. 2204 .. 1
	Shim			AP322-TN22
	Screw for shim Tightening torque			FS1461 (T15IP) 1,844 lbs
	Clamp			PK241
	Screw for clamp Tightening torque			FS1473 (T15IP) 2,876 lbs
	Pressure spring			FS1470
	Pin			RS117
	Torx key			FS1465 (T15IP)

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

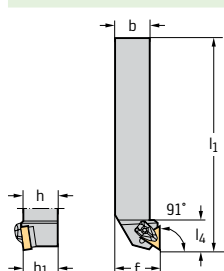
Shank tool – Rigid clamping

DTGN

mm

Walter Turn


Tool



Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

Type

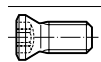
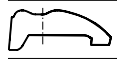
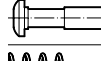
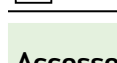
DTGNR2020K16	16	20	20	125	25,4	25	-6°	-6°	TN .. 1604 ..
DTGNR2525M16	16	25	25	150	24,6	32	-6°	-6°	
DTGNR3225P16	16	32	25	170	25,3	32	-6°	-6°	
DTGNR2525M22	22	25	25	150	32,1	32	-6°	-6°	TN .. 2204 ..
DTGNL2020K16	16	20	20	125	25,4	25	-6°	-6°	TN .. 1604 ..
DTGNL2525M16	16	25	25	150	24,6	32	-6°	-6°	
DTGNL3225P16	16	32	25	170	25,3	32	-6°	-6°	
DTGNL2525M22	22	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 catalogue 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]TN .. 1604 ..
20–32TN .. 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 ..

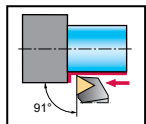
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET
	Insert without hole Carbide clamp set		PK245-SET
	Insert without hole Carbide clamp set		PK254-SET

Shank tool – Rigid clamping

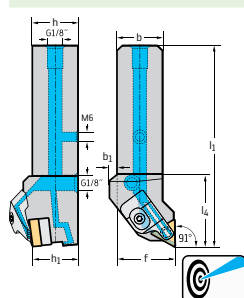
DTGN...-P

Walter Turn

– Precision cooling



Tool



Designation

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

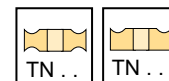
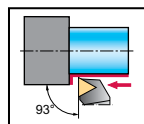
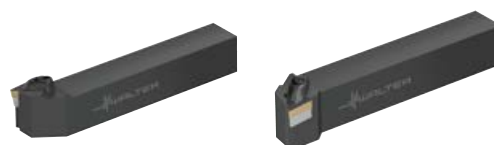
Assembly parts

	Type h = h ₁ [mm]	TN .. 1604 .. 20–25
	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


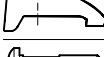
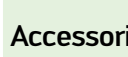
Tool

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 ..

Square shank

 Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 / TN .. 270612 | Refer to the Walter online catalogue 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]	TN .. 1604 .. 0,75–1	TN .. 2204 .. 1	TN .. 2706 .. 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)

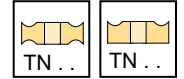
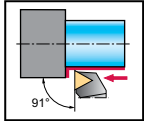
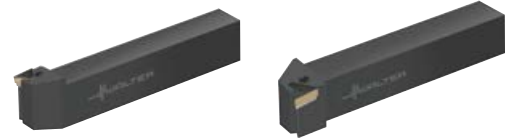
Accessories

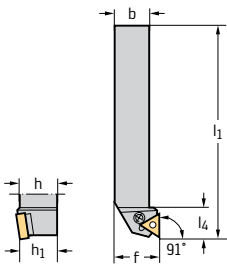
Type	TN .. 1604 ..	TN .. 2204 ..	TN .. 2706 ..
 (standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET
 Insert without hole Carbide clamp set		PK245-SET	
 Insert without hole Carbide clamp set		PK254-SET	

Shank tool – Lever clamping

PTGN

Walter Turn



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type
 Square shank	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

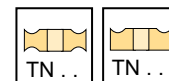
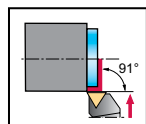
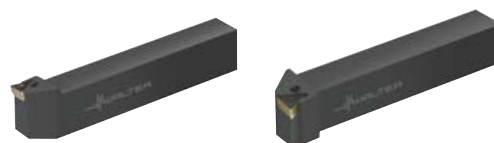
Assembly parts		TN .. 1103 .. 16	TN .. 1604 .. 16–32	TN .. 2706 .. 40
	Shim		AP137-TN1616	AP193-TN2716
	Lever	KN127	KN101	KN125
	Clamping screw Tightening torque	FS2182 (SW 2) 2 Nm	FS351 (SW 2,5) 2 Nm	FS2156 (SW 3) 5 Nm
	Shim pin		RS101	RS103
	Tapered assembly pin		MD101	MD102
	Allen key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)

Accessories		TN .. 1103 ..–TN .. 2706 ..	TN .. 1604 ..
	Shim		AP137-TN1608

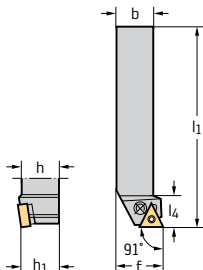
Shank tool – Lever clamping

PTFN

Walter Turn



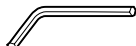
Tool

	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°	

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 | Refer to the Walter online catalogue 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)

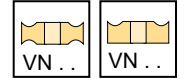
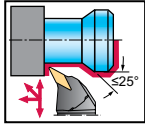
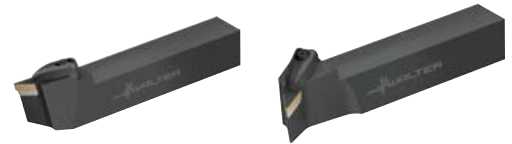
Accessories

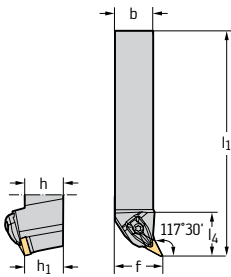
	Type	TN .. 1604 ..
	Shim	AP137-TN1608

Shank tool – Rigid clamping

DVPN

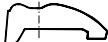
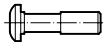
Walter Turn



Tool	Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
	DVPCR2525M16	16	25	25	150	39,2	32	-4°	-13°	VN .. 1604 ..
	DVPCR3225P16	16	32	25	170	39,2	32	-4°	-13°	
	DVPLN2525M16	16	25	25	150	39,2	32	-4°	-13°	VN .. 1604 ..
	DVPLN3225P16	16	32	25	170	39,2	32	-4°	-13°	

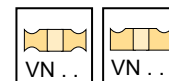
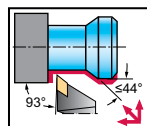
Square shank

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

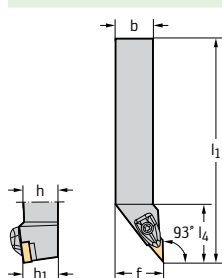
Assembly parts		
	Type h = h ₁ [mm]	VN .. 1604 .. 25-32
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Clamp	PK244
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (T15IP)

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

Shank tool – Rigid clamping

DVJN mm
Walter Turn


Tool



Square shank

Designation


 $h = h_1$
mm

 b
mm

 l_1
mm

 l_4
mm

 f
mm

 γ
 λ_s

Type

DVJNR2020K16	16	20	20	125	46,6	25	-4°	-13°	VN .. 1604 ..
DVJNR2525M16	16	25	25	150	46,6	32	-4°	-13°	
DVJNR3225P16	16	32	25	170	46,6	32	-4°	-13°	
DVJNL2020K16	16	20	20	125	46,6	25	-4°	-13°	VN .. 1604 ..
DVJNL2525M16	16	25	25	150	46,6	32	-4°	-13°	
DVJNL3225P16	16	32	25	170	46,6	32	-4°	-13°	

Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue 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 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
(standard assembly parts)
Clamp set

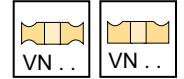
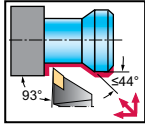
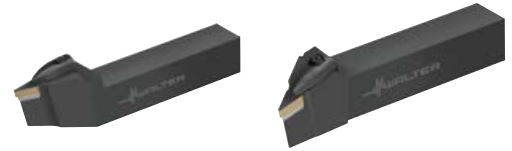
VN .. 1604 ..

	(standard assembly parts) Clamp set	PK244-SET
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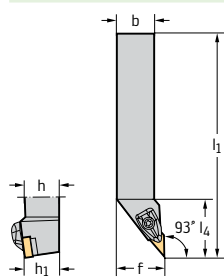
Shank tool – Rigid clamping

DVJN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

λ_s

Type

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 catalogue 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]VN .. 1604 ..
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

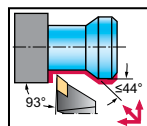
VN .. 1604 ..

	(standard assembly parts) Clamp set	PK244-SET
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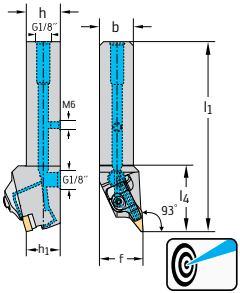
Shank tool – Rigid clamping

DVJN...-P mm
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 catalogue 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

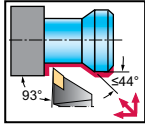
	Type	VN .. 1604 ..
	(standard assembly parts) Right clamp set	PK261R-SET
	(standard assembly parts) Left clamp set	PK261L-SET

Shank tool – Rigid clamping

DVJN...-P inch

Walter Turn

– Precision cooling

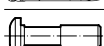
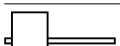


Tool

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	1,000	-4°	-13°	VN .. 1604 .. VN .. 33 ..
DVJNR163D-P	16	1,000	1,000	5,996	1,906	1,250	-4°	-13°	
DVJNL123B-P	16	0,750	0,750	4,496	1,906	1,000	-4°	-13°	VN .. 1604 .. VN .. 33 ..
DVJNL163D-P	16	1,000	1,000	5,996	1,906	1,250	-4°	-13°	

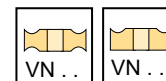
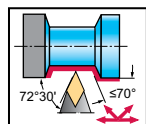
Square shank

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

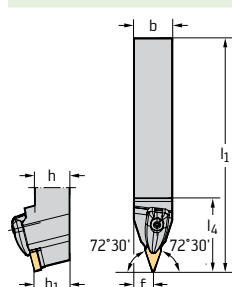
Assembly parts	Type h = h ₁ [inch]	VN .. 1604 .. 0,75–1
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 2,213 lbs
	Right clamp	PK261R
	Left clamp	PK261L
	Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

Accessories	Type	VN .. 1604 ..
	(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

Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
DVVNN2020K16		16	20	125	47,8	10,6	-4°	-13°	VN .. 1604 ..
DVVNN2525M16		16	25	150	47,8	13,1	-4°	-13°	
DVVNN3225P16		16	32	170	47,8	13,1	-4°	-13°	

Square shank

 Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue 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)

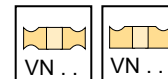
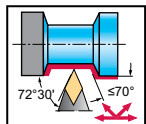
Accessories

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

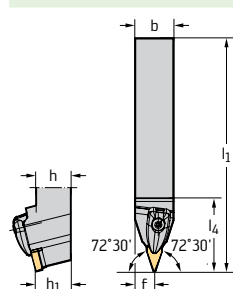
Shank tool – Rigid clamping

DVVN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

λ_s

Type

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°

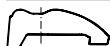
Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [inch]VN .. 1604 ..
0,75–1,25

Shim

AP312-VN16

Screw for shim
Tightening torqueFS1467 (T15IP)
2,213 lbs

Clamp

PK244

Screw for clamp
Tightening torqueFS1473 (T15IP)
2,876 lbs

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

VN .. 1604 ..

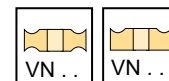
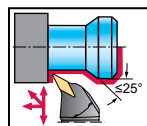
(standard assembly parts)
Clamp set

PK244-SET

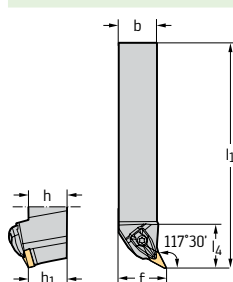
Shank tool – Rigid clamping

DVTN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

λ_s

Type

DVTNR123B	16	0,750	0,750	4,500	1,543	1,000	-4°	-13°	VN .. 1604 .. VN .. 33 ..
DVTNR163D	16	1,000	1,000	6,000	1,544	1,250	-4°	-13°	
DVTNR203D	16	1,250	1,250	6,000	1,544	1,500	-4°	-13°	
DVTNL123B	16	0,750	0,750	4,500	1,543	1,000	-4°	-13°	VN .. 1604 .. VN .. 33 ..
DVTNL163D	16	1,000	1,000	6,000	1,544	1,250	-4°	-13°	
DVTNL203D	16	1,250	1,250	6,000	1,544	1,500	-4°	-13°	

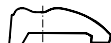
Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [inch]VN .. 1604 ..
0,75–1,25

Shim

AP312-VN16

Screw for shim
Tightening torqueFS1467 (T15IP)
2,213 lbs

Clamp

PK244

Screw for clamp
Tightening torqueFS1473 (T15IP)
2,876 lbs

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

VN .. 1604 ..

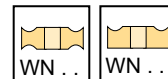
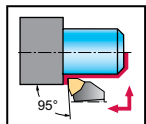
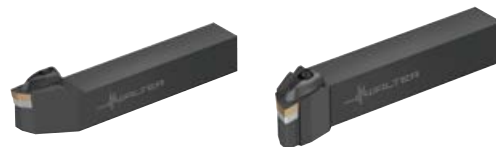
(standard assembly parts)
Clamp set

PK244-SET

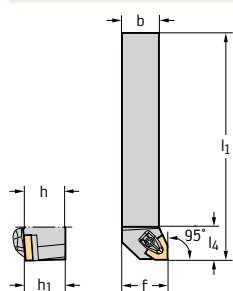
Shank tool – Rigid clamping

DWLN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

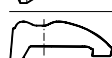
Type

DWLN1616H06	6	16	16	100	26,4	20	-6°	-6°	WN .. 0604 ..
DWLN2020K06	6	20	20	125	27,1	25	-6°	-6°	
DWLN2525M06	6	25	25	150	27,1	32	-6°	-6°	
DWLN2020K08	8	20	20	125	34,3	25	-6°	-6°	WN .. 0804 ..
DWLN2525M08	8	25	25	150	35	32	-6°	-6°	
DWLN3225P08	8	32	25	170	35	32	-6°	-6°	
DWLN2525M10	10	25	25	150	40,3	32	-6°	-6°	WN .. 1006 ..
DWLN3225P10	10	32	25	170	40,3	32	-6°	-6°	
DWLN3232P10	10	32	32	170	41,8	40	-6°	-6°	
DWLN1616H06	6	16	16	100	26,4	20	-6°	-6°	WN .. 0604 ..
DWLN2020K06	6	20	20	125	27,1	25	-6°	-6°	
DWLN2525M06	6	25	25	150	27,1	32	-6°	-6°	
DWLN2020K08	8	20	20	125	34,3	25	-6°	-6°	WN .. 0804 ..
DWLN2525M08	8	25	25	150	35	32	-6°	-6°	
DWLN3225P08	8	32	25	170	35	32	-6°	-6°	
DWLN2525M10	10	25	25	150	40,3	32	-6°	-6°	WN .. 1006 ..
DWLN3225P10	10	32	25	170	40,3	32	-6°	-6°	
DWLN3232P10	10	32	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 catalogue 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]WN .. 0604 ..
16–25WN .. 0804 ..
20–32WN .. 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 ..

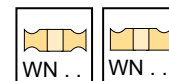
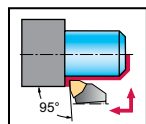
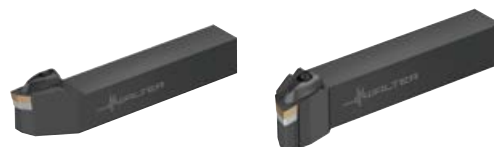
WN .. 1006 ..

	(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	

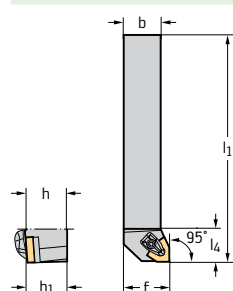
Shank tool – Rigid clamping

DWLN inch

Walter Turn



Tool



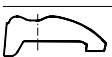
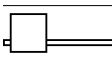
Square shank

Designation

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 catalogue 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 .. 0604 .. 0,75–1	WN .. 0804 .. 0,75–1,25	WN .. 1006 .. 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

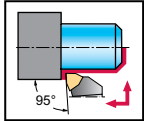
Type	WN .. 0604 ..	WN .. 0804 ..	WN .. 1006 ..
 (standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET
 Insert with hole Carbide clamp set		PK245-SET	PK246-SET
 Insert with hole Carbide clamp set		PK254-SET	

Shank tool – Rigid clamping

DWLN...-P mm

Walter Turn

– Precision cooling



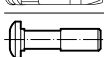
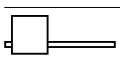
Tool

Designation		h = h ₁ mm	b mm	b ₁ mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
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 catalogue 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

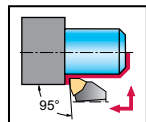
Type	WN .. 0804 ..
 (standard assembly parts) Right clamp set	PK266R-SET
 (standard assembly parts) Left clamp set	PK266L-SET

Shank tool – Rigid clamping

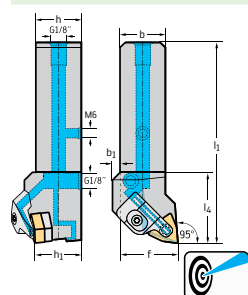
DWLN...-P inch

Walter Turn

– Precision cooling



Tool



Designation

 $h = h_1$
inchb
inch b_1
inch l_1
inch l_4
inchf
inch γ λ_s

Type

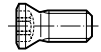
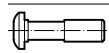
DWLN124B-P	8	0,750	0,750	0	4,500	1,713	1,000	-5,5°	-6°	WN .. 0804 .. WN .. 43 ..
DWLN164D-P	8	1,000	1,000	0	6,000	1,713	1,250	-6,5°	-5,5°	
DWLN124B-P	8	0,750	0,750	0	4,500	1,713	1,000	-5,5°	-6°	WN .. 0804 .. WN .. 43 ..
DWLN164D-P	8	1,000	1,000	0	6,000	1,713	1,250	-6,5°	-5,5°	

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 catalogue 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 ..
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

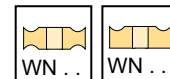
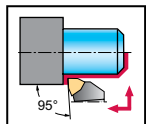
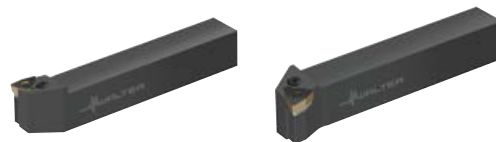
WN .. 0804 ..

	(standard assembly parts) Right clamp set	PK266R-SET
	(standard assembly parts) Left clamp set	PK266L-SET

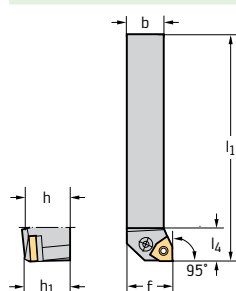
Shank tool – Lever clamping

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	16	20	18,5	100	-6°	-6°	WN .. 0604 ..
PWLN2020K06	6	20	20	25	18,5	125	-6°	-6°	
PWLN2525M06	6	25	25	32	18,5	150	-6°	-6°	
PWLN2020K08	8	20	20	25	22	125	-6°	-6°	WN .. 0804 ..
PWLN2525M08	8	25	25	32	22	150	-6°	-6°	
PWLN3225P08	8	32	25	32	22	170	-6°	-6°	
PWLN2525M10	10	25	25	32	22	150	-6°	-6°	WN .. 1006 ..
PWLN3225P10	10	32	25	32	22	170	-6°	-6°	
PWLN1616H06	6	16	16	20	18,5	100	-6°	-6°	WN .. 0604 ..
PWLN2020K06	6	20	20	25	18,5	125	-6°	-6°	
PWLN2525M06	6	25	25	32	18,5	150	-6°	-6°	
PWLN2020K08	8	20	20	25	22	125	-6°	-6°	WN .. 0804 ..
PWLN2525M08	8	25	25	32	22	150	-6°	-6°	
PWLN3225P08	8	32	25	32	22	170	-6°	-6°	
PWLN2525M10	10	25	25	32	22	150	-6°	-6°	WN .. 1006 ..
PWLN3225P10	10	32	25	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 catalogue 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

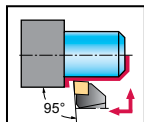
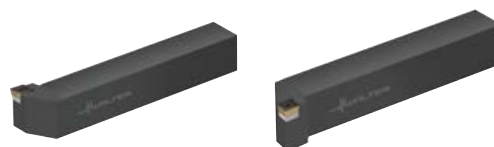
Type

WN .. 0604 ..–WN .. 1006 ..

WN .. 0804 ..

	Shim		AP170-WN0808
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Shank tool – Screw clamping

SCLC mm
Walter Turn


Tool

Tool

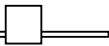
Square shank

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
SCLCR1010E06		6	10	10	12	70	11	0°	CC .. 0602 ..
SCLCR1212F06		6	12	12	16	80	10	0°	
SCLCR1616H06		6	16	16	20	100	12	0°	
SCLCR2020K06		6	20	20	25	125	12	0°	
SCLCR1212F09		9	12	12	16	80	15,6	0°	CC .. 09T3 ..
SCLCR1616H09		9	16	16	20	100	16,8	0°	
SCLCR2020K09		9	20	20	25	125	17,8	0°	
SCLCR2525M09		9	25	25	32	150	17	0°	
SCLCR2020K12		12	20	20	25	125	21,7	0°	CC .. 1204 ..
SCLCR2525M12		12	25	25	32	150	23,7	0°	
SCLCL1010E06		6	10	10	12	70	11	0°	CC .. 0602 ..
SCLCL1212F06		6	12	12	16	80	10	0°	
SCLCL1616H06		6	16	16	20	100	12	0°	
SCLCL2020K06		6	20	20	25	125	12	0°	
SCLCL1212F09		9	12	12	16	80	15,6	0°	CC .. 09T3 ..
SCLCL1616H09		9	16	16	20	100	16,8	0°	
SCLCL2020K09		9	20	20	25	125	17,8	0°	
SCLCL2525M09		9	25	25	32	150	17	0°	
SCLCL2020K12		12	20	20	25	125	21,7	0°	CC .. 1204 ..
SCLCL2525M12		12	25	25	32	150	23,7	0°	

Square shank

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

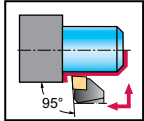
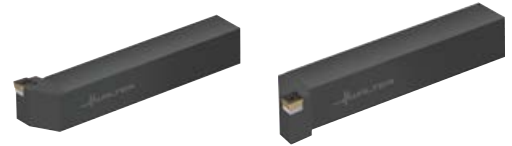
Assembly parts

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)

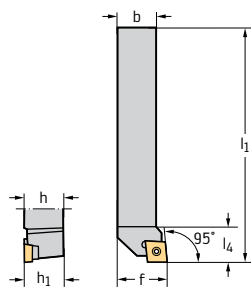
Shank tool – Screw clamping

SCLC inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchf
inchl₁
inchl₄
inch

γ

λ_s

Type

SCLCR062	6	0,375	0,375	0,500	2,500	0,390	0°	0°	CC .. 0602 .. CC .. 2(1.5) ..
SCLCR082B	6	0,500	0,500	0,625	4,500	0,470	0°	0°	
SCLCR083	9	0,500	0,500	0,625	3,500	0,630	0°	0°	CC .. 09T3 .. CC .. 3(2.5) ..
SCLCR103	9	0,625	0,625	0,750	4,000	0,630	0°	0°	
SCLCR123B	9	0,750	0,750	1,000	4,500	0,634	0°	0°	
SCLCR163D	9	1,000	1,000	1,250	6,000	0,742	0°	0°	
SCLCR164D	12	1,000	1,000	1,250	6,000	0,894	0°	0°	CC .. 1204 .. CC .. 43 ..
SCLCR204D	12	1,250	1,250	1,500	6,000	0,894	0°	0°	
SCLCL062	6	0,375	0,375	0,500	2,500	0,390	0°	0°	CC .. 0602 .. CC .. 2(1.5) ..
SCLCL082B	6	0,500	0,500	0,625	4,500	0,470	0°	0°	
SCLCL083	9	0,500	0,500	0,625	3,500	0,630	0°	0°	CC .. 09T3 .. CC .. 3(2.5) ..
SCLCL103	9	0,625	0,625	0,750	4,000	0,630	0°	0°	
SCLCL123B	9	0,750	0,750	1,000	4,500	0,634	0°	0°	
SCLCL163D	9	1,000	1,000	1,250	6,000	0,742	0°	0°	
SCLCL164D	12	1,000	1,000	1,250	6,000	0,894	0°	0°	CC .. 1204 .. CC .. 43 ..
SCLCL204D	12	1,250	1,250	1,500	6,000	0,894	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 catalogue 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]CC .. 0602 ..
0,375–0,5CC .. 09T3 ..
0,5CC .. 09T3 ..
0,625–1CC .. 1204 ..
1–1,25Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,664 lbsFS2063 (T15IP)
2,213 lbsFS2060 (T15IP)
2,213 lbsFS2065 (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)

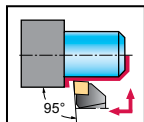
FS1496 (T15IP)

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 _h	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

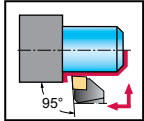
Type	h = h ₁ [mm]	CC .. 09T3 .. 20–25
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm
	Shim	AP313-CC0908
	Screw for shim	FS2068 (SW 3,5)
	M6 threaded plug	FS2288 (SW 3)
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

Shank tool – Screw clamping

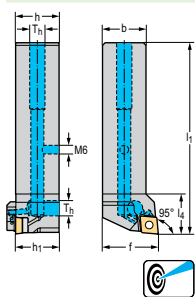
SCLC...-P inch

Walter Turn

– Precision cooling



Tool



Designation

h = h₁
inchb
inchf
inchl₁
inchl₄
inch

γ

λ_sT_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"

CC ... 09T3 ..
CC ... 3(2.5) ..

SCLCL123B-P

9

0,750

0,750

1,000

4,500

0,728

0°

0°

G1/8"

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 catalogue 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]CC ... 09T3 ..
0,75–1Clamping screw for indexable insert
Tightening torqueFS2060 (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

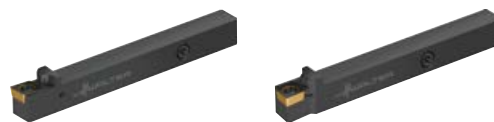
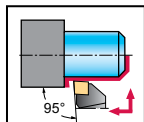
FS1465 (T15IP)

Shank tool – Screw clamping

SCLC...-S-P

Walter Turn

- Precision cooling
- For Swiss Machining



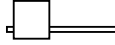
Tool

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 catalogue 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)		

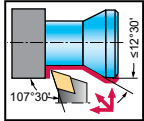
Accessories

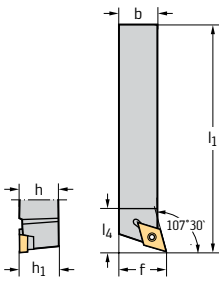
Type $h = h_1$ [mm]	CC .. 0602 ..–CC .. 09T3 .. 10–16	CC .. 09T3 .. 12
 M8x1 angle connection		FS2596
 M8x1 connection element		FS2597
 Copper gasket		FS2598

Shank tool – Screw clamping

SDHC

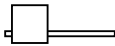
Walter Turn



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
	SDHCR1212F07		7	12	16	80	14,3	0°	0°	DC .. 0702 ..
	SDHCR1616H11		11	16	20	100	17,9	0°	0°	DC .. 11T3 ..
	SDHCR2020K11		11	20	25	125	17,9	0°	0°	
	SDHCR2525M11		11	25	32	150	20	0°	0°	
	SDHCL1212F07		7	12	16	80	14,3	0°	0°	DC .. 0702 ..
	SDHCL1616H11		11	16	20	100	17,9	0°	0°	DC .. 11T3 ..
	SDHCL2020K11		11	20	20	125	17,9	0°	0°	
	SDHCL2525M11		11	25	32	150	19,7	0°	0°	

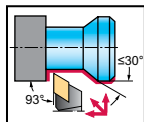
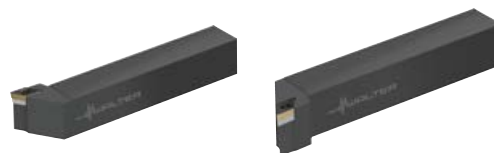
Square shank

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

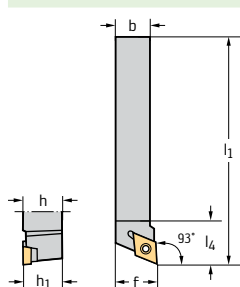
Assembly parts		DC .. 0702 .. 12	DC .. 11T3 .. 16–25
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP315-DC1108
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

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

Shank tool – Screw clamping

SDJC mm
Walter Turn


Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SDJCR1010E07	7	10	10	12	70	15,7	0°	0°	DC .. 0702 ..
SDJCR1212F07	7	12	12	16	80	15,5	0°	0°	
SDJCR1616H11	11	16	16	20	100	20,3	0°	0°	
SDJCR2020K11	11	20	20	25	125	21,9	0°	0°	DC .. 11T3 ..
SDJCR2525M11	11	25	25	32	150	24,4	0°	0°	
SDJCL1010E07	7	10	10	12	70	15,7	0°	0°	DC .. 0702 ..
SDJCL1212F07	7	12	12	16	80	15,5	0°	0°	
SDJCL1616H11	11	16	16	20	100	20,3	0°	0°	
SDJCL2020K11	11	20	20	25	125	21,9	0°	0°	DC .. 11T3 ..
SDJCL2525M11	11	25	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 catalogue 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]DC .. 0702 ..
10–12DC .. 11T3 ..
16–25Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2060 (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 ..



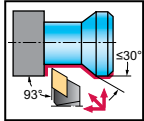
Shim

AP329-DC1112

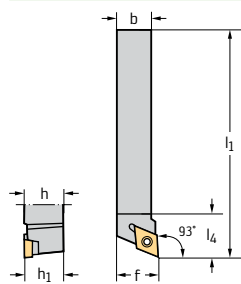
Shank tool – Screw clamping

SDJC inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchf
inchl₁
inchl₄
inch

γ

λ_s

Type

SDJCR062	7	0,375	0,375	0,500	2,500	0,614	0°	0°	DC .. 0702 .. DC .. 2(1.5) ..
SDJCR082	7	0,500	0,500	0,625	3,500	0,669	0°	0°	
SDJCR102	7	0,625	0,625	0,750	4,000	0,669	0°	0°	
SDJCR123B	11	0,750	0,750	1,000	4,500	0,878	0°	0°	DC .. 11T3 .. DC .. 3(2.5) ..
SDJCR163C	11	1,000	1,000	1,250	5,000	0,949	0°	0°	
SDJCR163D	11	1,000	1,000	1,250	6,000	0,949	0°	0°	
SDJCL062	7	0,375	0,375	0,500	2,500	0,614	0°	0°	DC .. 0702 .. DC .. 2(1.5) ..
SDJCL082	7	0,500	0,500	0,625	3,500	0,669	0°	0°	
SDJCL102	7	0,625	0,625	0,750	4,000	0,669	0°	0°	
SDJCL123B	11	0,750	0,750	1,000	4,500	0,878	0°	0°	DC .. 11T3 .. DC .. 3(2.5) ..
SDJCL163C	11	1,000	1,000	1,250	5,000	0,949	0°	0°	
SDJCL163D	11	1,000	1,000	1,250	6,000	0,949	0°	0°	

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue 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]DC .. 0702 ..
0,375–0,625DC .. 11T3 ..
0,75–1Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,664 lbsFS2060 (T15IP)
2,213 lbs

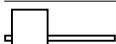
Shim

AP315-DC1108



Screw for shim

FS2068 (SW 3,5)



Torx key

FS1490 (T7IP)

FS1465 (T15IP)

Accessories

Type

DC .. 0702 ..

DC .. 11T3 ..



Shim

AP329-DC1112

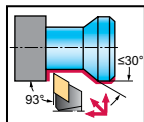
Shank tool – Screw clamping

SDJC...-P

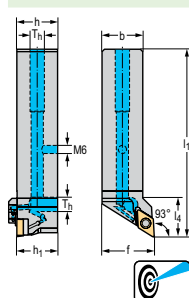
mm

Walter Turn

– Precision cooling



Tool



Designation

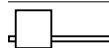
Designation	h	h ₁	b	f	l ₁	l ₄	γ	λ _s	T _h	Type
SDJCR2020X11-P	11	20	20	25	100	23,5	0°	0°	G1/8"	DC .. 11T3 ..
SDJCR2525X11-P	11	25	25	32	115	23,5	0°	0°	G1/8"	
SDJCL2020X11-P	11	20	20	25	100	23,5	0°	0°	G1/8"	DC .. 11T3 ..
SDJCL2525X11-P	11	25	25	32	115	23,5	0°	0°	G1/8"	

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 catalogue 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]DC .. 11T3 ..
20–25

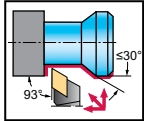
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm
	Shim	AP315-DC1108
	Screw for shim	FS2068 (SW 3,5)
	M6 threaded plug	FS2288 (SW 3)
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

Shank tool – Screw clamping

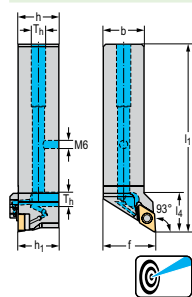
SDJC...-P inch

Walter Turn

– Precision cooling



Tool



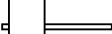
Designation

Designation		$h = h_1$ inch	b inch	f inch	l_1 inch	l_4 inch	γ	λ_s	T_h	Type
SDJCR123B-P		11	0,750	1,000	4,500	0,925	0°	0°	G1/8"	DC .. 11T3 .. DC .. 3(2.5) ..
SDJCR163D-P		11	1,000	1,250	6,000	0,925	0°	0°	G1/8"	
SDJCL123B-P		11	0,750	1,000	4,500	0,925	0°	0°	G1/8"	DC .. 11T3 .. DC .. 3(2.5) ..
SDJCL163D-P		11	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

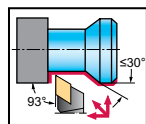
	Type $h = h_1$ [inch]	DC .. 11T3 .. 0,75–1
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 2,213 lbs
	Shim	AP315-DC1108
	Screw for shim	FS2068 (SW 3,5)
	M6 threaded plug	FS2288 (SW 3)
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

Shank tool – Screw clamping

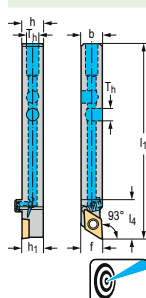
SDJC...-S-P

Walter Turn

- Precision cooling
- For Swiss Machining



Tool



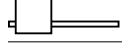
Designation

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	
SDJCR1616X11-S-P		11	16	16	120	22	0°	0°	G1/8"	DC .. 11T3 ..
SDJCL1010H07-S-P		7	10	10	100	17	0°	0°	M6	
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 catalogue 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

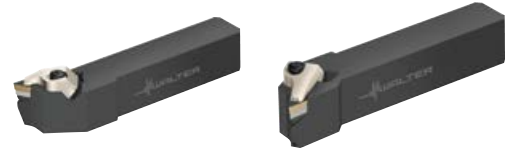
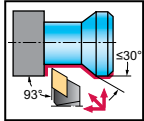
Type h = h ₁ [mm]	DC .. 0702 ..–DC .. 11T3 .. 10–16	DC .. 11T3 .. 12
 M8x1 angle connection		FS2596
 M8x1 connection element		FS2597
 Copper gasket		FS2598

Shank tool – Rigid clamping

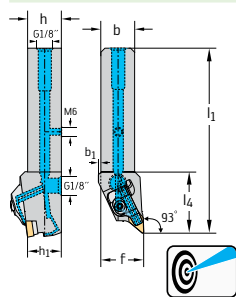
DDJC...-P mm

Walter Turn

– Precision cooling



Tool



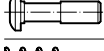
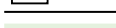
Designation

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 catalogue 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
	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
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

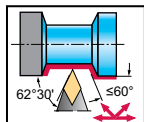
Accessories

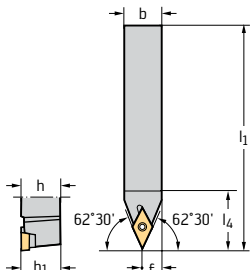
	Type	DC .. 11T3 ..
	(standard assembly parts) Right clamp set	PK261R-SET
	(standard assembly parts) Left clamp set	PK261L-SET

Shank tool – Screw clamping

SDNC

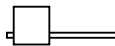
Walter Turn



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°	
	SDNCN1616H11		11	16	8,5	100	21,9	0°	0°	DC .. 11T3 ..
	SDNCN2020K11		11	20	10,5	125	21,9	0°	0°	
	SDNCN2525M11		11	25	13	150	22,2	0°	0°	

Square shank

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

Assembly parts		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)

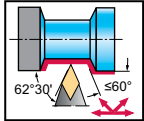
Accessories		DC .. 0702 ..	DC .. 11T3 ..
	Shim		AP329-DC1112

Shank tool – Screw clamping

SDNC...-P

Walter Turn

- Precision cooling
- For Swiss Machining



Tool

Tool

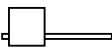
Square shank

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

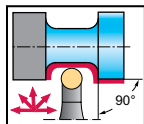
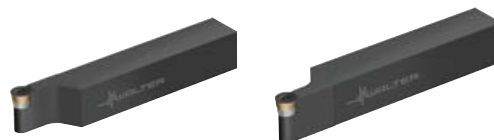
Assembly parts

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)

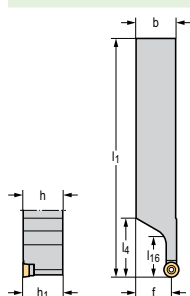
Shank tool – Screw clamping

SRAC inch

Walter Turn



Tool



Square shank

Designation

 $h = h_1$
inchb
inchf
inch l_1
inch l_4
inch l_{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°

RC .. 1204 ..
RC .. 43 ..

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 catalogue 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 ..
1RC .. 09T3 ..
1RC .. 1204 ..
1-1,25Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,664 lbsFS2116 (T9IP)
1,106 lbsFS2117 (T15IP)
2,213 lbs

Shim

AP190-RC09T3

AP189-RC1204



Torx key

FS1490 (T7IP)

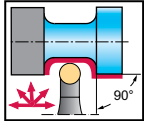
FS1466 (T9IP)

FS1465 (T15IP)

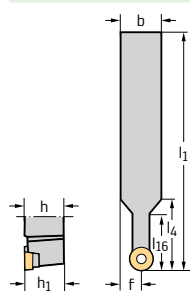
Shank tool – Screw clamping

SRDC

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mml₆
mm

γ

λ_s

Type

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°	
SRDCN2525M12	12	25	25	12,5	150	35	28	0°	0°	RC . T1204M0 ..
SRDCN3225P12	12	32	25	12,5	170	35	28	0°	0°	
SRDCN3225P16	16	32	25	12,5	170	40	35	0°	0°	

Measured with master insert: RC .. 0602M0 / RC .. 0803M0 / RC .. 10T3M0 / RC .. 1204M0 / RC .. 1606M0 | Refer to the Walter online catalogue 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]RC . T0602M0 ..
12–25RC . T0803M0 ..
16–25RC . T10T3M0 ..
20–25RC . T1204M0 ..
20–32RC . T1606M0 ..
32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS1462 (T9IP)
1,5 NmFS2063 (T15IP)
3 NmFS2060 (T15IP)
3 NmFS2090 (T20IP)
6,4 Nm

Shim

AP324-RC10T3

AP325-RC1204

AP326-RC1606

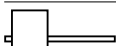


Screw for shim

FS2068 (SW 3,5)

FS2068 (SW 3,5)

FS2091 (SW 5)



Torx key

FS1490 (T7IP)

FS1466 (T9IP)

FS1465 (T15IP)

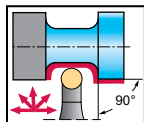
FS1465 (T15IP)



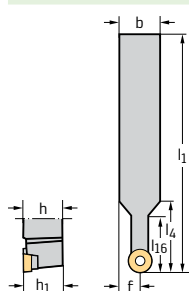
Allen key

FS1464 (T20IP)

Shank tool – Screw clamping

SRDC inch
Walter Turn


Tool



Square shank

Designation

		$h = h_1$ inch	b inch	f inch	l_1 inch	l_4 inch	l_{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°	
SRDCN164D	12	1,000	1,000	0,500	6,000	1,257	1,000	0°	0°	RC .. 1204 .. RC .. 43 ..
SRDCN204D	12	1,250	1,250	0,625	6,000	1,287	1,000	0°	0°	

Measured with master insert: RC .. 060300 / RC .. 09T300 / RC .. 120400 | Refer to the Walter online catalogue 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]

Clamping screw for indexable insert
Tightening torque

 RC .. 0603 ..
0,5

 FS2061 (T7IP)
0,664 lbs

 RC .. 09T3 ..
0,625–1

 FS2116 (T9IP)
1,106 lbs

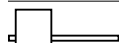
 RC .. 1204 ..
1–1,25

 FS2117 (T15IP)
2,213 lbs


Shim

AP190-RC09T3

AP189-RC1204



Torx key

FS1490 (T7IP)

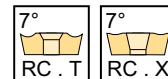
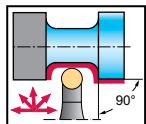
FS1466 (T9IP)

FS1465 (T15IP)

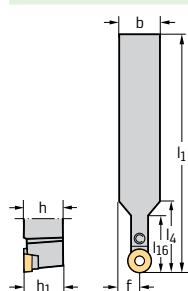
Shank tool – Lever clamping

PRDC

Walter Turn



Tool



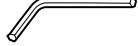
Designation

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	10	125	30	25	0°	0°	RC .. T10T3M0 ..
PRDCN2525M10		10	25	12,5	150	32	25	0°	0°	
PRDCN2525M12		12	25	12,5	150	33	28	0°	0°	RC .. T1204M0 ..
PRDCN3225P12		12	32	12,5	170	33	28	0°	0°	
PRDCN3225P16		16	32	12,5	170	40	35	0°	0°	RC .. T1605M0 ..
PRDCN3232P20		20	32	16	170	45	40	0°	0°	RC .. T2006M0 ..
PRDCN4040S25		25	40	20	250	55	50	0°	0°	RC .. T2507M0 ..
PRDCN5050U32		32	50	25	350	60	55	0°	0°	RC .. 3209 ..

Square shank

Measured with master insert: RC .. 10T3M0 / RC .. 1204M0 / RC .. 1605M0 / RC .. 2006M0 / RC .. 2507M0 / RC .. 3209M0 | Refer to the Walter online catalogue 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

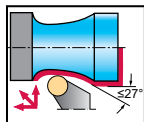
Type	RC .. T10T3M0 ..	RC .. T1204M0 ..–RC .. 3209 ..	RC .. T1605M0 ..
 Shim for RC .. 1003 ..	AP401-RC1003		
 Shim for RC .. 1605 ..			AP403-RC1605

Shank tool – Screw clamping

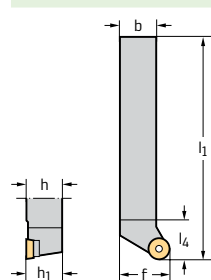
SRSC

mm

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
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 catalogue 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]RC.. T0602M0 ..
20–25RC.. T0803M0 ..
20–25RC.. T10T3M0 ..
20–25RC.. T1204M0 ..
20–32RC.. T1606M0 ..
32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS1462 (T9IP)
1,5 NmFS2063 (T15IP)
3 NmFS2060 (T15IP)
3 NmFS2090 (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)



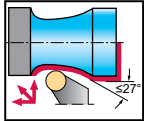
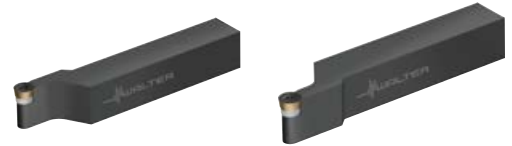
Allen key

FS1464 (T20IP)

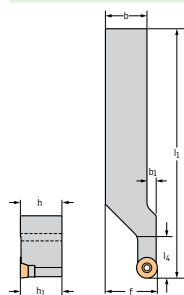
Shank tool – Screw clamping

SRSC inch

Walter Turn



Tool

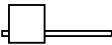


Square shank

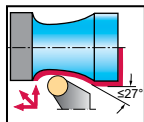
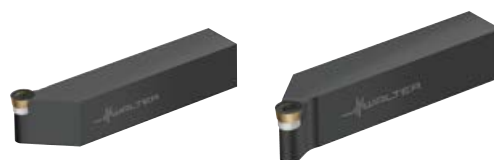
Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
SRSCR162D	6	1,000	1,000	1,250	6,000	1,113	0°	0°	RC .. 0603 .. RC .. 22 ..
SRSCR163D	9	1,000	1,000	1,250	6,000	1,331	0°	0°	RC .. 09T3 .. RC .. 3(2.5) ..
SRSCR164D	12	1,000	1,000	1,250	6,000	1,446	0°	0°	RC .. 1204 .. RC .. 43 ..
SRSCL162D	6	1,000	1,000	1,250	6,000	1,113	0°	0°	RC .. 0603 .. RC .. 22 ..
SRSCL163D	9	1,000	1,000	1,250	6,000	1,331	0°	0°	RC .. 09T3 .. RC .. 3(2.5) ..
SRSCL164D	12	1,000	1,000	1,250	6,000	1,446	0°	0°	RC .. 1204 .. RC .. 43 ..

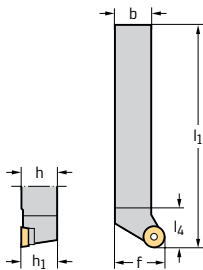
Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 060300 / RC .. 09T300 / RC .. 120400 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

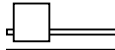
	Type h = h ₁ [inch]	RC .. 0603 .. 1	RC .. 09T3 .. 1	RC .. 1204 .. 1
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2116 (T9IP) 1,106 lbs	FS2117 (T15IP) 2,213 lbs
	Shim		AP190-RC09T3	AP189-RC1204
	Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)

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
 Square shank	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 ..

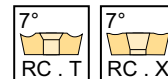
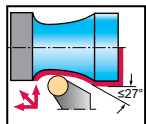
Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 120400 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		
	Type h = h ₁ [inch]	RC .. 1204 .. 1
	Clamping screw for indexable insert Tightening torque	FS2117 (T15IP) 2,213 lbs
	Shim	AP189-RC1204
	Torx key	FS1465 (T15IP)

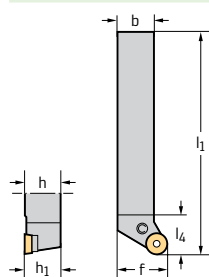
Shank tool – Lever clamping

PRGC

Walter Turn



Tool



Square shank

Designation



Designation	$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
PRGCR2525M10	10	25	25	32	150	27,2	0°	RC .. T10T3M0 ..
PRGCR2525M12	12	25	25	32	150	27,2	0°	RC .. T1204M0 ..
PRGCR3225P12	12	32	25	32	170	32	0°	RC .. T1605M0 ..
PRGCR3225P16	16	32	25	32	170	33,2	0°	RC .. T2006M0 ..
PRGCR3232P20	20	32	32	40	170	38	0°	RC .. T2507M0 ..
PRGCR4040S25	25	40	40	50	250	50,5	0°	RC .. T10T3M0 ..
PRGCL2020K10	10	20	20	25	125	20,8	0°	RC .. T1204M0 ..
PRGCL2525M10	10	25	25	32	150	27,2	0°	RC .. T1605M0 ..
PRGCL2525M12	12	25	25	32	150	27,2	0°	RC .. T2006M0 ..
PRGCL3225P12	12	32	25	32	170	32	0°	RC .. T2507M0 ..
PRGCL3225P16	16	32	25	32	170	33,2	0°	RC .. T10T3M0 ..
PRGCL3232P20	20	32	32	40	170	38	0°	RC .. T1204M0 ..
PRGCL4040S25	25	40	40	50	250	50,5	0°	RC .. T1605M0 ..

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. T10T3M0 / RC .. T1204M0 / RC .. T1605M0 / RC .. T2006M0 / RC .. T2507M0 | Refer to the Walter online catalogue 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)

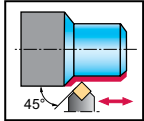
Accessories

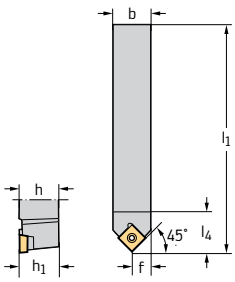
Type	RC .. T10T3M0 ..	RC .. T1204M0 ..–RC .. T2507M0 ..	RC .. T1605M0 ..
 Shim for RC .. 1003 ..	AP401-RC1003		
 Shim for RC .. 1605 ..			AP403-RC1605

Shank tool – Screw clamping

SSDCN inch

Walter Turn



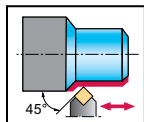
Tool	Designation		$h = h_1$ inch	b inch	f inch	l_1 inch	l_4 inch	γ	λ_s	Type
	SSDCN062	6	0,375	0,375	0,191	3,000	0,512	0°	0°	SC .. 0602 ..
	SSDCN082B	6	0,500	0,500	0,254	0,563	0,512	0°	0°	SC .. 2(1.5) ..
	SSDCN083	9	0,500	0,500	0,261	3,500	0,594	0°	0°	SC .. 09T3 ..
	SSDCN103	9	0,625	0,625	0,323	4,000	0,594	0°	0°	SC .. 3(2.5) ..
	SSDCN123B	9	0,750	0,750	0,385	4,500	0,594	0°	0°	

Square shank

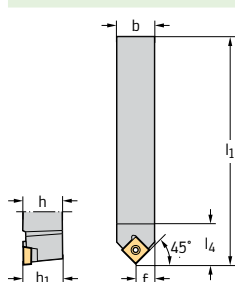
Measured with master insert: SC .. 09T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type $h = h_1$ [inch]	SC .. 0602 .. 0,375–0,5	SC .. 09T3 .. 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°

SC .. 1204 ..

SSDCN2020K12

12

20

20

10

125

22

0°

0°

SC .. 1204 ..

SSDCN2525M12

12

25

25

12,5

150

22

0°

0°

SC .. 1204 ..

Measured with master insert: SC .. 09T308 / SC .. 120408 | Refer to the Walter online catalogue 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)

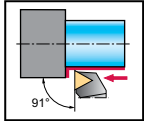
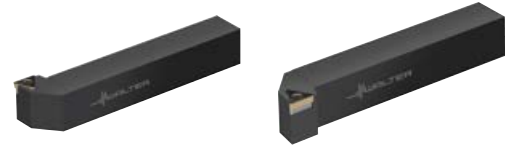
FS1465 (T15IP)

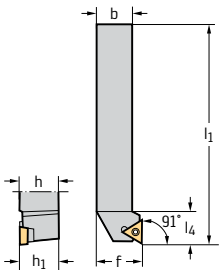
FS1496 (T15IP)

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
	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°	

Square shank

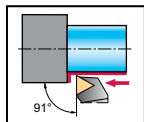
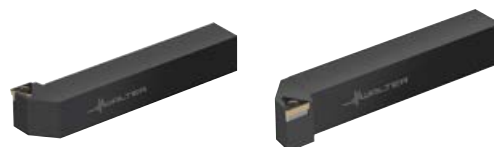
Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

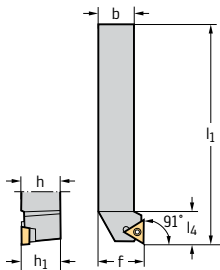
Shank tool – Screw clamping

STGC inch

Walter Turn



Tool

	Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
 Square shank	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

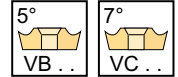
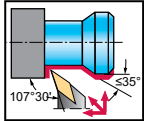
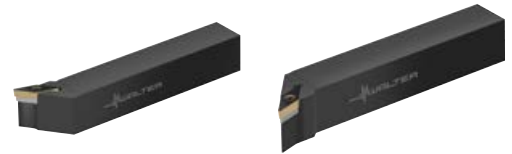
Assembly parts

	Type h = h ₁ [inch]	TC .. 1102 .. 0,375–0,5	TC .. 16T3 .. 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)

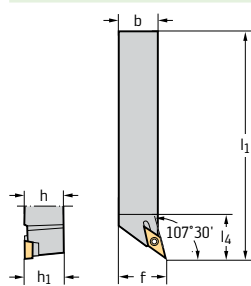
Shank tool – Screw clamping

SVHB

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SVHBR1616H11	11	16	16	20	100	18	0°	0°	VB .. 1103 ..
SVHBR2020K11	11	20	20	25	125	19	0°	0°	
SVHBR2525M11	11	25	25	32	150	27	0°	0°	
SVHBR2020K16	16	20	20	25	125	27,6	0°	0°	VB .. 1604 ..
SVHBR2525M16	16	25	25	32	150	27,6	0°	0°	
SVHBR3225P16	16	32	25	32	170	27,6	0°	0°	
SVHBL1616H11	11	16	16	20	100	18	0°	0°	VB .. 1103 ..
SVHBL2020K11	11	20	20	25	125	19	0°	0°	
SVHBL2525M11	11	25	25	32	150	27	0°	0°	
SVHBL2020K16	16	20	20	25	125	27,6	0°	0°	VB .. 1604 ..
SVHBL2525M16	16	25	25	32	150	27,6	0°	0°	
SVHBL3225P16	16	32	25	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 catalogue 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]VB .. 1103 ..
16–25VB .. 1604 ..
20–32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2060 (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 ..



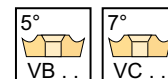
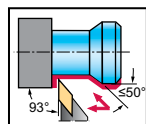
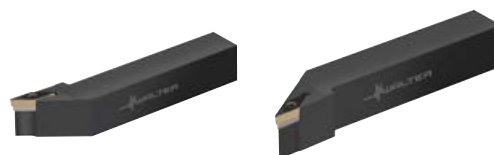
Shim

AP330-VB1612

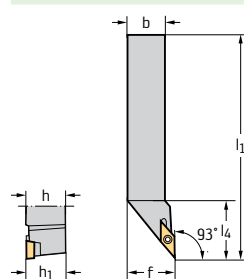
Shank tool – Screw clamping

SVJB

mm

Walter Turn


Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SVJBR1212F11	11	12	12	16	80	20,6	0°	0°	VB .. 1103 ..
SVJBR1616H11	11	16	16	20	100	21,2	0°	0°	
SVJBR2020K11	11	20	20	25	125	21,2	0°	0°	
SVJBR2525M11	11	25	25	32	150	21,2	0°	0°	
SVJBR1616H16	16	16	16	20	100	27	0°	0°	VB .. 1604 ..
SVJBR2020K16	16	20	20	25	125	31,1	0°	0°	
SVJBR2525M16	16	25	25	32	150	31,5	0°	0°	
SVJBR3225P16	16	32	25	32	170	31,5	0°	0°	
SVJBL1212F11	11	12	12	16	80	20,6	0°	0°	VB .. 1103 ..
SVJBL1616H11	11	16	16	20	100	21,2	0°	0°	
SVJBL2020K11	11	20	20	25	125	21,2	0°	0°	
SVJBL2525M11	11	25	25	32	150	21,2	0°	0°	
SVJBL1616H16	16	16	16	20	100	27	0°	0°	VB .. 1604 ..
SVJBL2020K16	16	20	20	25	125	31,1	0°	0°	
SVJBL2525M16	16	25	25	32	150	31,5	0°	0°	
SVJBL3225P16	16	32	25	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 catalogue 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]VB .. 1103 ..
12–25VB .. 1103 ..
16VB .. 1604 ..
16VB .. 1604 ..
20–32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2061 (T7IP)
0,9 NmFS2060 (T15IP)
3 NmFS2060 (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 ..



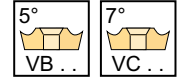
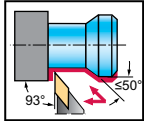
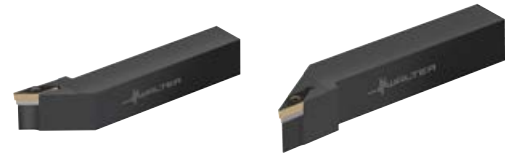
Shim for radius

AP330-VB1612

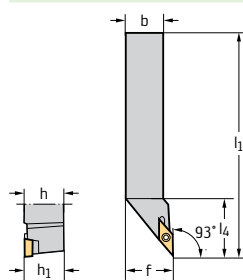
Shank tool – Screw clamping

SVJB inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchf
inchl₁
inchl₄
inch

γ

λ_s

Type

SVJBR082	11	0,500	0,500	0,625	3,500	0,799	0°	0°	VB .. 1103 .. VB .. 22 ..
SVJBR102	11	0,625	0,625	0,750	4,000	0,835	0°	0°	
SVJBR122B	11	0,750	0,750	1,000	4,500	0,835	0°	0°	
SVJBR123B	16	0,750	0,750	1,000	4,500	1,228	0°	0°	VB .. 1604 .. VB .. 33 ..
SVJBR163C	16	1,000	1,000	1,250	5,000	1,24	0°	0°	
SVJBR163D	16	1,000	1,000	1,250	6,000	1,24	0°	0°	
SVJBL082	11	0,500	0,500	0,625	3,500	0,799	0°	0°	VB .. 1103 .. VB .. 22 ..
SVJBL102	11	0,625	0,625	0,750	4,000	0,835	0°	0°	
SVJBL122B	11	0,750	0,750	1,000	4,500	0,835	0°	0°	
SVJBL123B	16	0,750	0,750	1,000	4,500	1,228	0°	0°	VB .. 1604 .. VB .. 33 ..
SVJBL163C	16	1,000	1,000	1,250	5,000	1,24	0°	0°	
SVJBL163D	16	1,000	1,000	1,250	6,000	1,24	0°	0°	

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue 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]VB .. 1103 ..
0,5–0,75VB .. 1604 ..
0,75–1Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,664 lbsFS2060 (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

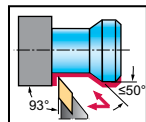
SVJB...-P

mm

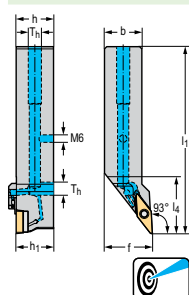
Walter Turn



– Precision cooling



Tool



Designation

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 catalogue 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

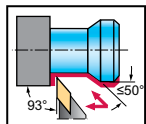
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm
	Shim	AP316-VB1608
	Screw for shim	FS2068 (SW 3,5)
	M6 threaded plug	FS2288 (SW 3)
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

Shank tool – Screw clamping

SVJB...-S-P mm

Walter Turn

- Precision cooling
- For Swiss Machining



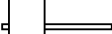
Tool

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 catalogue 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)

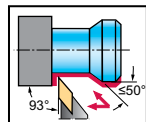
Accessories

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 mm
Walter Turn

– Precision cooling



Tool

Tool

Technical drawing of a square shank tool. The drawing shows two views: a side view and a front view. The side view shows the tool's profile with dimensions: h (total height), h1 (height of the square shank), b (width of the square shank), b1 (width of the tool body), f (flute depth), l1 (total length), and l4 (length of the square shank). The front view shows the tool's cross-section with dimensions: h (total height), h1 (height of the square shank), b (width of the square shank), b1 (width of the tool body), f (flute depth), l1 (total length), and l4 (length of the square shank). The tool has a square shank with a 93° angle. A target icon is shown at the bottom right of the drawing.

Square shank

Designation

Icon showing a cross-section of a square shank with a central hole.

h = h₁
mm

b
mm

b₁
mm

f
mm

l₁
mm

l₄
mm

γ

λ_s

Type

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°

DVJBL2020X16-P

16

20

20

4

25

125

48,5

-2°

-7°

VB .. 1604 ..

DVJBL2525X16-P

16

25

25

0

32

140

48,5

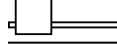
-2°

-7°

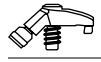
Square shank

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 catalogue 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)

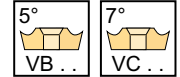
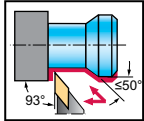
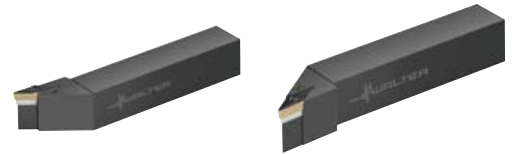
Accessories

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

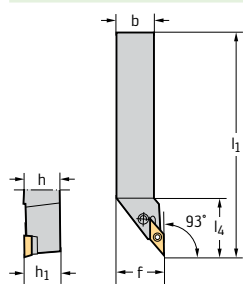
Shank tool – Lever clamping

PVJB

Walter Turn



Tool



Square shank

Designation

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	25	32	170	0°	0°	VB .. 1103 ..
PVJBL1616H11		11	16	20	100	25	0°	0°	
PVJBL2020K11		11	20	25	125	25	0°	0°	
PVJBL2525M11		11	25	32	150	32	0°	0°	VB .. 1604 ..
PVJBL1616H16		16	16	20	100	32	0°	0°	
PVJBL2020K16		16	20	25	125	34	0°	0°	
PVJBL2525M16		16	25	32	150	38	0°	0°	VB .. 1604 ..
PVJBL3225P16		16	32	25	32	170	0°	0°	

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

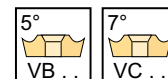
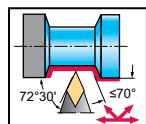
Assembly parts

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)

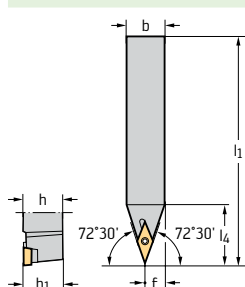
Accessories

Type	VB .. 1103 ..	VB .. 1604 ..
 Shim		AP154

Shank tool – Screw clamping

SVVB
Walter Turn


Tool



Designation

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
SVVBN1212F11		11	12	6,3	80	21,1	0°	0°	VB .. 1103 ..
SVVBN1616H11		11	16	8,3	100	21,1	0°	0°	
SVVBN2020K11		11	20	10,3	125	21,1	0°	0°	
SVVBN2525M11		11	25	12,8	150	21,1	0°	0°	
SVVBN2020K16		16	20	10,6	125	31,5	0°	0°	VB .. 1604 ..
SVVBN2525M16		16	25	13,1	150	31,5	0°	0°	
SVVBN3225P16		16	32	25	170	31,5	0°	0°	

Square shank

 Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue 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 .. 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)

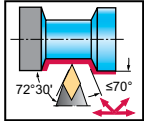
Accessories

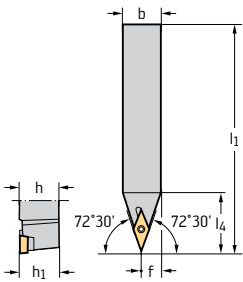
	Type	VB .. 1103 ..	VB .. 1604 ..
	Shim		AP330-VB1612

Shank tool – 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 .. VB .. 33 ..
	SVVBN163D	16	1,000	1,000	0,52	6,000	1,24	0°	0°	

Square shank

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

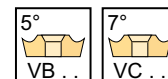
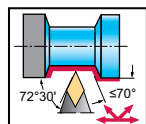
Assembly parts		Type h = h ₁ [inch]	VB .. 1604 .. 0,75–1
	Clamping screw for indexable insert Tightening torque		FS2060 (T15IP) 2,213 lbs
	Shim		AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)
	Torx key		FS1465 (T15IP)

Accessories		Type	VB .. 1604 ..
	Shim		AP330-VB1612

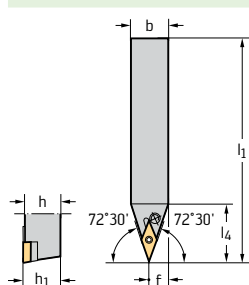
Shank tool – Lever clamping

PVVB

Walter Turn



Tool



Square shank

Designation

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
PVVBN2020K11	11	20	20	10	125	25	0°	0°	VB .. 1103 ..
PVVBN2525M11	11	25	25	12,5	150	25	0°	0°	
PVVBN2020K16	16	20	20	10	125	34	0°	0°	VB .. 1604 ..
PVVBN2525M16	16	25	25	12,5	150	34	0°	0°	
PVVBN3225P16	16	32	25	12,5	170	34	0°	0°	

Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue 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)

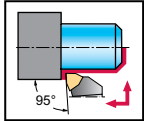
Accessories

Type	VB .. 1103 ..	VB .. 1604 ..
 Shim		AP154

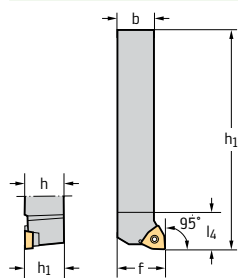
Shank tool – Screw clamping

SWLC

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SWLCR1212F04	4	12	12	16	80	11	0°	0°	WC .. 0402 ..
SWLCR1616H06	6	16	16	20	100	15	0°	0°	WC .. 06T3 ..
SWLCR2020K06	6	20	20	25	125	15	0°	0°	
SWLCR2525M06	6	25	25	32	150	17	0°	0°	
SWLCR2020K08	8	20	20	25	125	20	0°	0°	WC .. 0804 ..
SWLCR2525M08	8	25	25	32	150	21	0°	0°	
SWLCL1212F04	4	12	12	16	80	11	0°	0°	WC .. 0402 ..
SWLCL1616H06	6	16	16	20	100	15	0°	0°	WC .. 06T3 ..
SWLCL2020K06	6	20	20	25	125	15	0°	0°	
SWLCL2525M06	6	25	25	32	150	17	0°	0°	
SWLCL2020K08	8	20	20	25	125	20	0°	0°	WC .. 0804 ..
SWLCL2525M08	8	25	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 catalogue 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]WC .. 0402 ..
12WC .. 06T3 ..
16–25WC .. 0804 ..
20–25Clamping screw for indexable insert
Tightening torqueFS2067 (T7IP)
0,9 NmFS2063 (T15IP)
3 NmFS2065 (T15IP)
3 Nm

Shim

AP318-WC0608

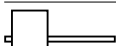
AP320-WC0812



Screw for shim

FS2068 (SW 3,5)

FS2069 (SW 4)



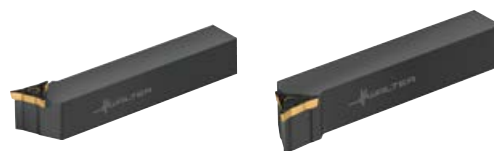
Torx key

FS1490 (T7IP)

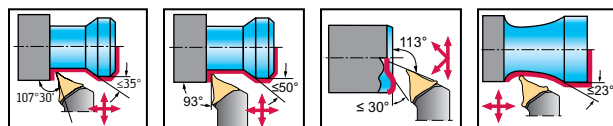
FS1465 (T15IP)

FS1496 (T15IP)

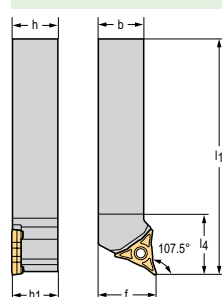
Shank tool – Copy turning system

W1011 mm
Walter Turn


– 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

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°

W1011-3232R-WL25

25

32

32

40

170

30,2

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°

W1011-3232L-WL25

25

32

32

40

170

30,2

0°

0°

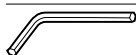
Square shank

Assembly parts

Type

WL25..


 Clamping screw for indexable insert
Tightening torque

 FS1495 (T20IP)
5 Nm


Allen key

FS1464 (T20IP)

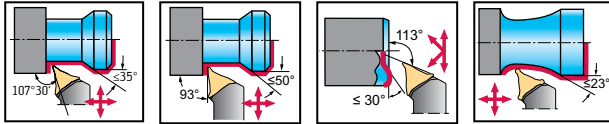
Shank tool – Copy turning system

W1011...-P mm

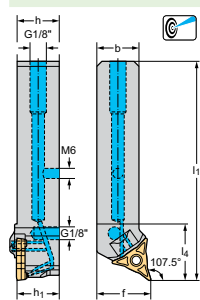
Walter Turn



- Precision cooling
- With WL form-fit system



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

W1011-2020R-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
W1011-2525R-WL17-P	17	25	25	32	125	25	0°	0°	
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..
W1011-2525L-WL17-P	17	25	25	32	125	25	0°	0°	
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°	

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)	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

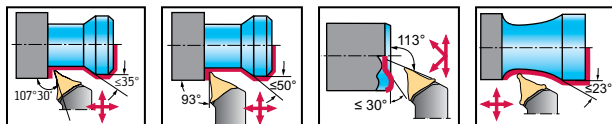
Shank tool – Copy turning system

W1011...-P inch

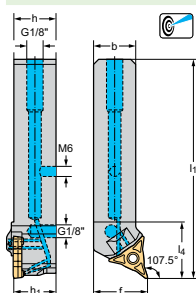
Walter Turn



- Precision cooling
- With WL form-fit system



Tool



Square shank

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°	

Assembly parts

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)

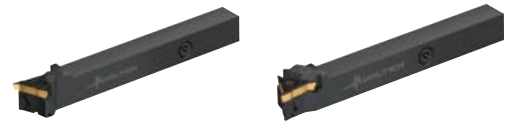
**WALTER
SELECT**

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

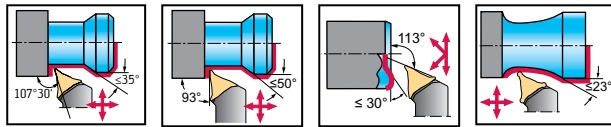
Shank tool – Copy turning system

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
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"	
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"	

Square shank

Assembly parts

Type	WL17..
 Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
 G 1/8" threaded plug	FS2258 (SW 2)
 M8X1 threaded plug	FS2587 (SW 4)
 Torx key	FS1466 (T9IP)

Accessories

Type	WL17..
 M8x1 angle connection	FS2596
 M8x1 connection element	FS2597
 Copper gasket	FS2598

WALTER
SELECT

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

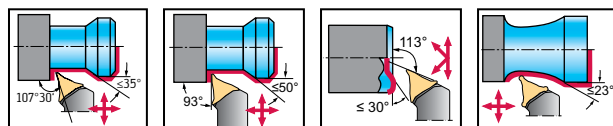
Shank tool – Copy turning system

W1011...-S-P inch

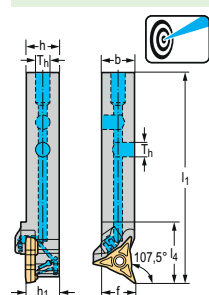
Walter Turn



- Precision cooling
- For Swiss Machining



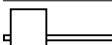
Tool



Square shank

Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	T _h	Type
W1011.08R-WL17-S-P	17	0,500	0,500	0,500	4,331	0,866	0°	0°	UNF 5/16"-24	WL17..
W1011.10R-WL17-S-P	17	0,625	0,625	0,625	4,724	0,866	0°	0°	G1/8"	
W1011.08L-WL17-S-P	17	0,500	0,500	0,500	4,331	0,866	0°	0°	UNF 5/16"-24	WL17..
W1011.10L-WL17-S-P	17	0,625	0,625	0,625	4,724	0,866	0°	0°	G1/8"	

Assembly parts

Type	WL17..
 Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1,475 lbs
 G 1/8" threaded plug	FS2258 (SW 2)
 UNF 5/16-24 threaded plug	FS2593 (SW 4)
 Torx key	FS1466 (T9IP)

Accessories

Type	WL17..
 5/16" UNF angle connection	FS2594
 5/16" UNF connection element	FS2595

**WALTER
SELECT**

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

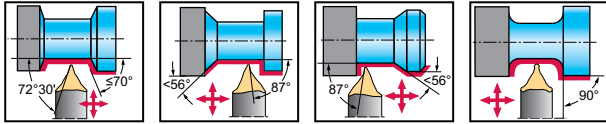
Shank tool – Copy turning system

W1010...-P

Walter Turn

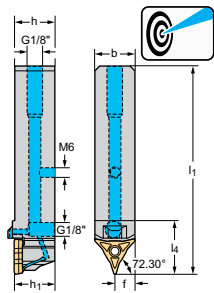


- Precision cooling
- With WL form-fit system



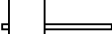
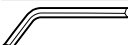
Tool

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	8,4	120	22	0°	0°	WL17..
W1010-2020N-WL25-P		25	20	10	115	33,5	0°	0°	WL25..
W1010-2525N-WL25-P		25	25	12,5	130	33,5	0°	0°	



Square shank

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)

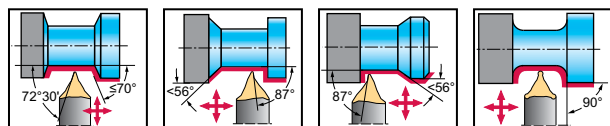
WALTER
SELECT

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

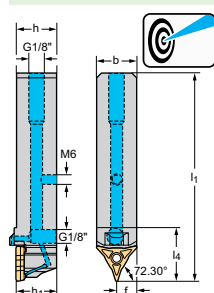
Shank tool – Copy turning system

W1010...-P inch
Walter Turn


- Precision cooling
- With WL form-fit system



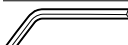
Tool



Square shank

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°	

Assembly parts

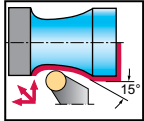
Type	WL25..
 Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3,688 lbs
 G 1/8" threaded plug	FS2258 (SW 2)
 M6 threaded plug	FS2288 (SW 3)
 Allen key	FS1464 (T20IP)

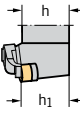
Shank tool – Rigid clamping

CRSN mm

Walter Turn

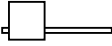
- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool	Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
 	CRSNR2525M12-ID	12	25	25	150	28	32	-6°	-6°	RNGN1207 ..
	CRSNR3225P12-ID	12	32	25	170	28	32	-6°	-6°	
	CRSNL2525M12-ID	12	25	25	150	28	32	-6°	-6°	RNGN1207 ..
	CRSNL3225P12-ID	12	32	25	170	28	32	-6°	-6°	

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RN .. 120700 | Refer to the Walter online catalogue 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 for shim		FS256 (T20)

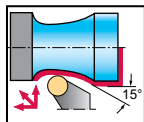
Accessories		Type	RNGN1207 ..
	Shim for RN .. 1204 ..		AP421-RN1204

Shank tool - Rigid clamping

CRSN...-P mm

Walter Turn

- Precision cooling
- For ceramic indexable inserts



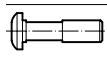
Tool

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	25	10	130	38,5	32	-6°	-6°	RNGN1207 ..
CRSNL2525X12-P	12	25	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 catalogue 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
 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

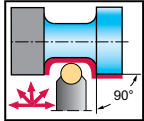
Type	RNGN1207 ..
 (standard assembly parts) Clamp set	PK268-SET
 Shim for RN .. 1204 ..	AP421-RN1204

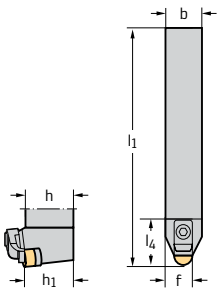
Shank tool – Rigid clamping

CRDN mm

Walter Turn

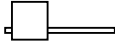
- For ceramic indexable inserts
- Claw clamping with carbide shoe



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 catalogue 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)

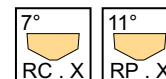
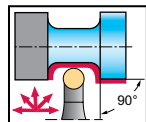
Accessories	Type	RNGN1207 ..
	Shim for RN .. 1204 ..	AP421-RN1204

Shank tool – Rigid clamping

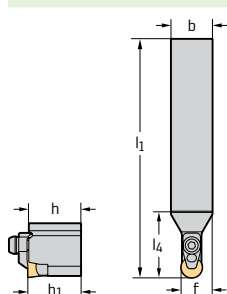
CRDC mm

Walter Turn

- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool



Square shank

Designation

CRDCN3225P09-A

CRDCN3225P12-A



$h = h_1$
mm

b
mm

f
mm

l_1
mm

l_4
mm

γ

λ_s

Type

RC . X0907 ..
RP . X0907 ..

RC . X1207 ..
RP . X1207 ..

Measured with master insert: RC .. 090700 / RC .. 120700 | Refer to the Walter online catalogue 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 ..
32

RC . X1207 ..
32



Shim

AP416-RC0907

AP417-RC1207



Clamping sleeve

RS121

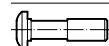
RS122



Clamp with screw

PK257-SET

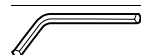
PK257-SET



Screw for clamp
Tightening torque

FS2240 (SW 4)
8 Nm

FS2240 (SW 4)
8 Nm



Allen key for clamp

ISO2936-4 (SW 4)

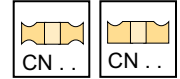
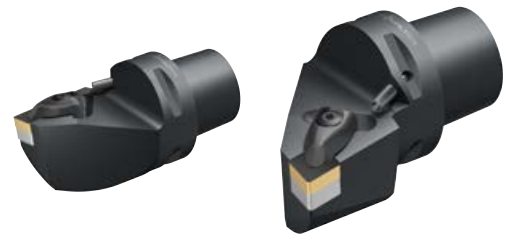
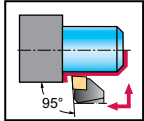
ISO2936-4 (SW 4)

Turning tools – Rigid clamping

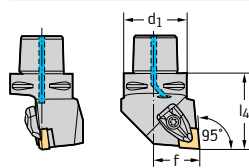
C...-DCLN mm

Walter Turn

– Walter Capto™



Tool

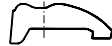


Walter Capto™ in acc. with ISO 26623

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 catalogue 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		

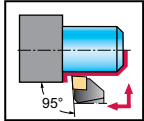
Turning tools – Rigid clamping

C...-DCLN...-P

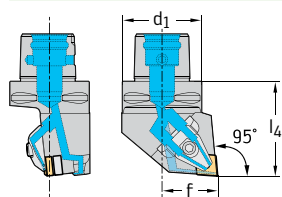
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



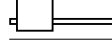
Walter Capto™ in acc. with ISO 26623

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°	
C5-DCLNL-35060-12-P	12	C5	35	60	600	600	-6°	-6°	CN .. 1204 ..
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°	
C6-DCLNL-45065-16-P	16	C6	45	65	600	600	-6°	-6°	CN .. 1606 ..
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 catalogue 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

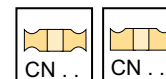
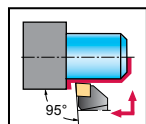
	Type	CN .. 1204 ..	CN .. 1606 ..
	(standard assembly parts) Clamp set	PK255-SET	PK267-SET

Turning tools – Lever clamping

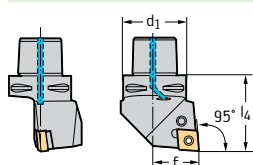
C...-PCLN mm

Walter Turn

– Walter Capto™



Tool



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-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	-6°	-6°	CN .. 1204 ..
C4-PCLNL-27050-12		12	C4	27	50	60	140	-6°	-6°	
C5-PCLNL-35060-12		12	C5	35	60	65	165	-6°	-6°	
C6-PCLNL-45065-12		12	C6	45	65	81	190	-6°	-6°	
C8-PCLNL-55080-12		12	C8	55	80	100	250	-6°	-6°	
C4-PCLNL-27050-16		16	C4	27	50	80	140	-6°	-6°	CN .. 1606 ..
C5-PCLNL-35060-16		16	C5	35	60	80	165	-6°	-6°	
C6-PCLNL-45065-16		16	C6	45	65	81	190	-6°	-6°	
C8-PCLNL-55080-16		16	C8	55	80	100	250	-6°	-6°	
C6-PCLNL-45065-19		19	C6	45	65	1	190	-6°	-6°	CN .. 1906 ..
C8-PCLNL-55080-19		19	C8	55	80	100	250	-6°	-6°	
C8-PCLNL-55080-25		25	C8	55	80	150	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 catalogue 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	

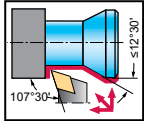
Turning tools – Rigid clamping

C...-DDHN...-P

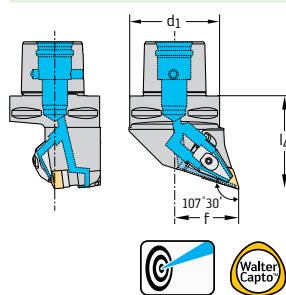
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



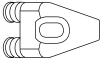
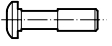
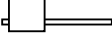
Designation

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 catalogue 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

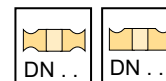
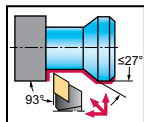
	Type	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK256-SET
	Shim for DN .. 1504 ..	AP304-DN1504

Turning tools – Rigid clamping

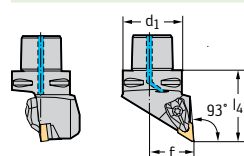
C...-DDJN mm

Walter Turn

– Walter Capto™



Tool

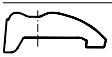
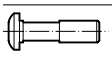
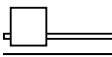


Walter Capto™ in acc. with ISO 26623

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 catalogue 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

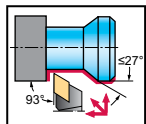
Turning tools – Rigid clamping

C...-DDJN...-P

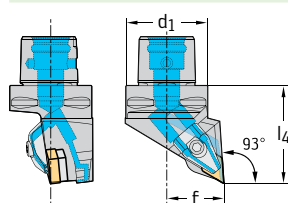
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{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°	

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 catalogue 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

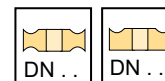
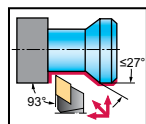
	Type	DN .. 1104 ..	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK255-SET	PK256-SET
	Shim for DN .. 1504 ..		AP304-DN1504

Turning tools – Lever clamping

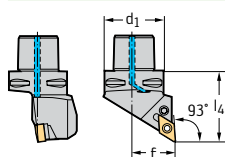
C...-PDJN mm

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation		Shims							
		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 catalogue 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
	Lever	KN119	KN119	KN103
	Clamping screw Tightening torque	FS351 (SW 2,5) 2 Nm	FS351 (SW 2,5) 2 Nm	FS355 (SW 3) 5 Nm
	Shim pin	RS101	RS101	RS102
	Tapered assembly pin	MD101	MD101	MD101
	Cooling nozzle	FS1477	FS1476	FS1477
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)

Accessories

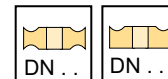
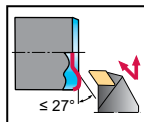
Type		DN .. 1104 ..	DN .. 1506 ..
	Shim	AP171-DN1108	AP145-DN1508
	Shim for DN .. 1504 ..		AP357-DN1508
	Shim for DN .. 1504 ..		AP357-DN1516

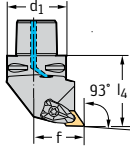
Turning tools – Rigid clamping

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°	
		C4-DDUNL-27050-15	15	C4	27	50	110	140	-6°	-7°	DN .. 1506 ..
		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

Walter Capto™ in acc. with ISO 26623

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

Assembly parts		Type	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

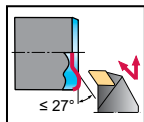
Turning tools – Rigid clamping

C...-DDUN...-P

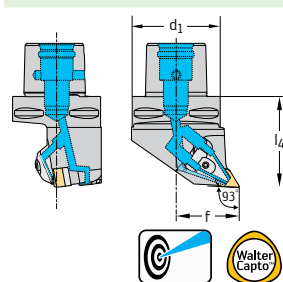
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



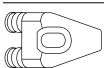
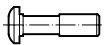
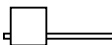
Designation

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 catalogue 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

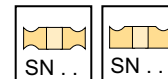
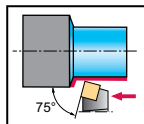
	Type	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK256-SET
	Shim for DN .. 1504 ..	AP304-DN1504

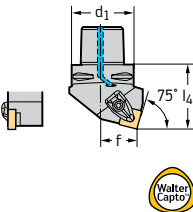
Turning tools – Rigid clamping

C...-DSRN

Walter Turn

– Walter Capto™



Tool										
	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-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 catalogue 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

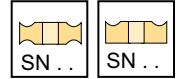
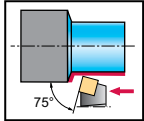
	Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..	SN .. 2507 ..
	(standard assembly parts) Clamp set	PK241-SET	PK242-SET	PK243-SET	PK301-SET
	Insert with hole Carbide clamp set	PK245-SET	PK246-SET		
	Insert with hole Carbide clamp set	PK254-SET			
	Shim for SN .. 1207 ..	AP413-SN1207			
	Shim for SN ..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

Turning tools – Lever clamping

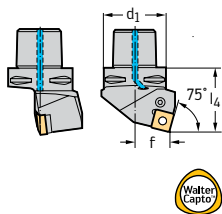
C...-PSRN

Walter Turn

– Walter Capto™



Tool



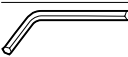
Designation

		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°	
C8-PSRNR-45080-25	25	C8	45	80			-6°	-6°	SN .. 2507 ..
C6-PSRNL-35065-19	19	C6	35	65			-6°	-6°	SN .. 1906 ..
C8-PSRNL-45080-19	19	C8	45	80			-6°	-6°	
C8-PSRNL-45080-25	25	C8	45	80			-6°	-6°	SN .. 2507 ..

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 catalogue 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 .. 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

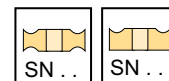
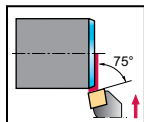
	Type	SN .. 1906 ..	SN .. 2507 ..
	Shim	AP143-SN1912	AP191-SN250924

Turning tools – Rigid clamping

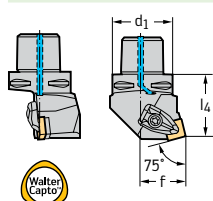
C...-DSKN mm

Walter Turn

– Walter Capto™



Tool

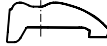


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-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 catalogue 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

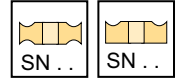
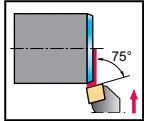
Type	SN .. 1204 ..	SN .. 1906 ..
 (standard assembly parts) Clamp set	PK241-SET	PK243-SET
 Insert without hole Carbide clamp set	PK245-SET	
 Insert without hole Carbide clamp set	PK254-SET	
 Shim for SN .. 1207 ..	AP413-SN1207	

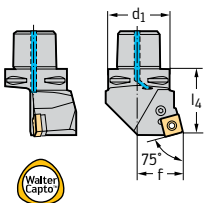
Turning tools – Lever clamping

C...-PSKN

Walter Turn

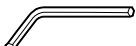
– Walter Capto™



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type	SN .. 1506 .. C6	SN .. 1906 .. C6	SN .. 1906 .. C8
	Shim		AP142-SN1524	AP143-SN1924	AP143-SN1924
	Lever		KN104	KN106	KN106
	Clamping screw		FS354 (SW 3)	FS356 (SW 4)	FS356 (SW 4)
	Tightening torque		5 Nm	10 Nm	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)

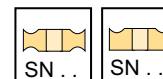
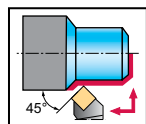
Accessories			Type	SN .. 1506 ..	SN .. 1906 ..
	Shim			AP142-SN1516	AP143-SN1912

Turning tools – Rigid clamping

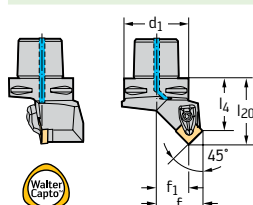
C...-DSSN mm

Walter Turn

– Walter Capto™



Tool

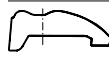
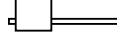


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	f ₁ mm	l ₄ mm	l ₂₀ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type	
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 catalogue 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	SN .. 1204 .. C6	SN .. 1506 .. C4	SN .. 1506 .. C5	SN .. 1506 .. C6	SN .. 1906 .. 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

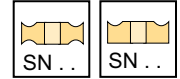
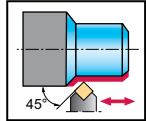
Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
 (standard assembly parts) Clamp set	PK241-SET	PK242-SET	PK243-SET
 Insert with hole Carbide clamp set	PK245-SET	PK246-SET	
 Insert with hole Carbide clamp set	PK254-SET		
 Shim for SN .. 1207 ..	AP413-SN1207		

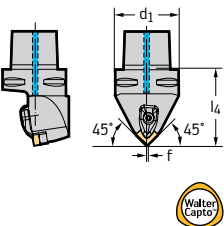
Turning tools – Rigid clamping

C...-DSDN

Walter Turn

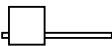
– Walter Capto™



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

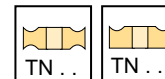
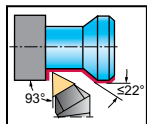
Accessories		Type	SN .. 1204 ..	SN .. 1906 ..	SN .. 2507 ..
	(standard assembly parts) Clamp set		PK241-SET	PK243-SET	PK301-SET
	Insert without hole Carbide clamp set		PK245-SET		
	Insert without hole Carbide clamp set		PK254-SET		
	Shim for SN .. 1207 ..		AP413-SN1207		
	Shim for SN .. 2509 ..				AP351-SN2509

Turning tools – Wedge clamping

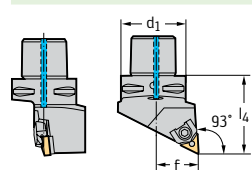
C...-MTJN mm

Walter Turn

– Walter Capto™



Tool

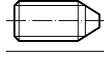


Walter Capto™ in acc. with ISO 26623

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°	TN .. 1604 ..
C4-MTJNL-27050-16		16	C4	27	50		-6°	-6°	
C5-MTJNL-35060-16		16	C5	35	60		-6°	-6°	TN .. 2204 ..
C4-MTJNL-27050-22		22	C4	27	50		-6°	-6°	
C5-MTJNL-35060-22		22	C5	35	60		-6°	-6°	TN .. 2204 ..
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 catalogue 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	AP148
	Pin	RS106	RS106	RS107	RS107
	Clamping wedge set	FK303	FK303	FK304	FK304
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	Clamping screw Tightening torque	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm
	Cooling nozzle		FS1476	FS1477	FS1476
	Cooling nozzle	FS1018			

Accessories

Type	TN .. 1604 ..	TN .. 2204 ..
	Shim	AP149

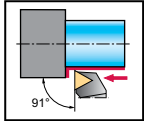
Turning tools – Rigid clamping

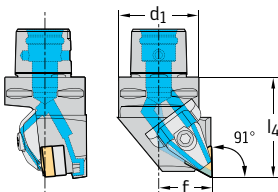
C...-DTGN...-P

mm

Walter Turn

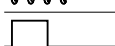
- Precision cooling
- Walter Capto™



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		
Type		TN .. 1604 ..
d_1		C4
	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)

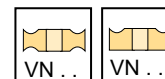
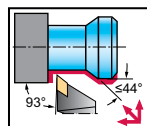
Accessories		
Type		TN .. 1604 ..
	(standard assembly parts) Clamp set	PK255-SET

Turning tools – Rigid clamping

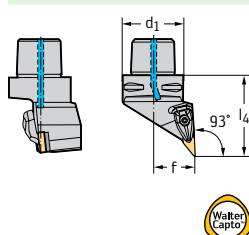
C...-DVJN mm

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 catalogue 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

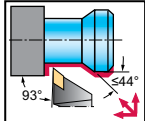
Turning tools - Rigid clamping

C...-DVJN...-P

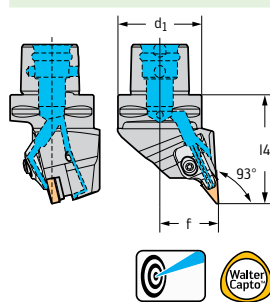
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



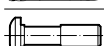
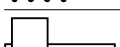
Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-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 catalogue 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)

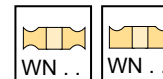
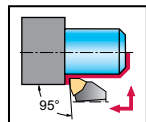
Accessories

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

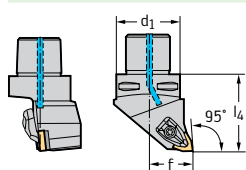
Turning tools – Rigid clamping

C...-DWLN mm
Walter Turn

– Walter Capto™



Tool

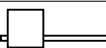


Walter Capto™ in acc. with ISO 26623

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	-6°	-6°	WN .. 0604 ..
C4-DWLN-27050-08		8	C4	27	50	110	-6°	-6°	WN .. 0804 ..
C5-DWLN-35060-08		8	C5	35	60	110	-6°	-6°	
C6-DWLN-45065-08		8	C6	45	65	110	-6°	-6°	WN .. 1006 ..
C5-DWLN-35060-10		10	C5	35	60	115	-6°	-6°	
C6-DWLN-45065-10		10	C6	45	65	115	-6°	-6°	WN .. 0604 ..
C4-DWLN-27050-06		6	C4	27	50	60	-6°	-6°	
C4-DWLN-27050-08		8	C4	27	50	110	-6°	-6°	WN .. 0804 ..
C5-DWLN-35060-08		8	C5	35	60	110	-6°	-6°	
C6-DWLN-45065-08		8	C6	45	65	110	-6°	-6°	WN .. 1006 ..
C5-DWLN-35060-10		10	C5	35	60	115	-6°	-6°	
C6-DWLN-45065-10		10	C6	45	65	115	-6°	-6°	

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

Assembly parts

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	

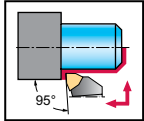
Turning tools – Rigid clamping

C...-DWLN...-P

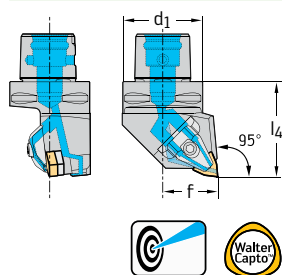
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



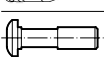
Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-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 catalogue 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

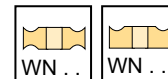
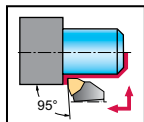
	Type	WN .. 0804 ..
	(standard assembly parts) Clamp set	PK255-SET

Turning tools – Lever clamping

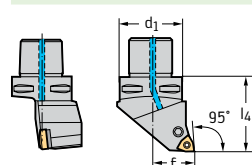
C...-PWLN

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-PWLN-22040-06		6	C3	22	40	60	116	-6°	-6°	WN .. 0604
C4-PWLN-27050-06		6	C4	27	50	60	140	-6°	-6°	WN .. 0804 ..
C4-PWLN-27050-08		8	C4	27	50	60	140	-6°	-6°	
C5-PWLN-35060-08		8	C5	35	60	65	165	-6°	-6°	
C6-PWLN-45065-08		8	C6	45	65	81	190	-6°	-6°	WN .. 1006 ..
C5-PWLN-35060-10		10	C5	35	60	80	165	-6°	-6°	
C6-PWLN-45065-10		10	C6	45	65	81	190	-6°	-6°	
C3-PWLN-22040-06		6	C3	22	40	60	116	-6°	-6°	WN .. 0604 ..
C4-PWLN-27050-06		6	C4	27	50	60	140	-6°	-6°	WN .. 0804 ..
C4-PWLN-27050-08		8	C4	27	50	60	140	-6°	-6°	
C5-PWLN-35060-08		8	C5	35	60	65	165	-6°	-6°	
C6-PWLN-45065-08		8	C6	45	65	81	190	-6°	-6°	WN .. 1006 ..
C5-PWLN-35060-10		10	C5	35	60	80	165	-6°	-6°	
C6-PWLN-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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	d ₁	C3–C4	C4	C5–C6	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

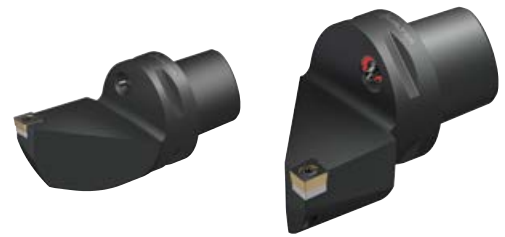
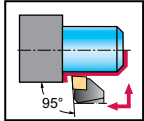
Type	WN .. 0604 ..–WN .. 1006 ..	WN .. 0804 ..
	Shim	AP170-WN0808

Turning tools – Screw clamping

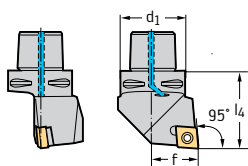
C...-SCLC mm

Walter Turn

– Walter Capto™



Tool

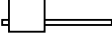


Walter Capto™ in acc. with ISO 26623

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°	
C4-SCLCR-27050-12	12	C4	27	50	125	140	0°	0°	CC .. 1204 ..
C5-SCLCR-35060-12	12	C5	35	60	125	165	0°	0°	
C6-SCLCR-45065-12	12	C6	45	65	125	190	0°	0°	
C3-SCLCL-22040-09	9	C3	22	40	130	116	0°	0°	CC .. 09T3 ..
C4-SCLCL-27050-09	9	C4	27	50	130	140	0°	0°	
C5-SCLCL-35060-09	9	C5	35	60	130	165	0°	0°	
C6-SCLCL-45065-09	9	C6	45	65	130	190	0°	0°	
C4-SCLCL-27050-12	12	C4	27	50	125	140	0°	0°	CC .. 1204 ..
C5-SCLCL-35060-12	12	C5	35	60	125	165	0°	0°	
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 catalogue 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

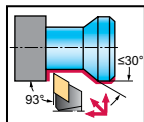
Turning tools - Rigid clamping

C...-DDJC...-P

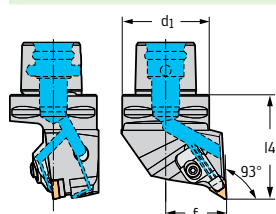
mm

Walter Turn

- Precision cooling
- Walter Capto™



Tool



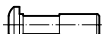
Designation

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 catalogue 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

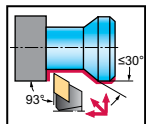
	Type	DC .. 11T3 ..
	(standard assembly parts) Right clamp set	PK261R-SET
	(standard assembly parts) Left clamp set	PK261L-SET

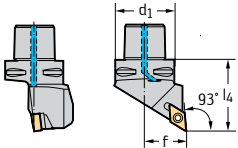
Turning tools – Screw clamping

C...-SDJC mm

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		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°	DC .. 11T3 ..
		C3-SDJCR-22040-11	11	C3	22	40	140	116	0°	0°	
		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°	DC .. 11T3 ..
		C3-SDJCL-22040-11	11	C3	22	40	140	116	0°	0°	
		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 catalogue 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

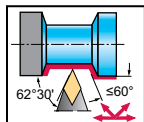
Accessories			Type	DC .. 0702 ..	DC .. 11T3 ..
	Shim				AP329-DC1112

Turning tools – Screw clamping

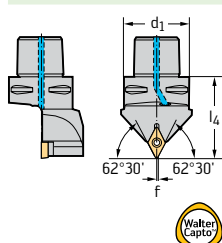
C...-SDNC

Walter Turn

– Walter Capto™



Tool



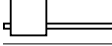
Designation

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

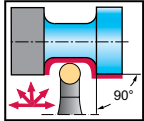
	Type d ₁	DC .. 11T3 .. C3–C4	DC .. 11T3 .. C5
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim	AP315-DC1108	AP315-DC1108
	Screw for shim	FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)
	Cooling nozzle	FS1477	FS1476

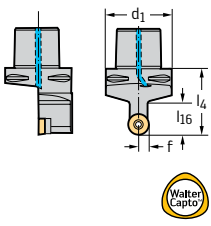
Turning tools – Screw clamping

C...-SRDC

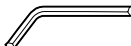
Walter Turn

– 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		140	0°	0°	RC .. T0602M0 ..	
	C5-SRDCN-00060-06	6	C5	3	60		165	0°	0°		
	C3-SRDCN-00040-08	8	C3	4	40		116	0°	0°	RC .. T0803M0 ..	
	C4-SRDCN-00050-08	8	C4	4	50		140	0°	0°		
	C5-SRDCN-00060-08	8	C5	4	60		165	0°	0°		
	C4-SRDCN-00050-10	10	C4	5	50		140	0°	0°	RC .. T10T3M0 ..	
	C5-SRDCN-00060-10	10	C5	5	60		165	0°	0°		
	C6-SRDCN-00065-10	10	C6	5	65		190	0°	0°		
	C4-SRDCN-00050-12	12	C4	6	50		140	0°	0°	RC .. T1204M0 ..	
	C5-SRDCN-00060-12	12	C5	6	60		165	0°	0°		
	C6-SRDCN-00065-12	12	C6	6	65		190	0°	0°		
	C5-SRDCN-00060-16	16	C5	8	60		165	0°	0°	RC .. T1606M0 ..	
	C6-SRDCN-00065-16	16	C6	8	65		190	0°	0°		

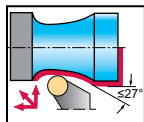
Measured with master insert: RC .. 0803M0 / RC .. 0602M0 / RC .. 10T3M0 / RC .. 1204M0 / RC .. 1606M0 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type d_1	RC .. T0602M0 .. C4	RC .. T0602M0 .. C5	RC .. T0803M0 .. C3-C4	RC .. T0803M0 .. C5	RC .. T10T3M0 .. C4	RC .. T10T3M0 .. C5-C6	RC .. T1204M0 .. C4	RC .. T1204M0 .. C5-C6	RC .. T1606M0 .. 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

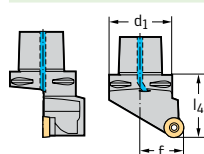
Turning tools – Screw clamping

C...-SRSC mm
Walter Turn

– Walter Capto™



Tool

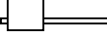


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type	
C4-SRSCR-27050-10		10	C4	27	50	150	140	0°	0°	RC . T10T3M0 .
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 . T1204M0 .
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-SRSCL-27050-10		10	C4	27	50	150	140	0°	0°	RC . T10T3M0 .
C6-SRSCL-45065-10		10	C6	45	65	150	190	0°	0°	
C4-SRSCL-27050-12		12	C4	27	50	150	140	0°	0°	RC . T1204M0 .
C5-SRSCL-35060-12		12	C5	35	60	150	165	0°	0°	
C6-SRSCL-45065-12		12	C6	45	65	150	190	0°	0°	RC . T1606M0 .
C6-SRSCL-45065-16		16	C6	45	65	175	190	0°	0°	

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

Assembly parts

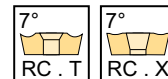
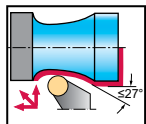
Assembly parts	Type d ₁	RC . T10T3M0 .. C4	RC . T10T3M0 .. C6	RC . T1204M0 .. C4	RC . T1204M0 .. C5–C6	RC . T1606M0 .. C6
	Clamping screw for indexable insert Tightening torque	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm
	Shim	AP324-RC10T3	AP324-RC10T3	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	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key					FS1464 (T20IP)
	Cooling nozzle	FS1477	FS1476	FS1477	FS1476	FS1476

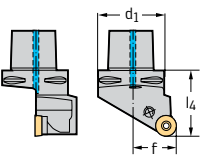
Turning tools – Lever clamping

C...-PRSC mm

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	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-PRSCL-35060-16	16	C5	35	60			0°	0°	RC.. T1605M0 ..
	C5-PRSCL-35060-20	20	C5	35	60			0°	0°	RC.. T2006M0 ..
	C6-PRSCL-45065-20	20	C6	45	65			0°	0°	
	C8-PRSCL-55080-20	20	C8	55	80	150	250	0°	0°	
	C6-PRSCL-45065-25	25	C6	45	65	200	190	0°	0°	RC.. T2507M0 ..
	C8-PRSCL-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 catalogue 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	

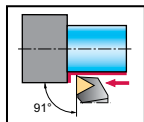
Turning tools – Screw clamping

C...-STGC

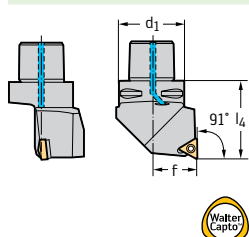
mm

Walter Turn

– Walter Capto™



Tool



Designation

d₁f
mml₄
mmD_{min}
mmD_{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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
d₁TC .. 1102 ..
C4TC .. 16T3 ..
C4TC .. 16T3 ..
C5Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2060 (T15IP)
3 NmFS2060 (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

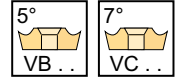
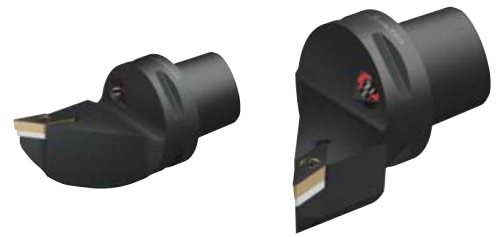
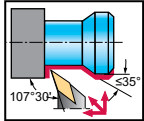
FS1476

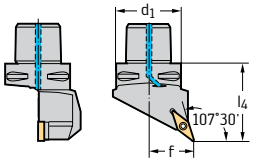
Turning tools – Screw clamping

C...-SVHB mm

Walter Turn

– Walter Capto™



Tool										
	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°	VB .. 1604 ..
	C4-SVHBR-27050-16	16	C4	27	50	95	140	0°	0°	
	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°	

Walter Capto™ in acc. with ISO 26623

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

Assembly parts		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		VB .. 1103 ..	VB .. 1604 ..
	Shim		AP330-VB1612

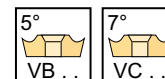
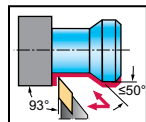
Turning tools – Screw clamping

C...-SVJB

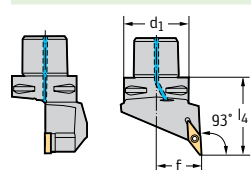
mm

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation

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 catalogue 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

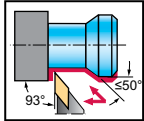
Turning tools – Rigid clamping

C...-DVJB...-P

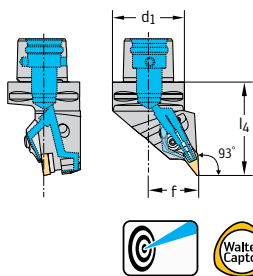
mm

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-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 catalogue 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

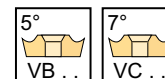
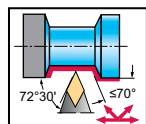
	Type	VB .. 1604 ..
	(standard assembly parts) Right clamp set	PK261R-SET
	(standard assembly parts) Left clamp set	PK261L-SET

Turning tools – Screw clamping

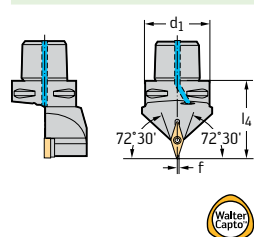
C...-SVVB mm

Walter Turn

– Walter Capto™



Tool



Designation

		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
C4-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 catalogue 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 .. 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 – Copy turning system

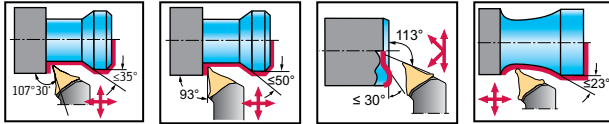
W1011-C...-P

mm

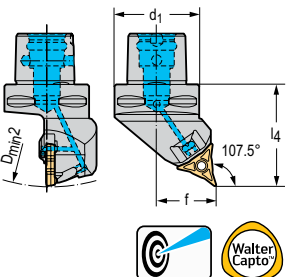
Walter Turn



- Precision cooling
- Walter Capto™



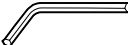
Tool

Tool										
Designation		d_1	D_{min} mm	f mm	l_4 mm	D_{min2} mm	γ	λ_s	Type	
	W1011-C3R-WL17-P	17	C3	120	22	40	120	0°	0°	WL17..
	W1011-C4R-WL17-P	17	C4	200	27	50	200	0°	0°	
	W1011-C4R-WL25-P	25	C4	200	27	50	200	0°	0°	WL25..
	W1011-C5R-WL25-P	25	C5	200	35	60	200	0°	0°	
	W1011-C6R-WL25-P	25	C6	200	45	65	200	0°	0°	
	W1011-C3L-WL17-P	17	C3	120	22	40	120	0°	0°	WL17..
	W1011-C4L-WL17-P	17	C4	200	27	50	200	0°	0°	
	W1011-C4L-WL25-P	25	C4	200	27	50	200	0°	0°	WL25..
	W1011-C5L-WL25-P	25	C5	200	35	60	200	0°	0°	
	W1011-C6L-WL25-P	25	C6	200	45	65	200	0°	0°	

Walter Capto™ in acc. with ISO 26623

Walter Capto™ in acc. with ISO 26623

Assembly parts

Type	WL17..	WL25..
 Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm	FS1495 (T20IP) 5 Nm
 Allen key		FS1464 (T20IP)
 Torx key	FS1466 (T9IP)	

**WALTER
SELECT**

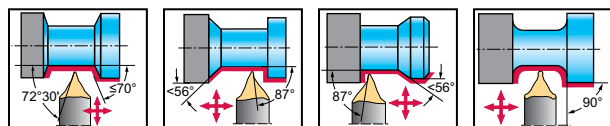
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Turning tools – Copy turning system

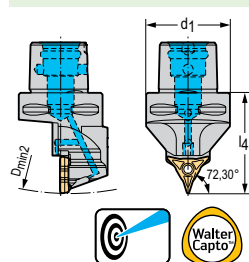
W1010-C...-P

Walter Turn


- Precision cooling
- Walter Capto™



Tool


Designation

W1010-C4N-WL25-P

W1010-C5N-WL25-P

W1010-C6N-WL25-P

d₁l₄

mm

f

mm

D_{min2}

mm

γ

λ_s

Type

WL25..

Walter Capto™ in acc. with ISO 26623

Assembly parts


Type

Clamping screw for indexable insert
Tightening torque

WL25..

FS1495 (T20IP)
5 Nm


Allen key

FS1464 (T20IP)

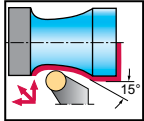
Turning tools - Rigid clamping

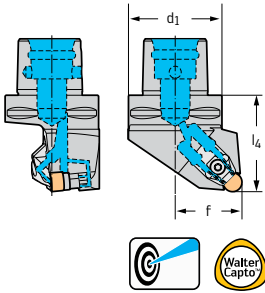
C...-CRSN...-P

mm

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 catalogue 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	C6	
	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
	Allen key	FS1464 (T20IP)

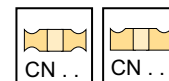
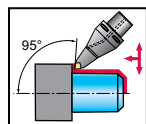
Accessories		
Type	RNGN1207 ..	
	(standard assembly parts) Clamp set	PK268-SET
	Shim for RN .. 1204 ..	AP421-RN1204

45° turning tools – Rigid clamping

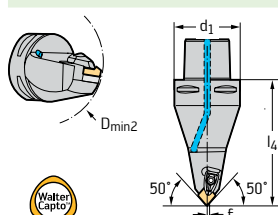
C...-DCMN mm

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centres



Tool



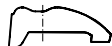
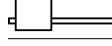
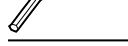
Designation

Designation	d ₁	C	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C5-DCMNN-00105-12	12	C5	0	105		110	-6°	-6°	CN .. 1204 ..
C6-DCMNN-00090-12	12	C6	0	90		110	-6°	-6°	
C6-DCMNN-00115-12	12	C6	0	115		110	-6°	-6°	
C6-DCMNN-00090-16	16	C6	1	90		110	-6°	-6°	CN .. 1606 ..
C8-DCMNN-00150-16	16	C8	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 catalogue 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

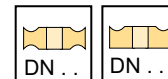
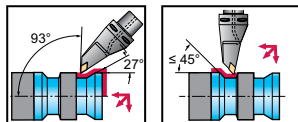
	Type	CN .. 1204 ..	CN .. 1606 ..
	(standard assembly parts) Clamp set	PK241-SET	PK242-SET
	Insert with hole Carbide clamp set	PK245-SET	PK246-SET
	Insert with hole Carbide clamp set	PK254-SET	
	Shim for CN .. 1207 ..	AP411-CN1207	

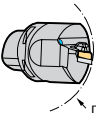
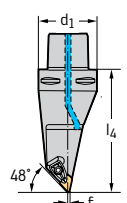
45° turning tools – Rigid clamping

C...-DDMN mm

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centres



Tool		Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
 		C5-DDMNL-00115-15		15	1	115		110	-5°	-6°	DN .. 1506 ..
		C6-DDMNL-00130-15		15	1	130		110	-5°	-6°	
		C6-DDMNL-33120-15		15	33	120		130	-5°	-6°	
		C8-DDMNL-00160-15		15	1	160		120	-5°	-6°	

Walter Capto™ in acc. with ISO 26623

Measured with master insert: DN .. 150608 | Refer to the Walter online catalogue 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)

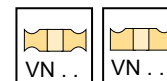
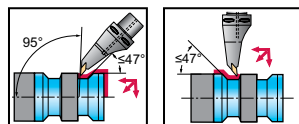
Accessories		Type	DN .. 1506 ..
	(standard assembly parts) Clamp set		PK241-SET
	Insert without hole Carbide clamp set		PK245-SET
	Insert without hole Carbide clamp set		PK254-SET
	Shim for DN .. 1504 ..		AP304-DN1504
	Shim for DN .. 1507 ..		AP412-DN1507

45° turning tools – Rigid clamping

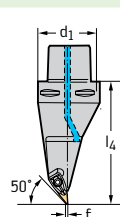
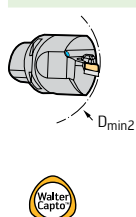
C...-DVMN mm

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centres



Tool



Designation

C8-DVMNL-00160-16

d₁f
mml₄
mmD_{min}
mmD_{min2}
mm

γ

λ_s

Type

VN .. 1604 ..

Walter Capto™ in acc. with ISO 26623

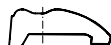
Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
d₁VN .. 1604 ..
C8

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



Cooling nozzle

FS1479



Torx key

FS1465 (T15IP)

Accessories

Type

VN .. 1604 ..

(standard assembly parts)
Clamp set

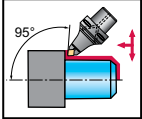
PK244-SET

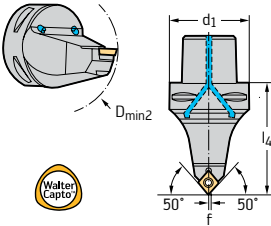
45° turning tools – Screw clamping

C...-SCMC

Walter Turn

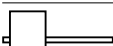
- Walter Capto™
- Toolholders for turning and milling centres



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 ..	

Walter Capto™ in acc. with ISO 26623

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

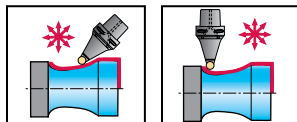
Assembly parts		Type	CC ... 1204 ..
		d_1	C6
	Clamping screw for indexable insert Tightening torque		FS2065 (T15IP) 3 Nm
	Shim		AP319-SC1212
	Screw for shim		FS2069 (SW 4)
	Torx key		FS1496 (T15IP)

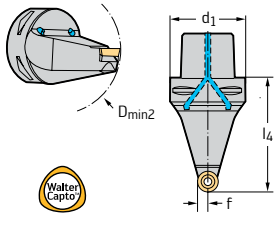
45° turning tools – Screw clamping

C...-SRDC

Walter Turn

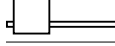
- Walter Capto™
- Toolholders for turning and milling centres



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 .. T10T3M0 / RC .. T1606M0 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

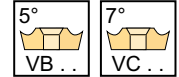
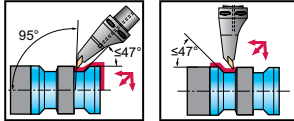
Assembly parts			
	Type d ₁	RC . T10T3M0 .. C6	RC . T1606M0 .. C6
	Clamping screw for indexable insert Tightening torque	FS2063 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm
	Shim	AP324-RC10T3	AP326-RC1606
	Screw for shim	FS2068 (SW 3,5)	FS2091 (SW 5)
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)

45° turning tools – Screw clamping

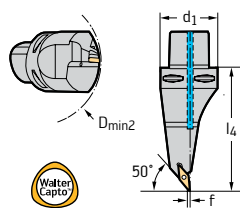
C...-SVMB mm

Walter Turn

- Walter Capto™
- Toolholders for turning and milling centres



Tool



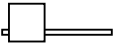
Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C5-SVMBL-00115-16	16	C5	1	115		110	0°	0°	VB .. 1604 ..
C6-SVMBL-00130-16	16	C6	1	130		110	0°	0°	
C6-SVMBL-33120-16	16	C6	33	120		110	0°	0°	

Walter Capto™ in acc. with ISO 26623

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

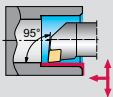
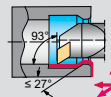
Assembly parts

	Type d ₁	VB .. 1604 .. 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	Internal	Internal	Internal	Internal
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
Page in catalogue	276	278	279	282

QR code



A-DCLN



A-PCLN

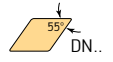
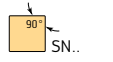
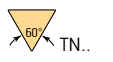
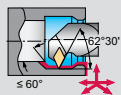
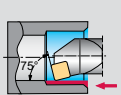
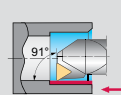


A-DDUN



A-PDUN

www.walter-tools.com/woc/

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	Internal	Internal	Internal	Internal
Boring bar Ø d ₁ [mm]	32–40	25–40	25–32	25–50
Boring bar Ø d ₁ [inch]				0,750–1,500
Insert size l [mm]	11–15	12–15	12	16–22
Page in catalogue	281	283	284	285

QR code



A-DDXN



A-DSKN



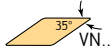
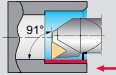
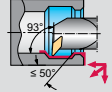
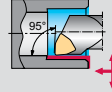
A-PSKN



A-DTFN

www.walter-tools.com/woc/

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	Internal	Internal	Internal	Internal
Boring bar $\varnothing d_1$ [mm]	16–32	40	25–50	20–32
Boring bar $\varnothing d_1$ [inch]		1,250–1,500	1,000–2,000	
Insert size l [mm]	11–16	16	6–10	6–8
Page in catalogue	287	288	290	292

QR code


www.walter-tools.com/woc/

A-PTFN

A-DVUN

A-DWLN

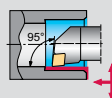
A-PWLN

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	Internal	Internal	Internal	Internal
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
Page in catalogue	293	294	295	295

QR code


www.walter-tools.com/woc/

A-SCLC

A-SCLC-R

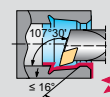
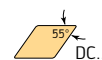
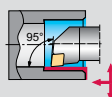
E-SCLC

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	Internal	Internal	Internal	Internal
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
Page in catalogue	298	298	300	301

QR code


www.walter-tools.com/woc/

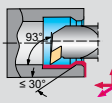
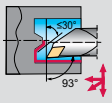
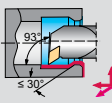
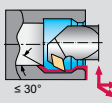
A-SCLP-E-SCLP

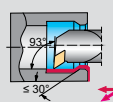
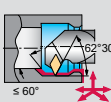
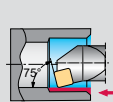
E-SCLP

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	Internal	Internal	Internal	Internal
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
Page in catalogue	303	309	302	305
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

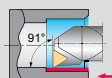
Type				
Machining				
				
Designation	E...-SDUC	E...-SDUC...-R	A...-SDXC...	A...-SSKC
Approach angle	93°	93°	62,5°	75°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d ₁ [mm]		10–25	12–25	16–25
Boring bar Ø d ₁ [inch]	0,375–1,000			
Insert size l [mm]	7–11	7–11	7–11	9–12
Page in catalogue	306	303	310	311
QR code				
www.walter-tools.com/woc/	E-SDUC	E-SDUC-R	A-SDXC	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	Internal	Internal	Internal	Internal
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
Page in catalogue	312	313	316	314

QR code


www.walter-tools.com/woc/

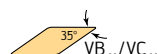
A-STFC

A-STFC-R

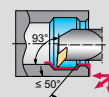
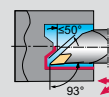
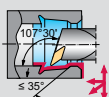
E-STFC

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	Internal	Internal	Internal	Internal
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
Page in catalogue	317	318	319	320

QR code


www.walter-tools.com/woc/

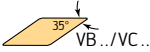
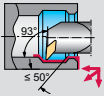
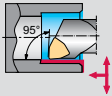
A-SVQB

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	Internal	Internal	Internal
Boring bar Ø d ₁ [mm]	16–20		10–25
Boring bar Ø d ₁ [inch]		0,375–0,500	0,375–1,000
Insert size l [mm]	11	4	4–8
Page in catalogue	321	324	323

QR code


www.walter-tools.com/woc/

A-SVUB-R

E-SWLC

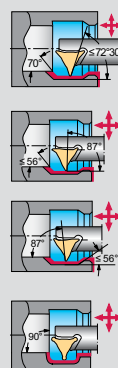
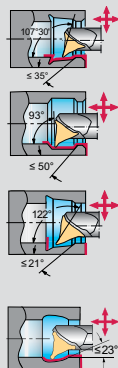
A-SWLC

Boring bars – WL Copy turning system

Type



Machining



Designation	W1211	W1210
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	Internal	Internal
Boring bar Ø d ₁ [mm]	12–40	12–40
Boring bar Ø d ₁ [inch]	0,500–1,250	
Insert size l [mm]	17–25	17–25
Page in catalogue	326	330

QR code


www.walter-tools.com/woc/

W1211

W1210

Boring bar adaptor

Type

Machining



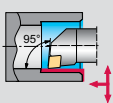
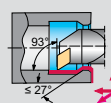
Designation	A2140-W
Approach angle	
Clamping system	
Coolant supply	Internal
Shank size h [mm]	14,2–38,5
Shank size h [Inch]	
Insert size l [mm]	
Page in catalogue	332

QR code



www.walter-tools.com/woc/	A2140-W
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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	Internal	Internal	Internal
Walter Capto™ size	C4–C6	C3–C6	C4–C6	C3–C6
Boring bar Ø d ₂ [mm]	25–40	25–50	25–40	25–50
Insert size l [mm]	12–16	12–16	11–15	11–15
Page in catalogue	333	334	336	337

QR code



C-DCLN



C-PCLN

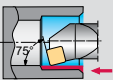
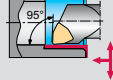


C-DDUN



C-PDUN

www.walter-tools.com/woc/

Type		
Machining		



Designation	C...-PSKN	C...-DWLN	C...-PWLN
Approach angle	75°	95°	95°
Clamping system	Lever-type	Claw	Lever-type
Coolant supply	Internal	Internal	Internal
Walter Capto™ size	C5–C6	C4–C6	C3–C6
Boring bar Ø d ₂ [mm]	40–50	20–40	20–50
Insert size l [mm]	12–15	6–10	6–8
Page in catalogue	339	340	341

QR code



C-PSKN



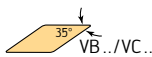
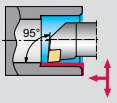
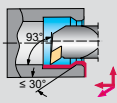
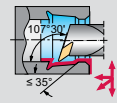
C-DWLN



C-PWLN

www.walter-tools.com/woc/

Walter Capto™ boring bars – Positive basic shape

Type			
Machining			



Designation	C...-SCLC	C...-SDUC	C...-SVQB
Approach angle	95°	93°	107,5°
Clamping system	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal
Walter Capto™ size	C3–C5	C3–C5	C3–C6
Boring bar Ø d ₂ [mm]	16–40	16–40	16–50
Insert size l [mm]	9–12	7–11	11–16
Page in catalogue	342	343	344

QR code


www.walter-tools.com/woc/

C-SCLC

C-SDUC

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 catalogue	345	347	349	350
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 catalogue	351	352
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 catalogue	353
QR code	
www.walter-tools.com/woc/	A2100

Intermediate adaptors – QuadFit Large

Type

Machining



Designation

A2201

Approach angle

Clamping system

Coolant supply

Internal

Shank size h [mm]

QL100–QL80

Shank size h [Inch]

QL64–QL76

Insert size l [mm]

Page in catalogue

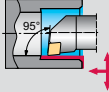
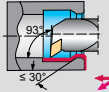
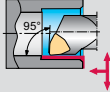
354

QR code

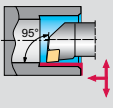
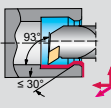
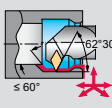
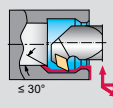

www.walter-tools.com/woc/

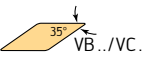
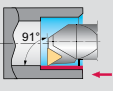
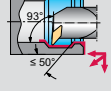
A2201

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	Internal	Internal	Internal
QuadFit size	Q32–Q50	Q32–Q50	Q32–Q50
Insert size l [mm]	12–16	11–15	6–8
Page in catalogue	356	357	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	Internal	Internal	Internal	Internal
QuadFit size	Q25–Q50	Q25–Q50	Q25–Q50	Q25–Q50
Insert size l [mm]	9–12	11	11	11
Page in catalogue	359	360	362	361
QR code				
	www.walter-tools.com/woc/	Q-SCLC	Q-SDUC	Q-SDXC
				Q-SDUC-X

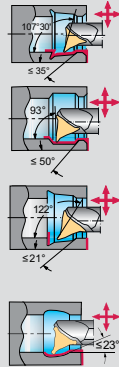
Type		
Machining		
		
Designation	Q...-STFC	Q...-SVUB
Approach angle	91°	93°
Clamping system	Screw	Screw
Coolant supply	Internal	Internal
QuadFit size	Q25–Q50	Q25–Q50
Insert size l [mm]	11–16	11–16
Page in catalogue	363	364
QR code		
	www.walter-tools.com/woc/	Q-STFC
		Q-SVUB

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 catalogue	365

QR code


www.walter-tools.com/woc/

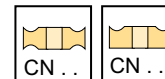
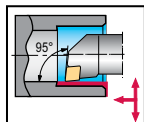
W1211-Q

Boring bar – Rigid clamping

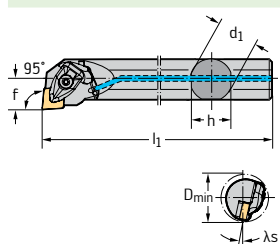
A...-DCLN mm

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

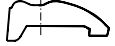
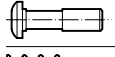
λ_s

Type

A25T-DCLNR12	12	32	25	17	23	300	-6°	-12°	CN .. 1204 ..
A32T-DCLNR12	12	40	32	22	30	300	-6°	-10°	
A40T-DCLNR12	12	50	40	27	37	300	-6°	-15°	
A40T-DCLNR16	16	50	40	27	37	300	-6°	-16°	CN .. 1606 ..
A50U-DCLNR16	16	63	50	35	47	350	-6°	-13°	
A25T-DCLNL12	12	32	25	17	23	300	-6°	-12°	CN .. 1204 ..
A32T-DCLNL12	12	40	32	22	30	300	-6°	-10°	
A40T-DCLNL12	12	50	40	27	37	300	-6°	-15°	
A40T-DCLNL16	16	50	40	27	37	300	-6°	-16°	CN .. 1606 ..
A50U-DCLNL16	16	63	50	35	47	350	-6°	-13°	

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online catalogue 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

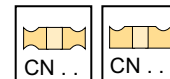
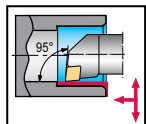
	Type	CN .. 1204 ..	CN .. 1606 ..
	(standard assembly parts) Clamp set	PK241-SET	PK242-SET
	Insert with hole Carbide clamp set	PK245-SET	PK246-SET
	Insert with hole Carbide clamp set	PK254-SET	

Boring bar – Rigid clamping

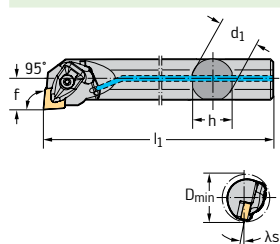
A...-DCLN **inch**

Walter Turn

– A = Steel version with internal cooling



Tool



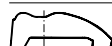
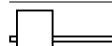
Parallel shank with clamping surface

Designation

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	-6°	-14°	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 catalogue 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 .. 1	CN .. 1204 .. 1,28–1,76	CN .. 1606 .. 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)

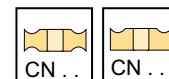
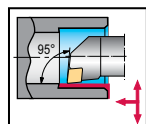
Accessories

Type	CN .. 0903 ..	CN .. 1204 ..	CN .. 1606 ..
 (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	

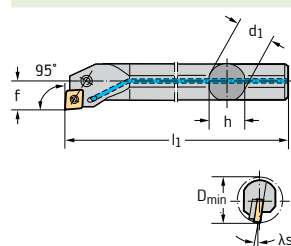
Boring bar – Lever clamping

A...-PCLN mm
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	200	-6°	-13°	CN .. 0903 ..
A20S-PCLNR09	9	25	20	13	18	250	-6°	-11°	
A25T-PCLNR09	9	32	25	17	23	300	-6°	-10°	
A25T-PCLNR12	12	32	25	17	23	300	-6°	-10°	CN .. 1204 ..
A32T-PCLNR12	12	40	32	22	30	300	-6°	-11°	
A40T-PCLNR12	12	50	40	27	37	300	-6°	-10°	
A32T-PCLNR16	16	55	32	22	30	300	-6°	-10°	CN .. 1606 ..
A40T-PCLNR16	16	58	40	27	37	300	-6°	-10°	
A16R-PCLNL09	9	20	16	11	15	200	-6°	-13°	CN .. 0903 ..
A20S-PCLNL09	9	25	20	13	18	250	-6°	-11°	
A25T-PCLNL09	9	32	25	17	23	300	-6°	-10°	
A25T-PCLNL12	12	32	25	17	23	300	-6°	-10°	CN .. 1204 ..
A32T-PCLNL12	12	40	32	22	30	300	-6°	-11°	
A40T-PCLNL12	12	50	40	27	37	300	-6°	-10°	
A32T-PCLNL16	16	55	32	22	30	300	-6°	-10°	CN .. 1606 ..
A40T-PCLNL16	16	58	40	27	37	300	-6°	-10°	

 Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 | Refer to the Walter online catalogue 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)

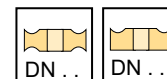
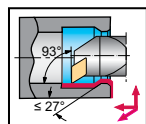
Accessories

Type	CN .. 0903 ..	CN .. 1204 ..	CN .. 1606 ..
	Shim	AP134-CN1208	AP135-CN1616

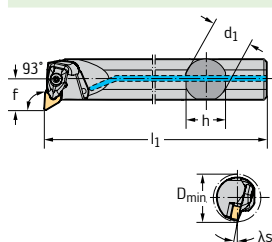
Boring bar – Rigid clamping

A...-DDUN inch
Walter Turn


– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation

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 catalogue 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 .. 1,25–1,299	DN .. 1506 .. 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

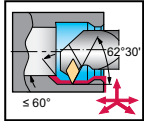
	Type	DN .. 1104 ..	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET
	Insert with hole Carbide clamp set		PK245-SET
	Shim		AP304-DN1504
	Shim		AP412-DN1507

Boring bar – Rigid clamping

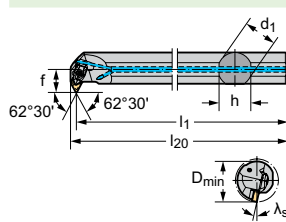
A...-DDXN mm

Walter Turn

- A = Steel version with internal cooling
- Additional coolant hole for blind hole machining



Tool



Designation

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	32	22	30	306,1	-6°	-10°	DN .. 1104 ..
A40T-DDXNR15		15	50	40	27	37	308,5	-6°	-11°	DN .. 1506 ..
A32T-DDXNL11		11	40	32	22	30	306,1	-6°	-10°	DN .. 1104 ..
A40T-DDXNL15		15	50	40	27	37	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 catalogue 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 .. 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

	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

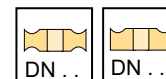
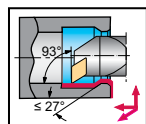
Boring bar – Lever clamping

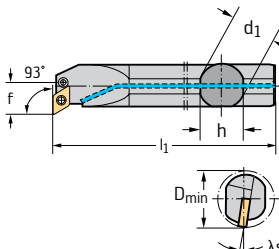
A...-PDUN

Walter Turn



– A = Steel version with internal cooling



Tool			D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
	Designation									
	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°	
	A32T-PDUNR15	15	40	32	22	30	300	-6°	-12°	DN .. 1506 ..
	A40T-PDUNR15	15	50	40	27	37	300	-6°	-11°	
Parallel shank with clamping surface	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°	
	A32T-PDUNL15	15	40	32	22	30	300	-6°	-12°	DN .. 1506 ..
	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

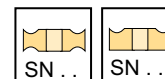
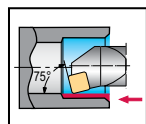
Assembly parts	Type D_{min} [mm]	DN .. 1104 .. 32	DN .. 1104 .. 40–50	DN .. 1506 .. 40–50
	Shim		AP171-DN1112	AP145-DN1516
	Lever	KN120	KN119	KN103
	Clamping screw Tightening torque	FS905 (SW 2) 2 Nm	FS351 (SW 2,5) 2 Nm	FS355 (SW 3) 5 Nm
	Shim pin		RS101	RS102
	Tapered assembly pin		MD101	MD101
	Allen 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

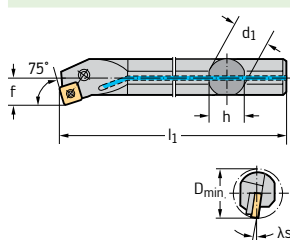
Boring bar – Lever clamping

A...-PSKN mm
Walter Turn


– A = Steel version with internal cooling



Tool



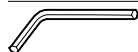
Designation

		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A25T-PSKNR12	12	32	25	17	23	300	-6°	-11°	SN .. 1204 ..
A32T-PSKNR12	12	40	32	22	30	300	-6°	-10°	
A25T-PSKNL12	12	32	25	17	23	300	-6°	-11°	SN .. 1204 ..
A32T-PSKNL12	12	40	32	22	30	300	-6°	-10°	

Parallel shank with clamping surface

 Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | Refer to the Walter online catalogue 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 .. 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	SN .. 1204 ..
	Shim	AP141-SN1208

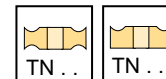
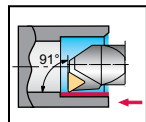
Boring bar – Rigid clamping

A...-DTFN **inch**

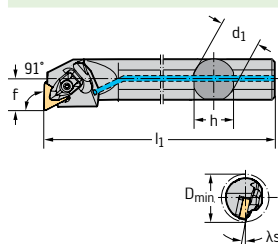
Walter Turn



– A = Steel version with internal cooling



Tool

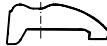
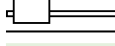


Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
A12S-DTFNR3	16	1,024	0,750	0,500	0,709	10,000	-6°	-14°	TN .. 1604 .. TN .. 33 ..
A16T-DTFNR3	16	1,201	1,000	0,640	0,906	12,000	-6°	-12°	
A20T-DTFNR3	16	1,469	1,250	0,765	1,181	12,000	-6°	-11°	
A24T-DTFNR4	22	1,760	1,500	0,890	1,374	12,000	-6°	-15°	TN .. 2204 .. TN .. 43 ..
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 ..

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalogue 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 .. 1,024–1,469	TN .. 2204 .. 1,76
	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

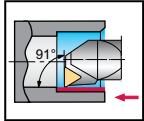
Type	Type	TN .. 1604 ..	TN .. 2204 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET
	Insert with hole Carbide clamp set		PK245-SET

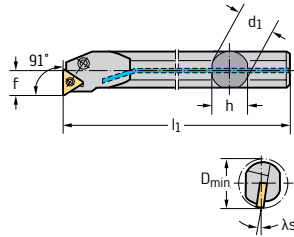
Boring bar – Lever clamping

A...-PTFN mm

Walter Turn

– A = Steel version with internal cooling



Tool			D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
 Parallel shank with clamping surface	Designation									
	A16R-PTFNR11	11	20	16	11	15	200	-6°	-14°	TN .. 1103 ..
	A20S-PTFNR11	11	25	20	13	18	250	-6°	-12°	
	A25T-PTFNR16	16	32	25	17	23	300	-6°	-13°	TN .. 1604 ..
	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°	
	A25T-PTFNL16	16	32	25	17	23	300	-6°	-13°	TN .. 1604 ..
	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 catalogue 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 .. 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		Type	TN .. 1103 ..	TN .. 1604 ..
	Shim			AP137-TN1608

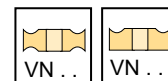
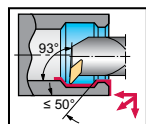
Boring bar – Rigid clamping

A...-DVUN

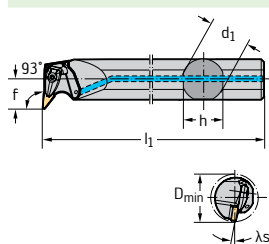
Walter Turn



– A = Steel version with internal cooling



Tool



Designation

A40T-DVUNR16

A40T-DVUNL16

 D_{min}
mm d_1
mm f
mm h
mm l_1
mm γ λ_s

Type

VN .. 1604 ..

VN .. 1604 ..

Parallel shank with clamping surface

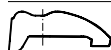
Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
 D_{min} [mm]VN .. 1604 ..
50

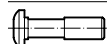
Shim

AP312-VN16

Screw for shim
Tightening 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

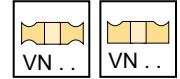
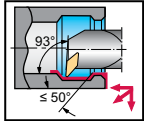
PK244-SET

Boring bar – Rigid clamping

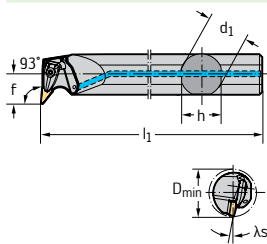
A...-DVUN inch

Walter Turn

– A = Steel version with internal cooling



Tool



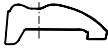
Designation

		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 catalogue 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 .. 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 ..
	(standard assembly parts) Clamp set	PK244-SET

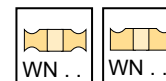
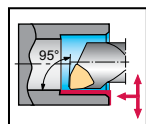
Boring bar – Rigid clamping

A...-DWLN mm

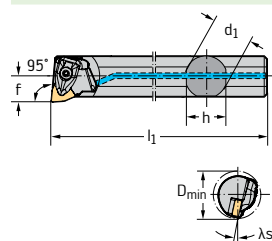
Walter Turn



– A = Steel version with internal cooling



Tool

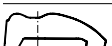
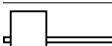


Parallel shank with clamping surface

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A25T-DWLN R06		6	32	25	17	23	-6°	-14°	WN .. 0604 ..
A32T-DWLN R06		6	40	32	22	30	-6°	-11°	
A25T-DWLN R08		8	32	25	17	23	-6°	-12°	WN .. 0804 ..
A32T-DWLN R08		8	40	32	22	30	-6°	-10°	
A40T-DWLN R08		8	50	40	27	37	-6°	-13°	WN .. 1006 ..
A50U-DWLN R08		8	63	50	35	47	-6°	-11°	
A40T-DWLN R10		10	50	40	27	37	-6°	-16°	WN .. 1006 ..
A25T-DWLN L06		6	32	25	17	23	-6°	-14°	WN .. 0604 ..
A32T-DWLN L06		6	40	32	22	30	-6°	-11°	
A25T-DWLN L08		8	32	25	17	23	-6°	-12°	WN .. 0804 ..
A32T-DWLN L08		8	40	32	22	30	-6°	-10°	
A40T-DWLN L08		8	50	40	27	37	-6°	-13°	WN .. 1006 ..
A50U-DWLN L08		8	63	50	35	47	-6°	-11°	
A40T-DWLN L10		10	50	40	27	37	-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 catalogue 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

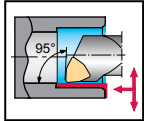
Type	WN .. 0604 ..	WN .. 0804 ..	WN .. 1006 ..
 (standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET
 Insert with hole Carbide clamp set		PK245-SET	PK246-SET
 Insert with hole Carbide clamp set		PK254-SET	

Boring bar – Rigid clamping

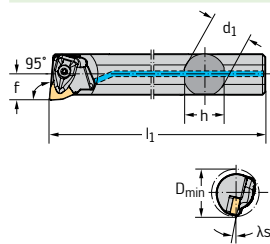
A...-DWLN inch

Walter Turn

– A = Steel version with internal cooling



Tool



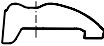
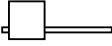
Parallel shank with clamping surface

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	12,000	-6°	-14°	WN .. 0604 .. WN .. 33 ..
A20T-DWLN3	6	1,705	1,250	1,000	1,181	12,000	-6°	-10°	
A16T-DWLN4	8	1,299	1,000	0,750	0,906	12,000	-6°	-12°	WN .. 0804 .. WN .. 43 ..
A20T-DWLN4	8	1,705	1,250	1,000	1,181	12,000	-6°	-15°	
A24T-DWLN4	8	2,000	1,500	1,000	1,374	12,000	-6°	-13°	
A32U-DWLN4	8	2,500	2,000	1,325	1,874	14,000	-6°	-11°	WN .. 0604 .. WN .. 33 ..
A16T-DWLN3	6	1,299	1,000	0,750	0,906	12,000	-6°	-14°	
A20T-DWLN3	6	1,705	1,250	1,000	1,181	12,000	-6°	-10°	
A16T-DWLN4	8	1,299	1,000	0,750	0,906	12,000	-6°	-12°	WN .. 0804 .. WN .. 43 ..
A20T-DWLN4	8	1,705	1,250	1,000	1,181	12,000	-6°	-15°	
A24T-DWLN4	8	2,000	1,500	1,000	1,374	12,000	-6°	-13°	
A32U-DWLN4	8	2,500	2,000	1,325	1,874	14,000	-6°	-11°	

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalogue 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 .. 1,299–1,705	WN .. 0804 .. 1,299–1,705	WN .. 0804 .. 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)

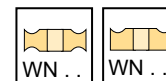
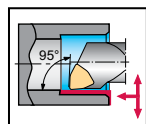
Accessories

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

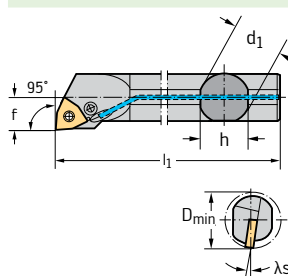
Boring bar – Lever clamping

A...-PWLN mm
Walter Turn


– A = Steel version with internal cooling



Tool

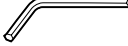


Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A20S-PWLNRO6	6	25	20	13	18	250	-6°	-15°	WN .. 0604 ..
A25T-PWLNRO6	6	32	25	17	23	300	-6°	-12°	
A25T-PWLNRO8	8	32	25	17	23	300	-6°	-10°	WN .. 0804 ..
A32T-PWLNRO8	8	40	32	22	30	300	-6°	-10°	
A20S-PWLNLO6	6	25	20	13	18	250	-6°	-15°	WN .. 0604 ..
A25T-PWLNLO6	6	32	25	17	23	300	-6°	-12°	
A25T-PWLNLO8	8	32	25	17	23	300	-6°	-10°	WN .. 0804 ..
A32T-PWLNLO8	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 catalogue 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

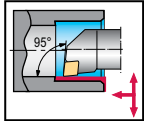
Type	WN .. 0604 ..	WN .. 0804 ..
 Shim		AP170-WN0808

Boring bar – Screw clamping

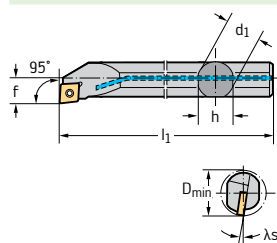
A...-SCLC mm

Walter Turn

– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation



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 catalogue 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)

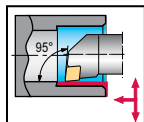
Boring bar – Screw clamping

A...-SCLC...-R mm

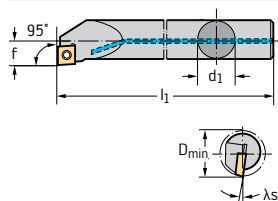
Walter Turn



– 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

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 catalogue 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

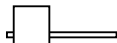
CC .. 09T3 ..
20–25



Clamping screw for indexable insert
Tightening torque

FS2066 (T7IP)
0,9 Nm

FS2062 (T15IP)
3 Nm



Torx key

FS1490 (T7IP)

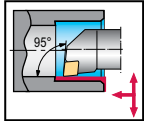
FS1465 (T15IP)

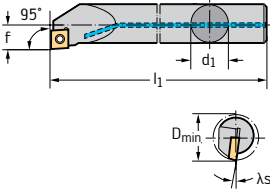
Boring bar – Screw clamping

E...-SCLC...-R mm

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 catalogue 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
	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)

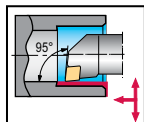
Boring bar – Screw clamping

A...-SCLC inch

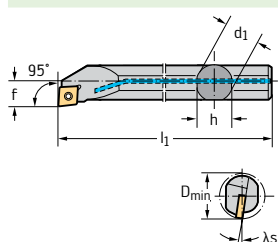
Walter Turn



– 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 catalogue 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 .. 0,48	CC .. 0602 .. 0,598–0,772	CC .. 09T3 .. 0,772	CC .. 09T3 .. 0,929–1,201	CC .. 1204 .. 1,201	CC .. 1204 .. 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)

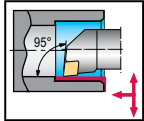
Boring bar – Screw clamping

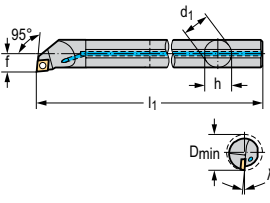
E...-SCLC inch

Walter Turn

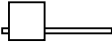


– E = Solid carbide version with internal cooling



Tool	Designation		D _{min} inch	d ₁ inch	f inch	l ₁ inch	γ	λ _s	Type
 Parallel shank with clamping surface	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

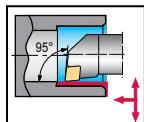
Assembly parts	Type D _{min} [inch]		CC .. 0602 .. 0,48–0,598	CC .. 0602 .. 0,772	CC .. 09T3 .. 0,929	CC .. 09T3 .. 1,201
	Clamping screw for indexable insert Tightening torque		FS2066 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs	FS2062 (T15IP) 2,213 lbs	FS2063 (T15IP) 2,213 lbs
	Torx key		FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

Boring bar – Screw clamping

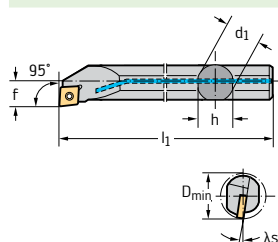
A...-SCLP inch

Walter Turn

- A = Steel version with internal cooling
- E = Solid carbide version with internal cooling



Tool



Parallel shank with clamping surface

Designation



Designation	D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A05K-SCLPR2	6	0,413	0,219	0,272	5,000	0°	-9°	CP .. 0602 .. CP .. 2(1.5) ..
A06M-SCLPR2	6	0,48	0,250	0,336	6,000	4°	-6,5°	
A08M-SCLPR2	6	0,598	0,312	0,460	6,000	6°	-2,58°	
A10R-SCLPR2	6	0,772	0,406	0,562	8,000	0°	5°	
A12S-SCLPR3	9	0,929	0,500	0,709	10,000	0°	-6,3°	CP .. 09T3 .. CP .. 3(2.5) ..
A16T-SCLPR3	9	1,201	0,639	0,906	14,173	6°	1°	
A05K-SCLPL2	6	0,413	0,219	0,272	5,000	0°	-9°	CP .. 0602 .. CP .. 2(1.5) ..
A06M-SCLPL2	6	0,48	0,250	0,336	6,000	4°	-6,5°	
A08M-SCLPL2	6	0,598	0,312	0,460	6,000	6°	-2,58°	
A10R-SCLPL2	6	0,772	0,406	0,562	8,000	0°	-5°	
A12S-SCLPL3	9	0,929	0,500	0,709	10,000	0°	-6,3°	CP .. 09T3 .. CP .. 3(2.5) ..
A16T-SCLPL3	9	1,201	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 catalogue 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 ..
0,413

CP .. 0602 ..
0,48–0,598

CP .. 0602 ..
0,772

CP .. 09T3 ..
0,929

CP .. 09T3 ..
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)

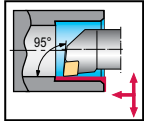
FS1465 (T15IP)

Boring bar – Screw clamping

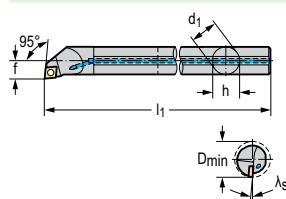
E...-SCLP inch

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

E06M-SCLPR2

6

0,48

0,375

0,250

6,000

4°

-7°

CP .. 0602 ..

E08R-SCLPR2

6

0,598

0,500

0,312

8,000

6°

-3°

CP .. 2(1.5) ..

E06M-SCLPL2

6

0,48

0,375

0,250

6,000

4°

-7°

CP .. 0602 ..

E08R-SCLPL2

6

0,598

0,500

0,312

8,000

6°

-3°

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

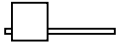
Type
 D_{min} [inch]

CP .. 0602 ..
0,48–0,598



Clamping screw for indexable insert
Tightening torque

FS2066 (T7IP)
0,664 lbs



Torx key

FS1490 (T7IP)

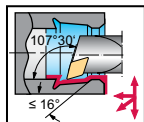
Boring bar – Screw clamping

A...-SDQC

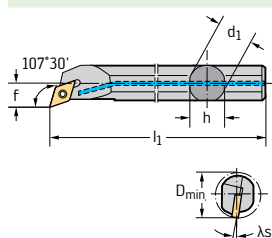
Walter Turn



– 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

12

9

11

150

0°

-7,1°

DC .. 0702 ..

A16R-SDQCR07

7

20

16

11

15

200

0°

-4,9°

DC .. 11T3 ..

A20S-SDQCR11

11

25

20

13

18

250

0°

-5,9°

DC .. 11T3 ..

A25T-SDQCR11

11

32

25

17

23

300

0°

-3,5°

DC .. 11T3 ..

A12M-SDQCL07

7

16

12

9

11

150

0°

-7,1°

DC .. 0702 ..

A16R-SDQCL07

7

20

16

11

15

200

0°

-4,9°

DC .. 11T3 ..

A20S-SDQCL11

11

25

20

13

18

250

0°

-5,9°

DC .. 11T3 ..

A25T-SDQCL11

11

32

25

17

23

300

0°

-3,5°

DC .. 11T3 ..

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue 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 ..
16–20DC .. 11T3 ..
25DC .. 11T3 ..
32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2062 (T15IP)
3 NmFS2063 (T15IP)
3 Nm

Torx key

FS1490 (T7IP)

FS1465 (T15IP)

FS1465 (T15IP)

Boring bar – Screw clamping

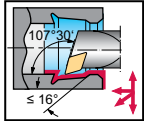
A...-SDQC...-R

mm

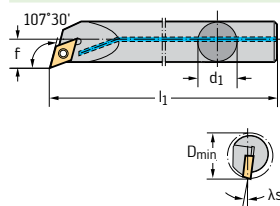
Walter Turn



– A = Steel version with internal cooling



Tool



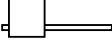
Designation

Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
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 ..

Cylindrical shank

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue 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	FS2062 (T15IP) 3 Nm
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

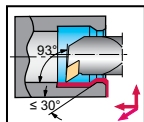
A...-SDUC

mm

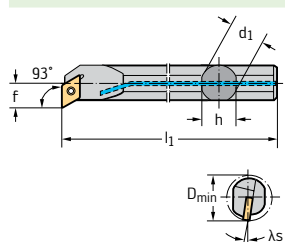
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation



Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
A10K-SDUCR07	7	13	10	7	9	125	0°	-9°	DC .. 0702 ..
A12M-SDUCR07	7	16	12	9	11	150	0°	-6,5°	
A16R-SDUCR07	7	20	16	11	15	200	0°	-4,3°	
A20S-SDUCR11	11	25	20	13	18	250	0°	-5,8°	DC .. 11T3 ..
A25T-SDUCR11	11	32	25	17	23	300	0°	-3,4°	
A32T-SDUCR11	11	40	32	22	30	300	0°	-3°	
A10K-SDUCL07	7	13	10	7	9	125	0°	-9°	DC .. 0702 ..
A12M-SDUCL07	7	16	12	9	11	150	0°	-6,5°	
A16R-SDUCL07	7	20	16	11	15	200	0°	-4,3°	
A20S-SDUCL11	11	25	20	13	18	250	0°	-5,8°	DC .. 11T3 ..
A25T-SDUCL11	11	32	25	17	23	300	0°	-3,4°	
A32T-SDUCL11	11	40	32	22	30	300	0°	-3°	

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue 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)

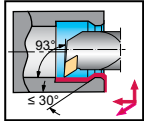
Boring bar – Screw clamping

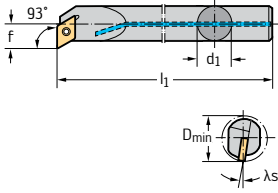
A...-SDUC...-R

mm

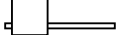
Walter Turn

– 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 ..

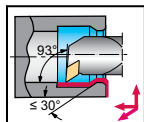
Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)	

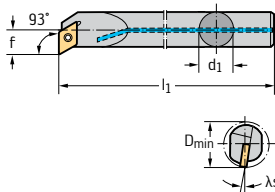
Boring bar – Screw clamping

E...-SDUC...-R
Walter Turn


– E = Solid carbide version with internal cooling

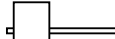


Tool

	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 catalogue 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)

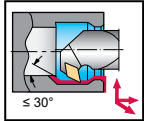
Boring bar – Screw clamping

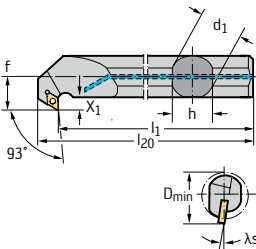
A...-SDUC...-X

mm

Walter Turn

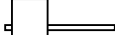
- A = Steel version with internal cooling
- Reverse copy boring bar



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												

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 catalogue 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)	

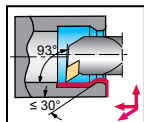
Boring bar – Screw clamping

A...-SDUC inch

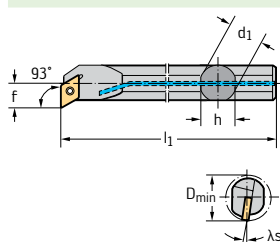
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation

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 ..
A08M-SDUCR2	7	0,728	0,500	0,438	0,460	6,000	0°	-5,018°	DC .. 2(1.5) ..
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 ..
A16T-SDUCR3	11	1,299	1,000	0,750	0,906	12,000	0°	-3,161°	DC .. 3(2.5) ..
A06M-SDUCL2	7	0,598	0,375	0,375	0,336	6,000	0°	-7,06°	DC .. 0702 ..
A08M-SDUCL2	7	0,728	0,500	0,438	0,460	6,000	0°	-5,018°	DC .. 2(1.5) ..
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 ..
A16T-SDUCL3	11	1,299	1,000	0,750	0,906	12,000	0°	-3,161°	DC .. 3(2.5) ..

Dimensional drawing shows right-hand version. | Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue 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]

Clamping screw for indexable insert
Tightening torque

DC .. 0702 ..
0,598–0,85

FS2061 (T7IP)
0,664 lbs

DC .. 11T3 ..
1,051–1,299

FS2062 (T15IP)
2,213 lbs



Torx key

FS1490 (T7IP)

FS1465 (T15IP)

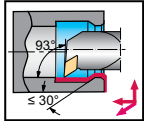
Boring bar – Screw clamping

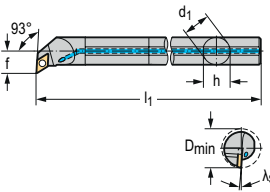
E...-SDUC inch

Walter Turn



– E = Solid carbide version with internal cooling



 Tool	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
 Parallel shank with clamping surface	E06M-SDUCR2	7	0,598	0,375	0,375	0,336	6,000	0°	-7°	DC .. 0702 ..
	E08R-SDUCR2	7	0,717	0,500	0,438	0,460	8,000	0°	-5°	DC .. 2(1.5) ..
	E10R-SDUCR2	7	0,85	0,625	0,500	0,354	8,000	0°	-4°	
	E12S-SDUCR3	11	1,039	0,750	0,625	0,709	10,000	0°	-3°	DC .. 11T3 ..
	E16T-SDUCR3	11	1,299	1,000	0,750	0,906	12,000	0°	-3°	DC .. 3(2.5) ..
	E06M-SDUCL2	7	0,598	0,375	0,375	0,336	6,000	0°	-7°	DC .. 0702 ..
	E08R-SDUCL2	7	0,717	0,500	0,438	0,460	8,000	0°	-5°	DC .. 2(1.5) ..
	E10R-SDUCL2	7	0,85	0,625	0,500	0,354	8,000	0°	-4°	
	E12S-SDUCL3	11	1,039	0,750	0,625	0,709	10,000	0°	-3°	DC .. 11T3 ..
	E16T-SDUCL3	11	1,299	1,000	0,750	0,906	12,000	0°	-3°	DC .. 3(2.5) ..

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

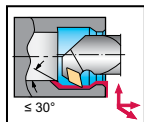
 Assembly parts	Type D _{min} [inch]	DC .. 0702 .. 0,598–0,85	DC .. 11T3 .. 1,039	DC .. 11T3 .. 1,299
 Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,664 lbs	FS2062 (T15IP) 2,213 lbs	FS2063 (T15IP) 2,213 lbs
 Torx key		FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

Boring bar – Screw clamping

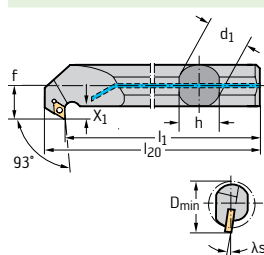
A...-SDUC...-X inch

Walter Turn

- A = Steel version with internal cooling
- Reverse copy boring bar



Tool



Parallel shank with clamping surface

Designation

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	l_{20} 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) ..

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

Assembly parts

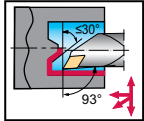
	Type D_{min} [inch]	DC .. 0702 .. 1,299	DC .. 11T3 .. 1,579
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2062 (T15IP) 2,213 lbs
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

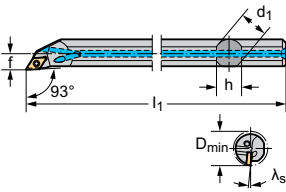
A...-SDJC

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	16	9	15	200	0°	-6°	DC... 0702 ..
	A20S-SDJCR11	11	25	20	12	18	250	0°	-6°	DC... 11T3 ..
	A25T-SDJCR11	11	32	25	14	23	300	0°	-4°	
	A16R-SDJCL07	7	20	16	9	15	200	0°	-6°	DC... 0702 ..
	A20S-SDJCL11	11	25	20	12	18	250	0°	-6°	DC... 11T3 ..
	A25T-SDJCL11	11	32	25	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

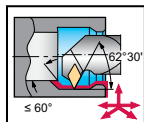
	Type D_{min} [mm]	DC... 0702 .. 20	DC... 11T3 .. 25-32
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2062 (T15IP) 3 Nm
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

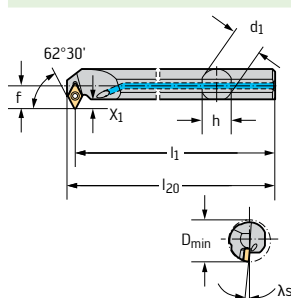
A...-SDXC...

Walter Turn

- A = Steel version with internal cooling
- Forwards/reverse copy boring bar



Tool



Designation

A12M-SDXCR07	7	16	12	9	11	150	154,3	0°	-4°	DC .. 0702 ..
A16R-SDXCR07	7	20	16	11	15	200	205	-2°	-4°	
A20S-SDXCR11	11	25	20	13	18	250	257	-3°	-5,8°	
A25T-SDXCR11	11	32	25	17	23	300	306	-2°	-3,4°	DC .. 11T3 ..
A12M-SDXCL07	7	16	12	9	11	150	154,3	0°	-4°	
A16R-SDXCL07	7	20	16	11	15	200	205	-2°	-4°	
A20S-SDXCL11	11	25	20	13	18	250	257	-3°	-5,8°	DC .. 11T3 ..
A25T-SDXCL11	11	32	25	17	23	300	306	-2°	-3,4°	

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 catalogue 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]

Clamping screw for indexable insert
Tightening torque

DC .. 0702 ..
16–20

FS2061 (T7IP)
0,9 Nm

DC .. 11T3 ..
25

FS2062 (T15IP)
3 Nm

DC .. 11T3 ..
32

FS2063 (T15IP)
3 Nm



Torx key

FS1490 (T7IP)

FS1465 (T15IP)

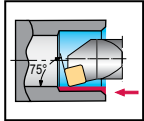
FS1465 (T15IP)

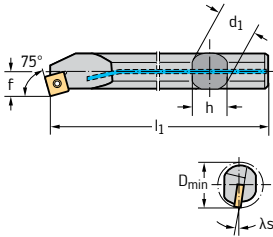
Boring bar – Screw clamping

A...-SSKC

Walter Turn

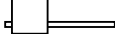
– A = Steel version with internal cooling



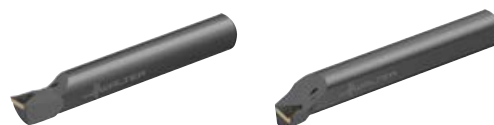
Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
	A16R-SSKCR09	9	20	16	11	15	200	0°	-8,9°	SC ... 09T3 ..
	A20S-SSKCR09	9	25	20	13	18	250	0°	-6°	
	A25T-SSKCR12	12	32	25	17	23	300	0°	-4,7°	SC ... 1204 ..
	A16R-SSKCL09	9	20	16	11	15	200	0°	-8,9°	SC ... 09T3 ..
	A20S-SSKCL09	9	25	20	13	18	250	0°	-6°	
	A25T-SSKCL12	12	32	25	17	23	300	0°	-4,7°	SC ... 1204 ..

Parallel shank with clamping surface

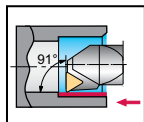
Dimensional drawing shows right-hand version. | Measured with master insert: SC ... 09T308 / SC ... 120408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)	

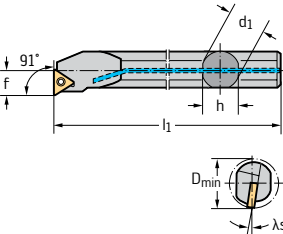
Boring bar – Screw clamping

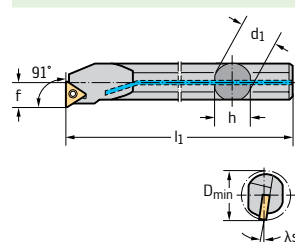
A...-STFC mm
Walter Turn


– A = Steel version with internal cooling



Tool

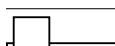
Tool			D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type	
	A06F-STFCR06	6	9	6	5	5	80	0°	-12,2°	TC .. 06T1 ..	
	A08H-STFCR06	6	11	8	6	7	100	0°	-10,2°		
	A10K-STFCR09	9	13	10	7	9	125	0°	-9,2°		TC .. 0902 ..
	A12M-STFCR11	11	16	12	9	11	150	0°	-6,7°		
	A16R-STFCR11	11	20	16	11	15	200	0°	-4,5°	TC .. 1102 ..	
	A20S-STFCR11	11	25	20	13	18	250	0°	-2,8°		
	A25T-STFCR16	16	32	25	17	23	300	0°	-3,4°		TC .. 16T3 ..
	A32T-STFCR16	16	40	32	22	30	300	0°	-7,9°		
	Parallel shank with clamping surface	A06F-STFCL06	6	9	6	5	5	80	0°	-12,2°	TC .. 06T1 ..
		A08H-STFCL06	6	11	8	6	7	100	0°	-10,2°	
A10K-STFCL09		9	13	10	7	9	125	0°	-9,2°	TC .. 0902 ..	
A12M-STFCL11		11	16	12	9	11	150	0°	-6,7°		
A16R-STFCL11		11	20	16	11	15	200	0°	-4,5°	TC .. 1102 ..	
A20S-STFCL11		11	25	20	13	18	250	0°	-2,8°		
A25T-STFCL16		16	32	25	17	23	300	0°	-3,4°		TC .. 16T3 ..
A32T-STFCL16		16	40	32	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 catalogue 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)

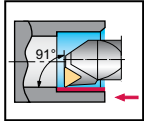
Boring bar – Screw clamping

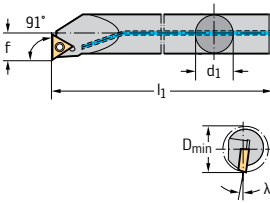
A...-STFC...-R

mm

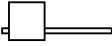
Walter Turn

– A = Steel version with internal cooling



Tool			D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
 Cylindrical shank	Designation								
	A06F-STFCR06-R	6	9	6	5	80	0°	-12,2°	TC .. 06T1 ..
	A08H-STFCR06-R	6	11	8	6	100	0°	-10,2°	
	A10K-STFCR09-R	9	13	10	7	125	0°	-9,2°	TC .. 0902 ..
	A12M-STFCR11-R	11	16	12	9	150	0°	-6,5°	TC .. 1102 ..
	A16R-STFCR11-R	11	20	16	11	200	0°	-4,5°	
	A06F-STFCL06-R	6	9	6	5	80	0°	-12,2°	TC .. 06T1 ..
	A08H-STFCL06-R	6	11	8	6	100	0°	-10,2°	
	A10K-STFCL09-R	9	13	10	7	125	0°	-9,2°	TC .. 0902 ..
	A12M-STFCL11-R	11	16	12	9	150	0°	-6,5°	TC .. 1102 ..
	A16R-STFCL11-R	11	20	16	11	200	0°	-4,5°	

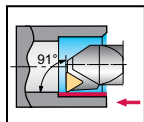
Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 06T102 / TC .. 090204 / TC .. 110204 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

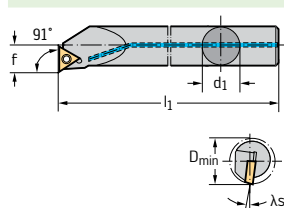
Boring bar – Screw clamping

E...-STFC...-R mm
Walter Turn


– E = Solid carbide version with internal cooling



Tool

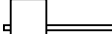


Cylindrical shank

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°	
E25T-STFCR16-R	16	32	25	17	270	0°	-3°	TC .. 16T3 ..
E06H-STFCL06-R	6	9	6	5	100	0°	-12,2°	
E08K-STFCL06-R	6	11	8	6	125	0°	-10,2°	
E10M-STFCL09-R	9	13	10	7	150	0°	-9,2°	TC .. 0902 ..
E12Q-STFCL09-R	9	16	12	9	180	0°	-6,7°	
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°	

 Dimensional drawing shows right-hand version. | Measured with master insert: TC .. 06T102 / TC .. 090204 / TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

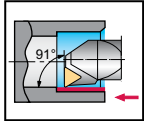
Type D_{min} [mm]	TC .. 06T1 .. 9	TC .. 06T1 .. 11	TC .. 0902 .. 13–16	TC .. 1102 .. 20–25	TC .. 16T3 .. 32
 Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2148 (T6IP) 0,6 Nm	FS2149 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm
 Torx key	FS2146 (T6IP)	FS2146 (T6IP)	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

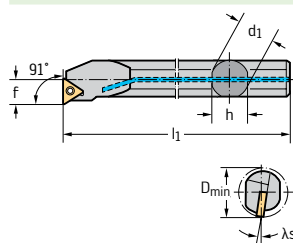
A...-STFC **inch**

Walter Turn

– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

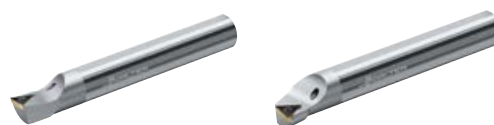
Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A06M-STFCR2	11	0,500	0,375	0,250	0,336	6,000	0°	-10,075°	TC .. 1102 .. TC .. 2(1.5) ..
A08M-STFCR2	11	0,598	0,500	0,312	0,460	6,000	0°	-7,213°	
A10R-STFCR2	11	0,772	0,625	0,406	0,562	8,000	0°	-4,703°	
A12S-STFCR2	11	0,929	0,750	0,500	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 .. TC .. 3(2.5) ..
A20T-STFCR3	16	1,469	1,250	0,765	1,181	12,000	0°	-8,67°	
A06M-STFCL2	11	0,500	0,375	0,250	0,336	6,000	0°	-10,075°	TC .. 1102 .. TC .. 2(1.5) ..
A08M-STFCL2	11	0,598	0,500	0,312	0,460	6,000	0°	-7,213°	
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 .. TC .. 3(2.5) ..
A20T-STFCL3	16	1,469	1,250	0,765	1,181	12,000	0°	-8,67°	

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

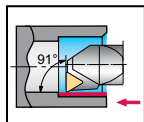
Assembly parts

Type	D_{min} [inch]	TC .. 1102 .. 0,5–0,598	TC .. 1102 .. 0,772–0,929	TC .. 16T3 .. 1,201	TC .. 16T3 .. 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)

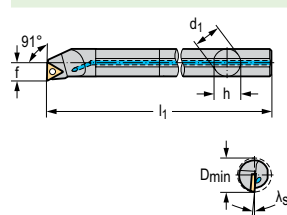
Boring bar – Screw clamping

E...-STFC inch
Walter Turn


– E = Solid carbide version with internal cooling

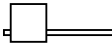


Tool

	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
 Parallel shank with clamping surface	E06M-STFCR1.8	9	0,500	0,375	0,264	0,359	6,000	0°	-9,5°	TC .. 0902 ..
	E08R-STFCR1.8	9	0,630	0,500	0,349	0,460	8,000	0°	-7°	TC .. 1.8(1.5) ..
	E10R-STFCR2	11	0,772	0,625	0,406	0,609	8,000	0°	-6°	TC .. 1102 ..
	E12S-STFCR2	11	0,929	0,750	0,500	0,734	10,000	0°	-4°	TC .. 2(1.5) ..
	E16T-STFCR3	16	1,201	1,000	0,640	0,984	12,000	0°	-4°	TC .. 16T3 ..
	E06M-STFCL1.8	9	0,500	0,375	0,264	0,359	6,000	0°	-9,5°	TC .. 0902 ..
	E08R-STFCL1.8	9	0,630	0,500	0,349	0,460	8,000	0°	-7°	TC .. 1.8(1.5) ..
	E10R-STFCL2	11	0,772	0,625	0,406	0,609	8,000	0°	-6°	TC .. 1102 ..
	E12S-STFCL2	11	0,929	0,750	0,500	0,734	10,000	0°	-4°	TC .. 2(1.5) ..
	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

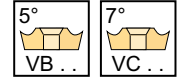
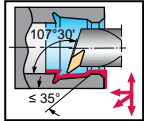
	Type D _{min} [inch]	TC .. 0902 .. 0,5–0,63	TC .. 1102 .. 0,772–0,929	TC .. 16T3 .. 1,201
	Clamping screw for indexable insert Tightening torque	FS2149 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs	FS2063 (T15IP) 2,213 lbs
	Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)

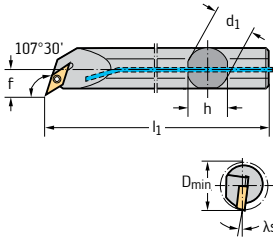
Boring bar – Screw clamping

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
 Parallel shank with clamping surface	A16R-SVQBR11	11	22	16	13	15	200	0°	-6,9°	VB .. 1103 ..
	A20S-SVQBR11	11	27	20	15	18	250	0°	-5°	
	A25T-SVQBR11	11	33	25	18	23	300	0°	-3,5°	
	A32T-SVQBR16	16	40	32	22	30	300	0°	-10,9°	VB .. 1604 ..
	A40T-SVQBR16	16	50	40	27	37	300	0°	-7,9°	
	A16R-SVQBL11	11	22	16	13	15	200	0°	-6,9°	VB .. 1103 ..
	A20S-SVQBL11	11	27	20	15	18	250	0°	-5°	
	A25T-SVQBL11	11	33	25	18	23	300	0°	-3,5°	
	A32T-SVQBL16	16	40	32	22	30	300	0°	-10,9°	VB .. 1604 ..
	A40T-SVQBL16	16	50	40	27	37	300	0°	-7,9°	

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue 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)

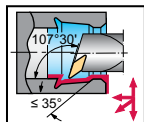
Boring bar – Screw clamping

A...-SVQB...-R

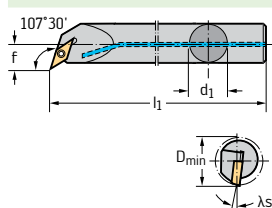
Walter Turn



– A = Steel version with internal cooling



Tool



Designation



D_{min}
mm

d_1
mm

f
mm

l_1
mm

γ

λ_s

Type

A16R-SVQBR11-R

11

22

16

13

200

0°

-6,9°

VB .. 1103 ..

A20S-SVQBR11-R

11

27

20

15

250

0°

-5°

VB .. 1103 ..

A16R-SVQBL11-R

11

22

16

13

200

0°

-6,9°

VB .. 1103 ..

A20S-SVQBL11-R

11

27

20

15

250

0°

-5°

VB .. 1103 ..

Cylindrical shank

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

Assembly parts

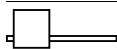
Type
 D_{min} [mm]

VB .. 1103 ..
22–27



Clamping screw for indexable insert
Tightening torque

FS2172 (T7IP)
0,9 Nm



Torx key

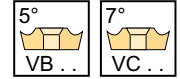
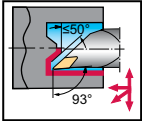
FS1490 (T7IP)

Boring bar – Screw clamping

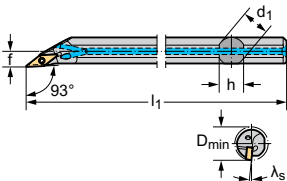
A...-SVJB mm

Walter Turn

- A = Steel version with internal cooling
- Additional coolant hole for blind hole machining



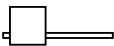
Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
	A16R-SVJBR11	11	20	16	9	15	200	0°	-6°	VB .. 1103 ..
	A20S-SVJBR11	11	25	20	11	18	250	0°	-6°	
	A16R-SVJBL11	11	20	16	9	15	200	0°	-6°	VB .. 1103 ..
	A20S-SVJBL11	11	25	20	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

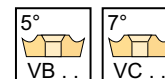
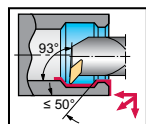
Assembly parts

	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)

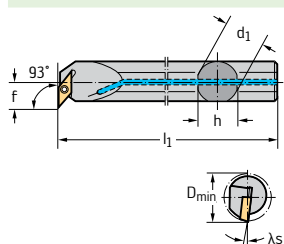
Boring bar – Screw clamping

A...-SVUB mm
Walter Turn


– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation

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	200	0°	-6,5°	VB .. 1103 ..
A20S-SVUBR11	11	27	20	15	18	250	0°	-4,7°	
A25T-SVUBR11	11	33	25	18	23	300	0°	-3,3°	
A32T-SVUBR16	16	40	32	22	30	300	0°	-9,8°	VB .. 1604 ..
A40T-SVUBR16	16	50	40	27	37	300	0°	-6,9°	
A16R-SVUBL11	11	22	16	13	15	200	0°	-6,5°	VB .. 1103 ..
A20S-SVUBL11	11	27	20	15	18	250	0°	-4,7°	
A25T-SVUBL11	11	33	25	18	23	300	0°	-3,3°	
A32T-SVUBL16	16	40	32	22	30	300	0°	-9,8°	VB .. 1604 ..
A40T-SVUBL16	16	50	40	27	37	300	0°	-6,9°	

 Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue 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)

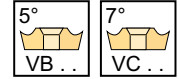
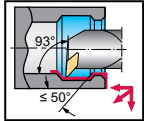
Boring bar – Screw clamping

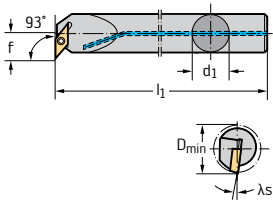
A...-SVUB...-R

mm

Walter Turn

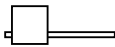
– A = Steel version with internal cooling



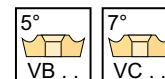
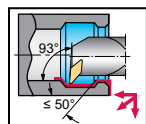
Tool	Designation		D _{min} mm	d ₁ mm	f mm	l ₁ mm	γ	λ _s	Type
	A16R-SVUBR11-R	11	22	16	13	200	0°	-6,5°	VB .. 1103 ..
	A20S-SVUBR11-R	11	27	20	15	250	0°	-4,6°	
	A16R-SVUBL11-R	11	22	16	13	200	0°	-6,5°	VB .. 1103 ..
	A20S-SVUBL11-R	11	27	20	15	250	0°	-4,6°	

Cylindrical shank

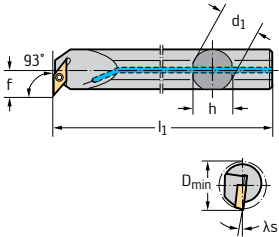
Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 110304 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type D _{min} [mm]	VB .. 1103 .. 22–27
	Clamping screw for indexable insert		FS2172 (T7IP)
	Tightening torque		0,9 Nm
	Torx key		FS1490 (T7IP)

Boring bar – Screw clamping

A...-SVUB inch
Walter Turn


Tool

	Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
 Parallel shank with clamping surface	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°	
	A20T-SVUBR3	16	1,705	1,250	1,000	1,181	12,000	0°	-8,696°	VB .. 1604 .. VB .. 33 ..
	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°	
	A20T-SVUBL3	16	1,705	1,250	1,000	1,181	12,000	0°	-8,696°	VB .. 1604 .. VB .. 33 ..
	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

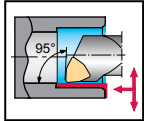
	Type D_{min} [inch]	VB .. 1103 .. 0,85–1,24	VB .. 1604 .. 1,705–2,126
	Clamping screw for indexable insert Tightening torque	FS2172 (T7IP) 0,664 lbs	FS2060 (T15IP) 2,213 lbs
	Shim		AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

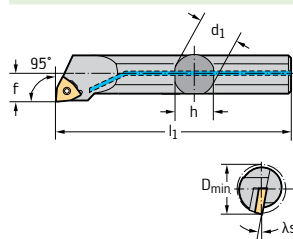
A...-SWLC mm

Walter Turn

– A = Steel version with internal cooling



Tool



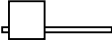
Parallel shank with clamping surface

Designation

		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
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-SWLCCL04	4	12	10	7	9	125	0°	-10°	WC .. 0402 ..
A12M-SWLCCL04	4	16	12	9	11	150	0°	-7°	
A16R-SWLCCL04	4	20	16	11	15	200	0°	-5°	
A20S-SWLCCL06	6	25	20	13	18	250	0°	-6°	WC .. 06T3 ..
A25T-SWLCCL06	6	32	25	17	23	300	0°	-3,5°	
A25T-SWLCCL08	8	32	25	17	23	300	0°	-4°	WC .. 0804 ..

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

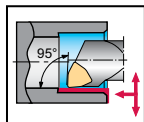
Assembly parts

	Type D_{min} [mm]	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)

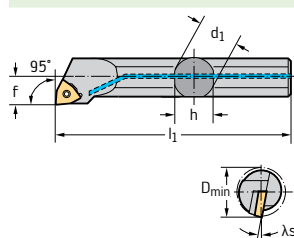
Boring bar – Screw clamping

A...-SWLC inch

Walter Turn



Tool



Parallel shank with clamping surface

Designation

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A06M-SWLCR2	4	0,500	0,375	0,250	0,336	6,000	0°	-11°	WC .. 0402 ..
A08M-SWLCR2	4	0,625	0,500	0,312	0,460	6,000	0°	-8°	WC .. 2(1.5) ..
A10R-SWLCR3	6	0,750	0,625	0,375	0,562	8,000	0°	-10°	WC .. 06T3 ..
A12S-SWLCR3	6	1,000	0,750	0,500	0,709	10,000	0°	-6,5°	WC .. 3(2.5) ..
A16T-SWLCR3	6	1,280	1,000	0,640	0,906	12,000	0°	-4°	
A06M-SWLCCL2	4	0,500	0,375	0,250	0,336	6,000	0°	-11°	WC .. 0402 ..
A08M-SWLCCL2	4	0,625	0,500	0,312	0,460	6,000	0°	-8°	WC .. 2(1.5) ..
A10R-SWLCCL3	6	0,750	0,625	0,375	0,562	8,000	0°	-10°	WC .. 06T3 ..
A12S-SWLCCL3	6	1,000	0,750	0,500	0,709	10,000	0°	-6,5°	WC .. 3(2.5) ..
A16T-SWLCCL3	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 catalogue 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]

Clamping screw for indexable insert
Tightening torque

WC .. 0402 ..
0,5–0,625

FS2067 (T7IP)
0,664 lbs

WC .. 06T3 ..
0,75–1,28

FS2062 (T15IP)
2,213 lbs



Torx key

FS1490 (T7IP)

FS1465 (T15IP)

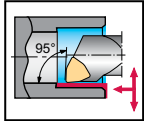
Boring bar – Screw clamping

E...-SWLC inch

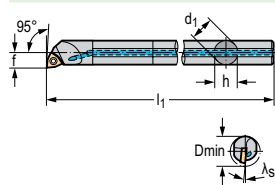
Walter Turn



– E = Solid carbide version with internal cooling



Tool



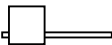
Designation

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

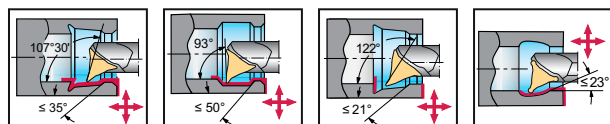
Assembly parts

	Type D_{min} [inch]	WC .. 0402 .. 0,5–0,625
	Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,664 lbs
	Torx key	FS1490 (T7IP)

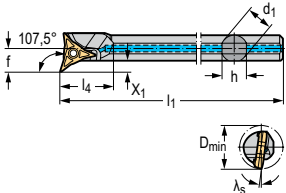
Boring bar – Copy turning system

W1211 mm
Walter Turn


- Double internal coolant supply
- With WL form-fit system



Tool

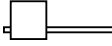
Tool			d ₁ mm	D _{min} mm	f mm	h mm	l ₁ mm	l ₄ mm	X ₁ mm	γ	λ _s	Type
	W1211-12MR-WL17	17	12	18	10	11,5	150	23	4	-3,2°	-7,5°	WL17..
	W1211-16RR-WL17	17	16	20	11	15	200	23	3	-3,2°	-7,5°	
	W1211-20SR-WL17	17	20	25	14	18,5	250	28	4	-2,7°	-7,6°	
	W1211-12ML-WL17	17	12	18	10	11,5	150	23	4	-3,2°	7,5°	WL17..
	W1211-16RL-WL17	17	16	20	11	15	200	23	3	-3,2°	-7,5°	
	W1211-20SL-WL17	17	20	25	14	18,5	250	28	4	-2,7°	-7,6°	

Parallel shank with clamping surface

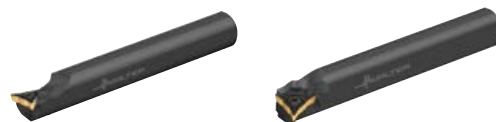
Parallel shank with clamping surface

 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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

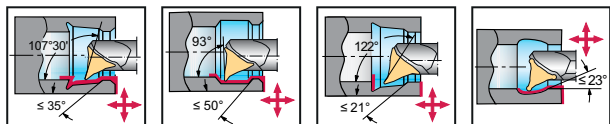
Assembly parts

	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 mm
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	4,5	-1,3°	-7,5°	WL25..
W1211-32TR-WL25		25	32	23	30	300	45	7	-1,3°	-7,5°	
W1211-40TR-WL25		25	40	27,5	37	300	54	7,5	-1,3°	-7,5°	
W1211-25TL-WL25		25	25	17	23	300	35	4,5	-1,3°	-7,5°	WL25..
W1211-32TL-WL25		25	32	23	30	300	45	7	-1,3°	-7,5°	
W1211-40TL-WL25		25	40	27,5	37	300	54	7,5	-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 catalogue 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**

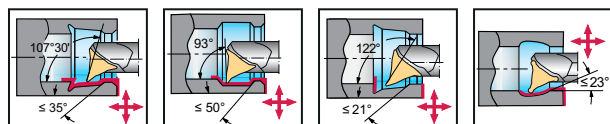
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

●● Primary application ● Other application

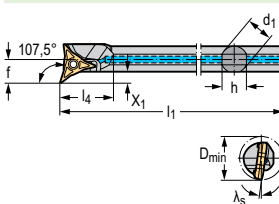
Boring bar – Copy turning system

W1211 inch
Walter Turn


- Double internal coolant supply
- With WL form-fit system



Tool

Tool				d ₁ inch	D _{min} inch	f inch	h inch	l ₁ inch	l ₄ inch	X ₁ inch	γ	λ _s	Type
	W1211.08MR-WL17	17	0,500	0,709	0,394	0,480	6,000	0,906	0,144	-3,2°	7,5°	WL17..	
	W1211.10RR-WL17	17	0,625	0,787	0,433	0,593	8,000	0,906	0,12	-3,2°	7,5°		
	W1211.12SR-WL17	17	0,750	0,984	0,551	0,729	10,000	1,083	0,176	-3,2°	7,5°		
	W1211.08ML-WL17	17	0,500	0,709	0,394	0,480	6,000	0,906	0,144	-3,2°	7,5°	WL17..	
	W1211.10RL-WL17	17	0,625	0,787	0,433	0,593	8,000	0,906	0,12	-3,2°	7,5°		
	W1211.12SL-WL17	17	0,750	0,984	0,551	0,729	10,000	1,083	0,176	-3,2°	7,5°		

Parallel shank with clamping surface

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

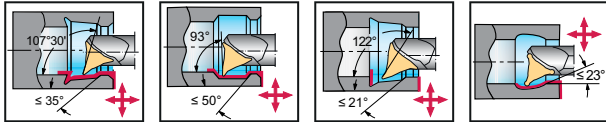
Assembly parts

	Type d ₁ [inch]	WL17.. 0,5–0,75
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1,475 lbs
	Torx key	FS1466 (T9IP)

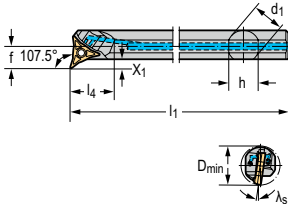
Boring bar – Copy turning system

W1211 inch
Walter Turn


- Double internal coolant supply
- Additional coolant hole for blind hole machining



Tool

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	
	W1211.16TR-WL25	25	1,000	1,260	0,669	0,906	12,049	1,378	0,169	-1,3°	-7,5°	WL25..	
	W1211.20TR-WL25	25	1,250	1,575	0,906	1,181	12,049	1,772	0,281	-1,3°	-7,5°		
	W1211.16TL-WL25	25	1,000	1,260	0,669	0,906	12,049	1,378	0,169	-1,3°	-7,5°	WL25..	
	W1211.20TL-WL25	25	1,250	1,575	0,906	1,181	12,049	1,772	0,281	-1,3°	-7,5°		

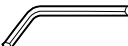


Parallel shank with clamping surface

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 catalogue 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

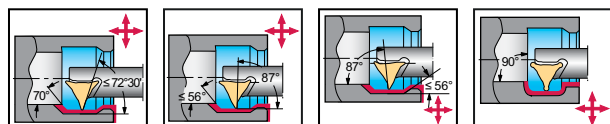
**WALTER
SELECT**

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

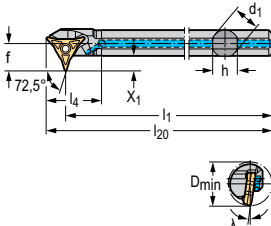
Boring bar – Copy turning system

W1210
Walter Turn


- Double internal coolant supply
- With WL form-fit system



Tool

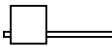
Tool			Designation	D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_4 mm	l_{20} mm	X_1 mm	γ	λ_s	Type
	W1210-12MR-WL17		17	19	12	12	11	157	21	157	6	-2,4°	-7,6°	WL17..
	W1210-16RR-WL17		17	22	16	13	15	207	23	207	5	-2,4°	-7,6°	
	W1210-20SR-WL17		17	26	20	15	18	257	26	257	5	-2,4°	-7,6°	
	W1210-12ML-WL17		17	19	12	12	11	157	21	157	6	-2,4°	-7,6°	WL17..
	W1210-16RL-WL17		17	22	16	13	15	207	23	207	5	-2,4°	-7,6°	
	W1210-20SL-WL17		17	26	20	15	18	257	26	257	5	-2,4°	-7,6°	

Parallel shank with clamping surface

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

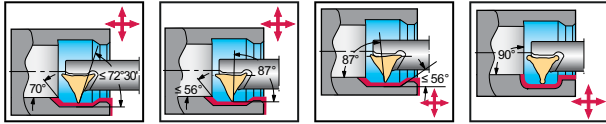
Assembly parts

	Type	WL17..
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Torx key	FS1466 (T9IP)

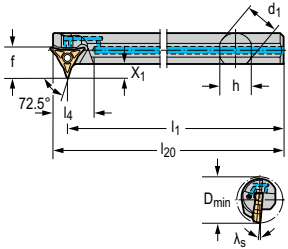
Boring bar – Copy turning system

W1210 mm
Walter Turn


- Double internal coolant supply
- Additional coolant hole for blind hole machining



Tool

Tool			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
	W1210-25TR-WL25	25	34	25	20	23	300	30	310	7,5	-1,5°	-4,8°	WL25..
	W1210-32TR-WL25	25	44	32	27	30	300	31	310	11	-1,5°	-4,8°	
	W1210-40TR-WL25	25	52	40	31	37	300	35	310	11	-1,5°	-4,8°	
	W1210-25TL-WL25	25	34	25	20	23	300	30	310	7,5	-1,5°	-4,8°	WL25..
	W1210-32TL-WL25	25	44	32	27	30	300	31	310	11	-1,5°	-4,8°	
	W1210-40TL-WL25	25	52	40	31	37	300	35	310	11	-1,5°	-4,8°	

Parallel shank with clamping surface

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	Type	WL25..
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Threaded plug	FS2082 (T6IP)
	Allen key	FS1464 (T20IP)

Accessories

Type	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

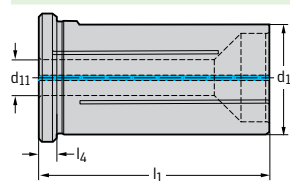
A2140-W

mm



- With Weldon shank in accordance with DIN 9766
- Self-centring for parallel round shank

Tool



Cylindrical shank with flat

Designation	d ₁ mm	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	0,16
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	0,32
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

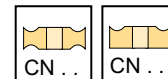
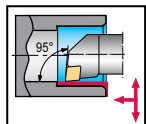
Note: Groove for self-centring is present on all Walter Turn boring bars with cylindrical shank (-R) dia. 6–25 mm. | The maximum recommended coolant pressure is 80 bar (1160 psi)

Boring bar – Rigid clamping

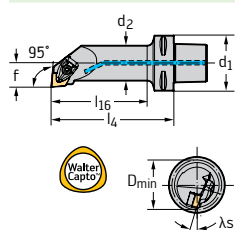
C...-DCLN mm

Walter Turn

– Walter Capto™



Tool



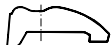
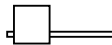
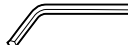
Designation

C4-DCLNR-17090-12	12	C4	32	25	17	90	68	-6°	-12°	CN .. 1204 ..
C5-DCLNR-17090-12	12	C5	32	25	17	90	66	-6°	-12°	
C6-DCLNR-17100-12	12	C6	32	25	17	100	72	-6°	-12°	
C6-DCLNR-27140-16	16	C6	50	40	27	140	114	-6°	-16°	CN .. 1606 ..
C4-DCLNL-17090-12	12	C4	32	25	17	90	68	-6°	-12°	CN .. 1204 ..
C5-DCLNL-17090-12	12	C5	32	25	17	90	66	-6°	-12°	
C6-DCLNL-17100-12	12	C6	32	25	17	100	72	-6°	-12°	
C6-DCLNL-27140-16	16	C6	50	40	27	140	114	-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 catalogue 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)

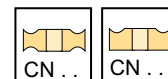
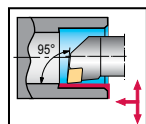
Accessories

	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	

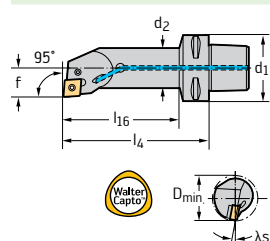
Boring bar – Lever clamping

C...-PCLN mm
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	-6°	-11°	CN .. 1204 ..
C4-PCLNR-17090-12		12	C4	32	25	17	90	-6°	-11°	
C4-PCLNR-22110-12		12	C4	40	32	22	110	-6°	-11°	
C4-PCLNR-27080-12		12	C4	50	40	27	80	-6°	-10°	
C4-PCLNR-27120-12		12	C4	50	40	27	120	-6°	-11°	
C5-PCLNR-17090-12		12	C5	32	25	17	90	-6°	-11°	
C5-PCLNR-22110-12		12	C5	40	32	22	110	-6°	-11°	
C5-PCLNR-27140-12		12	C5	50	40	27	140	-6°	-10°	
C5-PCLNR-35100-12		12	C5	63	50	35	100	-6°	-7°	
C6-PCLNR-17100-12		12	C6	32	25	17	100	-6°	-11°	
C6-PCLNR-22110-12		12	C6	40	32	22	110	-6°	-11°	CN .. 1606 ..
C5-PCLNR-35150-16		16	C5	63	50	35	150	-6°	-11°	
C6-PCLNR-27140-16		16	C6	50	40	27	140	-6°	-11°	
C6-PCLNR-35175-16		16	C6	63	50	35	175	-6°	-11°	CN .. 1204 ..
C3-PCLNL-17090-12		12	C3	32	25	17	90	-6°	-11°	
C4-PCLNL-17090-12		12	C4	32	25	17	90	-6°	-11°	
C4-PCLNL-22110-12		12	C4	40	32	22	110	-6°	-11°	
C4-PCLNL-27080-12		12	C4	50	40	27	80	-6°	-10°	
C4-PCLNL-27120-12		12	C4	50	40	27	120	-6°	-11°	
C5-PCLNL-17090-12		12	C5	32	25	17	90	-6°	-11°	
C5-PCLNL-22110-12		12	C5	40	32	22	110	-6°	-11°	
C5-PCLNL-27140-12		12	C5	50	40	27	140	-6°	-10°	
C5-PCLNL-35100-12		12	C5	63	50	35	100	-6°	-7°	
C6-PCLNL-17100-12		12	C6	32	25	17	100	-6°	-11°	CN .. 1606 ..
C6-PCLNL-22110-12		12	C6	40	32	22	110	-6°	-11°	
C5-PCLNL-35150-16		16	C5	63	50	35	150	-6°	-11°	
C6-PCLNL-27140-16		16	C6	50	40	27	140	-6°	-11°	
C6-PCLNL-35175-16		16	C6	63	50	35	175	-6°	-11°	

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

Assembly parts

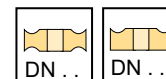
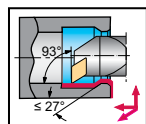
Type	D _{min} [mm]	CN .. 1204 .. 32	CN .. 1204 .. 40–63	CN .. 1606 .. 50–63
	Shim		AP134-CN1216	AP135-CN1624
	Lever	KN109	KN102	KN104
	Clamping screw Tightening torque	FS332 (SW 2,5) 2,5 Nm	FS352 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm
	Shim pin		RS102	RS103
	Tapered assembly pin		MD101	MD102
	Allen key	ISO2936-2.5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Accessories			
	Type	CN .. 1204 ..	CN .. 1606 ..
	Shim	AP134-CN1208	AP135-CN1616

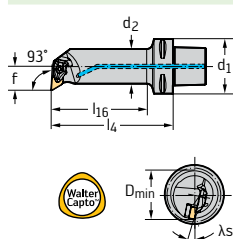
Boring bar – Rigid clamping

C...-DDUN mm
Walter Turn

– Walter Capto™



Tool



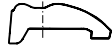
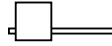
Walter Capto™ in acc. with ISO 26623

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 catalogue 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

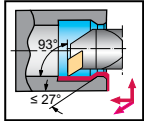
	Type	DN .. 1104 ..	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET
	Insert without hole Carbide clamp set		PK245-SET
	Insert without hole Carbide clamp set		PK254-SET
	Shim for DN .. 1504 ..		AP304-DN1504

Boring bar – Lever clamping

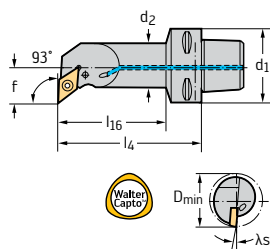
C...-PDUN mm

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 catalogue 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

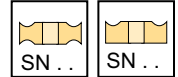
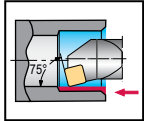
	Type	DN .. 1104 ..	DN .. 1506 ..
	Shim	AP171-DN1108	AP145-DN1508
	Shim for DN .. 1504 ..		AP357-DN1508
	Shim for DN .. 1504 ..		AP357-DN1516

Boring bar – Lever clamping

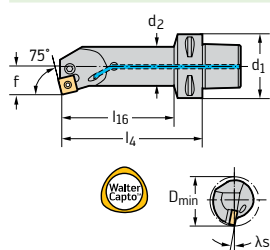
C...-PSKN

Walter Turn

– Walter Capto™



Tool



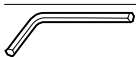
Designation

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 catalogue 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)

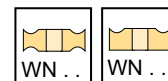
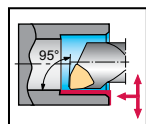
Accessories

	Type	SN .. 1204 ..	SN .. 1506 ..
	Shim	AP141-SN1208	AP142-SN1516

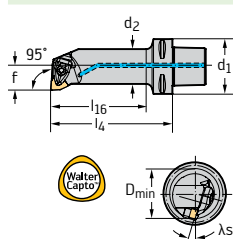
Boring bar – Rigid clamping

C...-DWLN mm
Walter Turn

– Walter Capto™



Tool



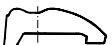
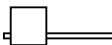
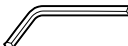
Designation

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 catalogue 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 .. 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

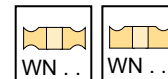
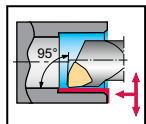
Type	Type	WN .. 0604 ..	WN .. 0804 ..	WN .. 1006 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET
	Insert with hole Carbide clamp set		PK254-SET	

Boring bar – Lever clamping

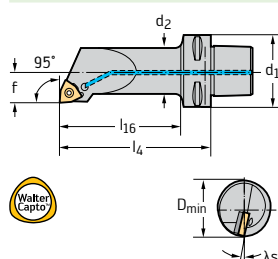
C...-PWLN mm

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-PWLN-13075-06	6	C3	25	20	13	75	58	-6°	-15°	WN .. 0604 ..
C4-PWLN-13075-06	6	C4	25	20	13	75	52	-6°	-15°	
C4-PWLN-17090-06	6	C4	32	25	17	90	68	-6°	-10°	
C4-PWLN-17090-08	8	C4	32	25	17	90	67	-6°	-10°	WN .. 0804 ..
C4-PWLN-22110-08	8	C4	40	32	22	110	89	-6°	-10°	
C4-PWLN-27120-08	8	C4	50	40	27	120	100	-6°	-10°	
C5-PWLN-17090-08	8	C5	32	25	17	90	67	-6°	-10°	WN .. 0804 ..
C5-PWLN-22110-08	8	C5	40	32	22	110	88	-6°	-14°	
C5-PWLN-27140-08	8	C5	50	40	27	140	119	-6°	-10°	
C6-PWLN-27140-08	8	C6	50	40	27	140	115	-6°	-10°	WN .. 0804 ..
C6-PWLN-35175-08	8	C6	63	50	35	175	152	-6°	-10°	
C3-PWLN-13075-06	6	C3	25	20	13	75	58	-6°	-15°	
C4-PWLN-13075-06	6	C4	25	20	13	75	52	-6°	-15°	WN .. 0804 ..
C4-PWLN-17090-06	6	C4	32	25	17	90	68	-6°	-12°	
C4-PWLN-17090-08	8	C4	32	25	17	90	69	-6°	-14°	
C4-PWLN-22110-08	8	C4	40	32	22	110	89	-6°	-10°	WN .. 0804 ..
C4-PWLN-27120-08	8	C4	50	40	27	120	100	-6°	-10°	
C5-PWLN-17090-08	8	C5	32	25	17	90	67	-6°	-10°	
C5-PWLN-22110-08	8	C5	40	32	22	110	88	-6°	-14°	WN .. 0804 ..
C5-PWLN-27140-08	8	C5	50	40	27	140	119	-6°	-10°	
C6-PWLN-27140-08	8	C6	50	40	27	140	115	-6°	-10°	
C6-PWLN-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 catalogue 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 ..
	Shim	AP170-WN0808

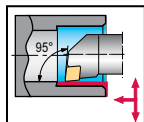
Boring bar – Screw clamping

C...-SCLC

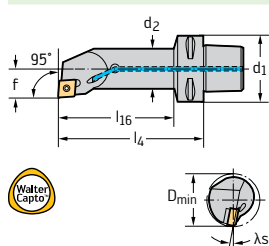
mm

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation

d₁D_{min}
mmd₂
mmf
mml₄
mml₁₆
mm

γ

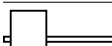
λ_s

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°	CC .. 1204 ..
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°	
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°	CC .. 09T3 ..
C3-SCLCL-11065-09	9	C3	20	16	11	65	48	0°	-8,4°	
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°	CC .. 1204 ..
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°	
C5-SCLCL-22110-12	12	C5	40	32	22	110	88	0°	-9,8°	CC .. 1204 ..
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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

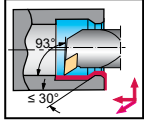
	Type D _{min} [mm]	CC .. 09T3 .. 20–25	CC .. 09T3 .. 32	CC .. 1204 .. 32	CC .. 1204 .. 40–50
	Clamping screw for indexable insert Tightening torque	FS2062 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2064 (T15IP) 3 Nm	FS2065 (T15IP) 3 Nm
	Shim				AP314-CC1212
	Screw for shim				FS2069 (SW 4)
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1496 (T15IP)	FS1496 (T15IP)

Boring bar – Screw clamping

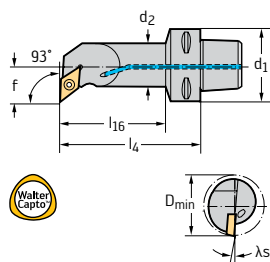
C...-SDUC

Walter Turn

– Walter Capto™



Tool



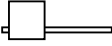
Walter Capto™ in acc. with ISO 26623

Designation

Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type
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 catalogue 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	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)

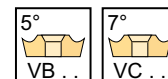
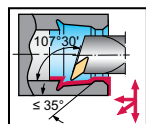
Boring bar – Screw clamping

C...-SVQB

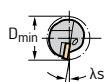
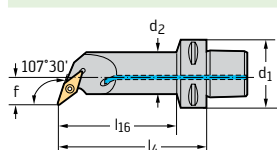
mm

Walter Turn

– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation



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°	VB .. 1103 ..
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 catalogue 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	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

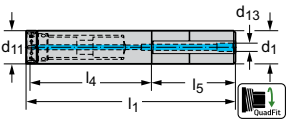
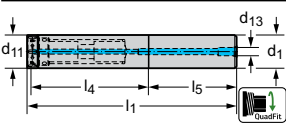
Type	VB .. 1103 ..	VB .. 1604 ..
 Shim		AP330-VB1612

Cylinder shaft adaptor – vibration damped

A3000 mm
Accure-tec®

- For QuadFit exchangeable heads
- With preset vibration damping



Tool		Designation	d ₁ mm	d ₁₁	l ₅ mm	l ₁ mm	d ₁₃	kg
 Parallel shank with clamping surface		A3000-25-Q25-130	25	Q25	100	234,5	G 1/4	1,1
		A3000-32-Q32-160	32	Q32	128	293,4	G 1/4	1,8
		A3000-32-Q32-224	32	Q32	128	357,4	G 1/4	2,2
		A3000-40-Q40-208	40	Q40	160	374,4	G 1/4	3,8
		A3000-40-Q40-288	40	Q40	160	454,4	G 1/4	4,6
		A3000-50-Q50-268	50	Q50	200	475,4	G 1/4	7,5
		A3000-50-Q50-368	50	Q50	200	575,4	G 1/4	9,1
 Cylindrical shank		A3000-25-Q25-180	25	Q25	100	284,5	G 1/4	1,1
		A3000-25-Q25-230-CS	25	Q25	75	309,5	M8X1	1,7
		A3000-32-Q32-288-CS	32	Q32	98	389,4	M8X1	2,7
		A3000-40-Q40-368	40	Q40	160	534,4	G 1/4	5,5
		A3000-50-Q50-468	50	Q50	200	675,4	G 1/4	11

A3000...-CS = Carbide reinforced version | Refer to the Walter online catalogue 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		

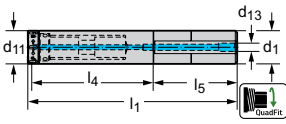
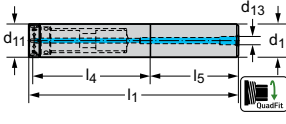
Accessories		d ₁₁	Q25	Q32	Q40	Q50
	Torque wrench with hook		SD4000-Q25-25 (25)	SD4000-Q32-25 (Q32) 25 Nm	SD4000-Q40-35 (Q40) 35 Nm	SD4000-Q50-55 (Q50) 55 Nm
	Hook for torque wrench		SD6000-Q25 (Q25)	SD6000-Q32 (Q32) 25 Nm	SD6000-Q40 (Q40) 35 Nm	SD6000-Q50 (Q50) 55 Nm

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 ₅ inch	l ₁ inch	d ₁₃	lbs
 Parallel shank with clamping surface	A3000.16-Q25-133	1,000	Q25	4,000	9,430	G 1/4	4,365
	A3000.20-Q32-165	1,250	Q32	5,000	11,713	G 1/4	3,968
	A3000.20-Q32-229	1,250	Q32	5,000	14,213	G 1/4	5,071
	A3000.24-Q40-203	1,500	Q40	6,000	14,252	G 1/4	7,716
	A3000.24-Q40-279	1,500	Q40	6,000	17,252	G 1/4	9,480
	A3000.32-Q50-267	2,000	Q50	8,000	18,791	G 1/4	16,755
	A3000.32-Q50-368	2,000	Q50	8,000	22,791	G 1/4	20,283
 Parallel shank with clamping surface	A3000.16-Q25-184	1,000	Q25	4,000	11,430	G 1/4	5,357
	A3000.16-Q25-235-CS	1,000	Q25	3,000	12,430	M8X1	8,752
	A3000.20-Q32-292-CS	1,250	Q32	3,750	15,463	M8X1	13,118
	A3000.24-Q40-356	1,500	Q40	6,000	20,252	G 1/4	11,464
	A3000.32-Q50-470	2,000	Q50	8,000	26,791	G 1/4	24,692

A3000...-CS = Carbide reinforced version | Refer to the Walter online catalogue 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		SD9000-Q25	SD9000-Q32	SD9000-Q40	SD9000-Q50
	Tightening torque		18,439 lbs	18,439 lbs	25,815 lbs	40,566 lbs
	Coolant adaptor for CS variant		CN3001-M8-G1/4	CN3001-M8-G1/4		

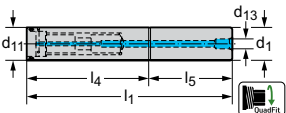
Accessories		d ₁₁	Q25	Q32	Q40	Q50
	Torque wrench with hook		SD4000-Q25-25 (25)	SD4000-Q32-25 (Q32) 18,439 lbs	SD4000-Q40-35 (Q40) 25,815 lbs	SD4000-Q50-55 (Q50) 40,566 lbs
	Hook for torque wrench		SD6000-Q25 (Q25)	SD6000-Q32 (Q32) 18,439 lbs	SD6000-Q40 (Q40) 25,815 lbs	SD6000-Q50 (Q50) 40,566 lbs

Cylinder shaft adaptor – vibration damped

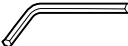
A3001 mm
Accure-tec®

- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping



Tool		d ₁ mm	d ₁₁	l ₅ mm	l ₁ mm	d ₁₃	
	Designation						
	A3001-60-QL60-301	60	QL60	240	541	G 3/4	12,5
	A3001-60-QL60-541	60	QL60	240	781	G 3/4	18,1
	A3001-80-QL80-421	80	QL80	320	741	G 3/4	30,2
	A3001-80-QL80-741	80	QL80	320	1.061	G 3/4	43,4
Cylindrical shank	A3001-100-QL100-939	100	QL100	500	1.439	G 3/4	84,7

Refer to the Walter online catalogue 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)

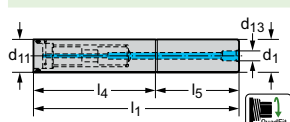
Cylinder shaft adaptor – vibration damped

A3001 **inch**
Accure-tec®

- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping



Tool



Designation

	d_1 inch	d_{11}	l_5 inch	l_1 inch	d_{13}	lbs
A3001.40-QL64-318	2,500	QL64	10,000	22,500	G 3/4	32,408
A3001.40-QL64-572	2,500	QL64	10,000	32,500	G 3/4	46,738
A3001.48-QL76-394	3,000	QL74	12,000	27,500	G 3/4	57,32
A3001.48-QL76-699	3,000	QL74	12,000	39,500	G 3/4	83,114
A3001.64-QL100-953	4,000	QL100	20,000	57,500	G 3/4	195,55

Cylindrical shank

 Refer to the Walter online catalogue 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)

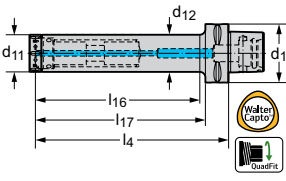
Walter Capto™ Adaptor – vibration damped

A3000-C

Accure-tec®

- For QuadFit exchangeable heads
- With preset vibration damping



Tool		Designation	d ₁	d ₁₁	d ₁₂ mm	l ₁₆ mm	l ₁₇ mm	kg
		A3000-C4-Q25-130	C4	Q25	25	107	110	0,9
		A3000-C4-Q25-180	C4	Q25	25	157	160	1
		A3000-C4-Q32-160	C4	Q32	32	134	140	1,2
		A3000-C4-Q32-224	C4	Q32	32	198	204	1,7
		A3000-C5-Q25-130	C5	Q25	25	107	110	2,9
		A3000-C5-Q25-180	C5	Q25	25	157	160	1,1
		A3000-C5-Q25-230	C5	Q25	25	207	210	3,9
		A3000-C5-Q32-160	C5	Q32	32	133	140	1,4
		A3000-C5-Q32-224	C5	Q32	32	197	204	4,4
		A3000-C5-Q32-288	C5	Q32	32	261	268	2,2
		A3000-C5-Q40-208	C5	Q40	40	181	188	2,5
		A3000-C5-Q40-288	C5	Q40	40	261	268	3,3
		A3000-C6-Q25-130	C6	Q25	25	102	105	1,3
		A3000-C6-Q25-180	C6	Q25	25	152	155	4,1
		A3000-C6-Q25-230	C6	Q25	25	202	205	1,7
		A3000-C6-Q32-160	C6	Q32	32	129	135	1,9
		A3000-C6-Q32-224	C6	Q32	32	193	199	2,1
		A3000-C6-Q32-288	C6	Q32	32	257	263	2,6
		A3000-C6-Q40-208	C6	Q40	40	177	183	2,9
		A3000-C6-Q40-288	C6	Q40	40	257	263	3,7
		A3000-C6-Q40-368	C6	Q40	40	337	343	4,5
		A3000-C6-Q50-268	C6	Q50	50	238	243	5
		A3000-C6-Q50-368	C6	Q50	50	338	343	6,6
		A3000-C6-Q50-468	C6	Q50	50	438	443	8,5
		A3000-C8-Q32-224	C8	Q32	32	181	191	3,2
		A3000-C8-Q32-288	C8	Q32	32	245	255	3,6
		A3000-C8-Q40-288	C8	Q40	40	245	255	4,7
		A3000-C8-Q40-368	C8	Q40	40	325	335	5,6
		A3000-C8-Q50-268	C8	Q50	50	225	235	5,9
		A3000-C8-Q50-368	C8	Q50	50	325	335	7,5
		A3000-C8-Q50-468	C8	Q50	50	425	435	9,4

Refer to the Walter online catalogue 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-Q25-25 (25)	SD4000-Q32-25 (Q32) 25 Nm	SD4000-Q40-35 (Q40) 35 Nm	SD4000-Q50-55 (Q50) 55 Nm
	Hook for torque wrench	SD6000-Q25 (Q25)	SD6000-Q32 (Q32) 25 Nm	SD6000-Q40 (Q40) 35 Nm	SD6000-Q50 (Q50) 55 Nm

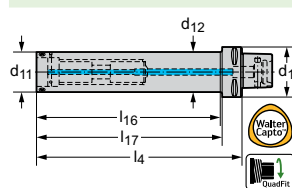
Walter Capto™ Adaptor – vibration damped

A3001-C mm
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


d₁

Threaded plug

QL60

FS2609 (SW 4)

QL80

FS2610 (SW 5)



Allen key

ISO2936-4 (SW 4)

ISO2936-5 (SW 5)

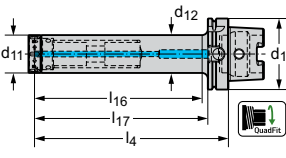
HSK-T adaptor – vibration damped

A3000-HSK-T mm

Accure-tec®

- For QuadFit exchangeable heads
- With preset vibration damping



Tool	Designation	d ₁ mm	d ₁₁	d ₁₂ mm	l ₁₆ mm	l ₁₇ mm	 kg
 HSK DIN 69893-7	A3000-H63T-Q25-130	63	Q25	25	101	104	1,1
	A3000-H63T-Q32-160	63	Q32	32	112	134	4,4
	A3000-H63T-Q25-180	63	Q25	25	151	154	3,9
	A3000-H63T-Q40-208	63	Q40	40	160	182	2,7
	A3000-H63T-Q32-224	63	Q32	32	176	198	2
	A3000-H63T-Q25-230	63	Q25	25	201	204	4,1
	A3000-H63T-Q50-268	63	Q50	50	225	242	4,8
	A3000-H63T-Q40-288	63	Q40	40	240	262	3,5
	A3000-H63T-Q50-368	63	Q50	50	325	342	6,4
	A3000-H100T-Q32-224	100	Q32	32	173	195	3,4
	A3000-H100T-Q50-268	100	Q50	50	218	239	6,2
	A3000-H100T-Q32-288	100	Q32	32	237	259	3,8
	A3000-H100T-Q40-288	100	Q40	40	237	259	4,9
	A3000-H100T-Q40-368	100	Q40	40	317	339	5,8
	A3000-H100T-Q50-368	100	Q50	50	318	339	7,8
	A3000-H100T-Q50-468	100	Q50	50	418	439	9,7

Refer to the Walter online catalogue 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-Q25-25 (25)	SD4000-Q32-25 (Q32) 25 Nm	SD4000-Q40-35 (Q40) 35 Nm	SD4000-Q50-55 (Q50) 55 Nm
	Hook for torque wrench	SD6000-Q25 (Q25)	SD6000-Q32 (Q32) 25 Nm	SD6000-Q40 (Q40) 35 Nm	SD6000-Q50 (Q50) 55 Nm

HSK-T adaptor – vibration damped

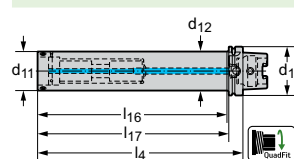
A3001-HSK-T mm

Accure-tec®

- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping



Tool



Designation	d ₁	d ₁₂	l ₄ mm	l ₆ mm	l ₇ 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)

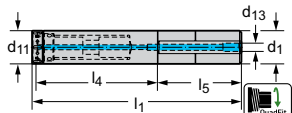
Cylindrical shank - QuadFit

A2100

mm

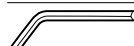


– For QuadFit exchangeable heads

Tool		d ₁ mm	d ₁₁	l ₄ mm	l ₅ mm	l ₁ mm	d ₁₃	kg
	Designation							
	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)

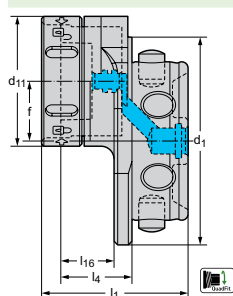
QuadFit Large Intermediate adaptors

A2201 mm
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 catalogue 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

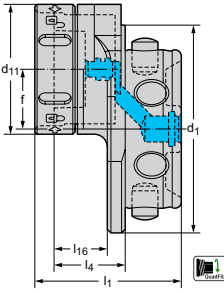
	d ₁₁	Q50
	Torque wrench with hook	SD4000-Q50-55 (Q50) 55 Nm
	Hook for torque wrench	SD6000-Q50 (Q50) 55 Nm

QuadFit Large Intermediate adaptors

A2201 **inch**
Accuretec®

- QuadFit
- For A3001 Accuretec boring bars



Tool								
	Designation	d ₁₁	d ₁	f inch	l 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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

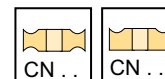
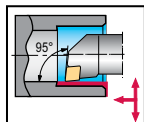
Assembly parts		
	d ₁₁	Q50
	Hook wrench Tightening torque	SD9000-Q50 40,566 lbs
Accessories		
	d ₁₁	Q50
	Torque wrench with hook	SD4000-Q50-55 (Q50) 40,566 lbs
	Hook for torque wrench	SD6000-Q50 (Q50) 40,566 lbs

Replaceable head – rigid clamping

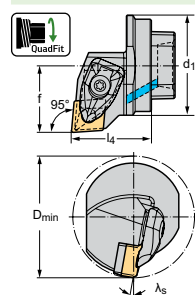
Q...-DCLN mm

Walter Turn

- QuadFit
- For Accuretec boring bars



Tool



Designation

 d_1 D_{min}
mm f
mm l_4
mm γ λ_s

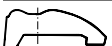
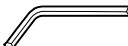
Type

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 catalogue 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

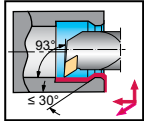
Type	CN .. 1204 ..	CN .. 1606 ..
 (standard assembly parts) Clamp set	PK241-SET	PK242-SET
 Insert with hole Carbide clamp set	PK245-SET	PK246-SET
 Insert with hole Carbide clamp set	PK254-SET	

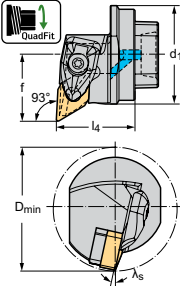
Replaceable head – rigid clamping

Q...-DDUN mm

Walter Turn

- QuadFit
- For Accuretec boring bars

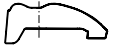
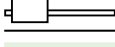


Tool									
	Designation		d ₁	D _{min} mm	f mm	l ₄ mm	γ	λ _s	Type
	Q32-DDUNR-22032-11	11	Q32	40	22	32	-6°	-10°	DN .. 1104 ..
	Q40-DDUNR-27032-11	11	Q40	50	27	32	-5°	-10°	
	Q32-DDUNR-22032-15	15	Q32	40	21,9	32	-6°	-14°	DN .. 1506 ..
	Q40-DDUNR-27032-15	15	Q40	50	27	32	-6°	-12°	
	Q50-DDUNR-32032-15	15	Q50	63	32	32	-6°	-12°	
	Q32-DDUNL-22032-11	11	Q32	40	22	32	-6°	-10°	DN .. 1104 ..
	Q40-DDUNL-27032-11	11	Q40	50	27	32	-5°	-10°	
	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°	
Q50-DDUNL-32032-15	15	Q50	63	32	32	-6°	-12°		

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalogue 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

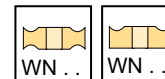
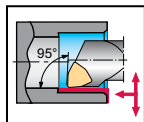
	Type	DN .. 1104 ..	DN .. 1506 ..
	(standard assembly parts) Clamp set	PK240-SET	PK241-SET
	Insert without hole Carbide clamp set		PK245-SET
	Insert without hole Carbide clamp set		PK254-SET
	Shim for DN .. 1504 ..		AP304-DN1504

Replaceable head – rigid clamping

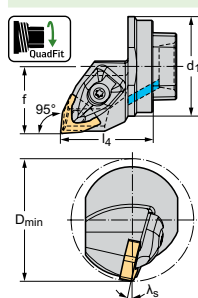
Q...-DWLN mm

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool



Designation

d₁D_{min}
mmf
mml₄
mm

γ

λ_s

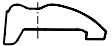
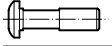
Type

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 catalogue 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

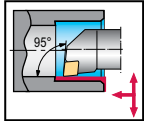
Type	WN .. 0604 ..	WN .. 0804 ..
 (standard assembly parts) Clamp set	PK240-SET	PK241-SET
 Insert without hole Carbide clamp set		PK245-SET
 Insert without hole Carbide clamp set		PK254-SET

Replaceable head – screw clamping

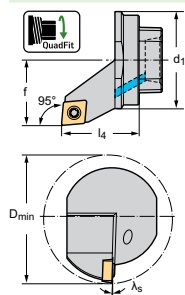
Q...-SCLC mm

Walter Turn

- QuadFit
- For Accuretec boring bars



Tool



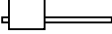
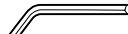
QuadFit

Designation

			d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
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°	CC ... 1204 ..
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°	CC ... 1204 ..
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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

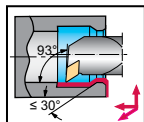
	Type	CC ... 09T3 ..	CC ... 1204 ..
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2281 (T20IP) 5 Nm
	Shim		AP364-CC1208
	Screw for shim		FS2592 (SW 5)
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)
	Allen key for shim		ISO2936-5 (SW 5)

Replaceable head – screw clamping

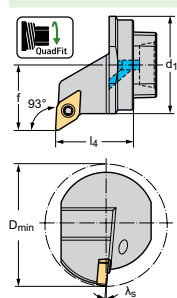
Q...-SDUC mm

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool



Designation

d₁D_{min}
mmf
mml₄
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 catalogue 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)

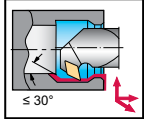
Replaceable head – screw clamping

Q...-SDUC...-X

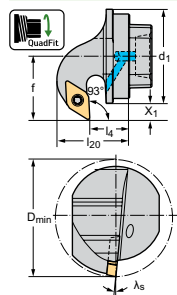
mm

Walter Turn

- QuadFit
- For Accuretec boring bars



Tool



Designation



d₁

D_{min}
mm

f
mm

l₄
mm

l₂₀
mm

X₁
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°

DC .. 11T3 ..

Q40-SDUCR-27017-11X

11

Q40

50

26,9

17

40,5

6,9

0°

-5°

DC .. 11T3 ..

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°

DC .. 11T3 ..

Q32-SDUCL-22018-11X

11

Q32

40

21,9

18

37,5

5,9

0°

-5°

DC .. 11T3 ..

Q40-SDUCL-27017-11X

11

Q40

50

26,9

17

40,5

6,9

0°

-5°

DC .. 11T3 ..

Q50-SDUCL-32017-11X

11

Q50

63

32

17

42,5

6,9

0°

-5°

DC .. 11T3 ..

QuadFit

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

Assembly parts

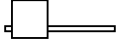
Type

DC .. 11T3 ..



Clamping screw for indexable insert
Tightening torque

FS1461 (T15IP)
2,5 Nm



Torx key

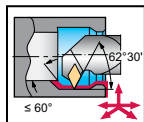
FS1465 (T15IP)

Replaceable head – screw clamping

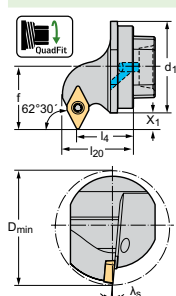
Q...-SDXC mm

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool



Designation

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

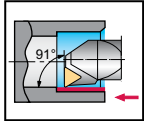
	Type	DC .. 11T3 ..
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm
	Torx key	FS1465 (T15IP)

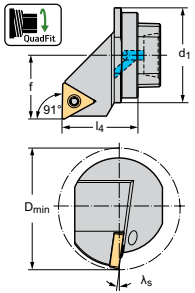
Replaceable head – screw clamping

Q...-STFC mm

Walter Turn

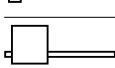
- QuadFit
- For Accuretec boring bars



Tool			d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
	Designation								
	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

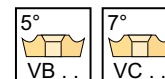
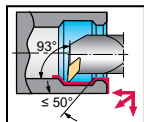
Assembly parts		TC ... 1102 ..	TC ... 16T3 ..
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm
	Shim		AP317-TC1612
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Replaceable head – screw clamping

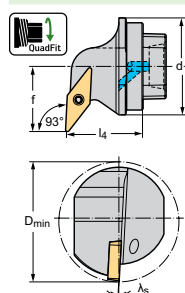
Q...-SVUB mm

Walter Turn

- QuadFit
- For Accure-tec boring bars



Tool



Designation

 d_1 D_{min}
mm f
mm l_4
mm γ λ_s

Type

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 catalogue 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)

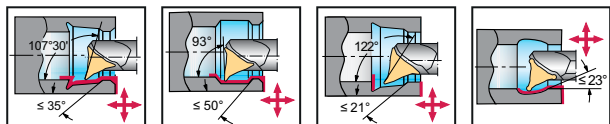
Replaceable head – Copy turning system

W1211-Q...

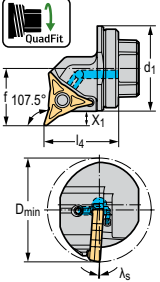
Walter Turn



- Double internal coolant supply
- Additional coolant hole for blind hole machining



Tool

	Designation		d ₁	D _{min} mm	f mm	l ₄ mm	γ	λ _s	Type
	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type d ₁	WL25.. Q32–Q50
	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

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 [mm]	0,5–3,25	2,8	0,8–5,0	1,57–5,0	
a _p [mm]					
f [mm]	0,02–0,15	0,05–0,12	0,02–0,25	0,04–0,25	
Page in catalogue	376	379	377	380	381

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 [mm]			3,35–5,65	1,5–4,0	1,0–3,0
a _p [mm]					
f [mm]				0,04–0,22	0,03–0,23
Page in catalogue	381	380	381	382	382

QR code


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AG60

ISO

-X-N

CK8

CF6

WALTER SELECT

●● Primary application ● Other application

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 [mm]	1,0–1,4	2,0–4,0	1,6–4,25	2,0–4,0	1,0–3,0
a _p [mm]			0,1–2,2	0,3–2,2	
f [mm]	0,05–0,10	0,04–0,25	0,05–0,30	0,05–0,30	0,03–0,25
Page in catalogue	385	384	385	386	377
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 [mm]	2,0–4,0	2,0–4,0	3,0	2,0–4,0	1,2–3,0
a _p [mm]		0,1–2,8	0,1–1,5	0,1–2,0	
f [mm]	0,04–0,27	0,09–0,27	0,08–0,32	0,08–0,48	0,03–0,27
Page in catalogue	384	386	387	387	383
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	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 [mm]	2,0–4,0	2,0–4,0	2,0–3,0	3,0–4,0	3,0
a _p [mm]	0,3–2,8	0,3–2,8	0,2–1,5		
f [mm]	0,09–0,27	0,08–0,38	0,08–0,35	0,08–0,22	0,06–0,26
Page in catalogue	391	386	387	388	388

QR code


www.walter-tools.com/woc/

UD4

UA4

RD4

CK8

CF6

System	GD				
Machining	Low feed			Medium feed	
					
Geometry	GD3	UF8	VG7	CF5	GD6
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 [mm]	3,0–6,0	3,0–6,0	2,5	2,5–6,0	3,0–6,0
a _p [mm]		0,1–3,0	0,2–2,5		
f [mm]	0,06–0,38	0,08–0,36	0,05–0,25	0,06–0,38	0,08–0,40
Page in catalogue	384	390	393	388	389

QR code


www.walter-tools.com/woc/

GD3

UF8

VG7

CF5

GD6

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	GD				
Machining	Medium feed				High feed
	NEW	NEW			
					
Geometry	UE6	UF4	RF8	RE6	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 [mm]	3,0–6,0	3,0–6,35	3,0–6,0	3,0–6,0	2,5–6,0
a _p [mm]	0,2–3,2	0,1–3,5	0,1–3,0	0,1–3,0	
f [mm]	0,09–0,38	0,09–0,40	0,08–0,65	0,08–0,68	0,07–0,40
Page in catalogue	390	390	392	392	388

QR code


www.walter-tools.com/woc/

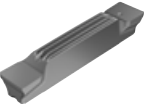
UE6

UF4

RF8

RE6

CE4

System	GD				GX
Machining	High feed				Low feed
			NEW		
					
Geometry	UD4	UA4	RD4	.X..N	CK8
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 [mm]	3,0–6,0	3,0–6,0	3,0–6,35	4,3–8,0	2,0–4,0
a _p [mm]	0,4–3,5	0,4–3,5	0,5–3,2		
f [mm]	0,09–0,40	0,10–0,40	0,10–0,70		0,04–0,22
Page in catalogue	386	386	392	393	394

QR code


www.walter-tools.com/woc/

UD4

UA4

RD4

-X-N

CK8

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	GX				
Machining	Low feed				
					
Geometry	CF6	GD8	GD3	UF8	VG7
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 [mm]	1,5–3,0	1,0–1,4	2,0–6,0	1,6–6,0	2,8
a _p [mm]				0,3–3,2	0,2–2,5
f [mm]	0,03–0,23	0,05–0,10	0,04–0,28	0,05–0,35	0,05–0,25
Page in catalogue	394	397	396	399	402

QR code


www.walter-tools.com/woc/

CF6

GD8

GD3

UF8

VG7

System	GX				
Machining	Low feed			Medium feed	
					
Geometry	RK8	TM-1	EM-1	CF5	GD6
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 [mm]	6,0	3,0–6,0	3,0–6,0	2,0–5,0	2,0–6,0
a _p [mm]	0,1–4,0	0,05–3,0	0,05–3,0		
f [mm]	0,10–0,60	0,02–0,15	0,10–0,30	0,03–0,25	0,04–0,30
Page in catalogue	402	398	398	394	396

QR code


www.walter-tools.com/woc/

RK8

TM-1

EM-1

CF5

GD6

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	GX				
Machining	Medium feed				
					
Geometry	UD6	UF4	RF8	RF7	FS-M1
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 [mm]	2,0–6,0	2,0–8,0	2,0–8,0	3,0–5,0	2,0–6,0
a _p [mm]	0,3–3,5	0,3–4,0	0,1–4,0	0,1–2,5	0,1–3,0
f [mm]	0,06–0,35	0,10–0,55	0,05–0,60	0,10–0,53	0,05–0,50
Page in catalogue	400	400	403	403	404
QR code					
www.walter-tools.com/woc/	UD6	UF4	RF8	RF7	FS-M1

System	GX				
Machining	Medium feed	High feed			
					
Geometry	FS-F1	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 [mm]	2,0–6,0	2,0–6,0	2,0–8,0	2,0–6,0	2,0–8,0
a _p [mm]			0,3–4,0	0,3–3,5	0,2–4,0
f [mm]	0,04–0,28	0,04–0,40	0,10–0,40	0,08–0,40	0,08–0,80
Page in catalogue	398	395	401	401	403
QR code					
www.walter-tools.com/woc/	FS-F1	CE4	UD4	UA4	RD4

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

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 [mm]	4,8–8,3	2,0–5,0	2,0–3,0	1,5–4,0	1,5–6,0
a _p [mm]					
f [mm]		0,04–0,25	0,03–0,23	0,03–0,20	0,03–0,30
Page in catalogue	405	406	406	407	406

QR code


www.walter-tools.com/woc/

-X-N

CK8

CF6

SK8

CF5

System	SX				UX
Machining	Medium feed			High feed	Medium feed
					
Geometry	UF4	SF5	SE6	CE4	GD2
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 [mm]	8,0	1,5–5,0	5,0	1,5–10,0	12,0–19,0
a _p [mm]	0,9–4,0				
f [mm]	0,18–0,55	0,03–0,25	0,10–0,25	0,03–0,60	0,20–0,60
Page in catalogue	407	407	406	406	408

QR code


www.walter-tools.com/woc/

UF4

SF5

SE6

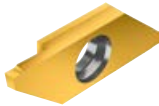
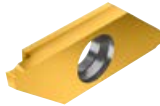
CE4

GD2

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	WT				
Machining	Low feed				
					
Geometry	CD8	GD8	DG8	UA8	VG8
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 [mm]	0,7–2,0	0,5–2,5	3,0	1,0–2,5	3,0
a _p [mm]			0,1–3,0	0,1–3,0	0,1–3,0
f [mm]	0,02–0,14	0,02–0,16	0,02–0,16	0,02–0,16	0,02–0,16
Page in catalogue	409	410	411	411	412
QR code					
www.walter-tools.com/woc/	CD8	GD8	DG8	UA8	VG8

System	WT			
Machining	Low feed			
				
Geometry	RA8	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 [mm]	1,25–1,6			3,0
a _p [mm]	0,05–0,8			
f [mm]	0,02–0,14			
Page in catalogue	412	413	413	414
QR code				
www.walter-tools.com/woc/	RA8	AG60	ISO	-X-N

Cutting inserts

System	WE..-G	WE..-GR	WE..-GP	WE..-T	WE..-T..X
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 [mm]	0,7–3,18	0,8–3,0	1,0		
a _p [mm]		0,1–1,5		0,05–0,3	0,05–0,3
f [mm]	0,01–0,04	0,01–0,04	0,01–0,04	0,02–0,14	0,02–0,10
Page in catalogue	415	419	420	425	426

QR code


www.walter-tools.com/woc/

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 [mm]			1,0–3,0	1,5–3,0	1,0–3,0
a _p [mm]	0,05	0,05			
f [mm]	0,02–0,10	0,02–0,10	0,01–0,04	0,01–0,04	0,01–0,04
Page in catalogue	428	429	421	423	422

QR code


www.walter-tools.com/woc/

C

B

A

AR

AC

WALTER SELECT

●● Primary application ● Other application

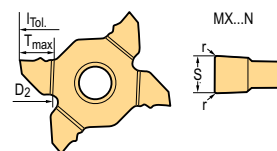
Cutting inserts

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 [mm]	1,5–3,0	
a _p [mm]		
f [mm]	0,01–0,04	
Page in catalogue	424	430
QR code		
www.walter-tools.com/woc/	AD	I

Grooving and parting off – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	l _{Tol} mm	P		M		S	
								HC		HC		HC	
								WSM23G	WSM33G	WSM23G	WSM33G	WSM23G	WSM33G
 MX22-2E050N01-GD8	0,5	0,05	2,5		0,02–0,04	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E100N01-GD8	1	0,1	3,5	130	0,03–0,06	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E150N01-GD8	1,5	0,1	5	130	0,03–0,09	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E170N02-GD8	1,7	0,2	3		0,03–0,10	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E200N02-GD8	2	0,2	6	100	0,04–0,10	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E224N02-GD8	2,24	0,2	6	100	0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E300N02-GD8	3	0,2	6	100	0,04–0,14	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E318N02-GD8	3,18	0,2	6	100	0,04–0,14	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-2E325N02-GD8	3,25	0,2	6	100	0,04–0,15	±0,02	±0,03	☺	☺	☺	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

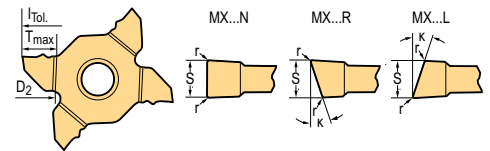
Ordering example for the grade WSM23G: MX22-2E050N01-GD8 WSM23G

HC = Coated carbide

Grooving and parting off – cutting inserts

MX

Tiger-tec® Gold



A2

Cutting inserts

	Designation	s mm	r mm	K	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	h _{Tol} mm	P			M			S		
										HC			HC			HC		
										WSM13G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G
	MX22-2E080N01-CF5	0,8	0,1		1,6	130	0,02–0,05	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E100N01-CF5	1	0,1		3,5	130	0,03–0,07	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E104N01-CF5	1,04	0,1		2		0,03–0,07	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E120N01-CF5	1,2	0,1		2		0,03–0,08	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E140N01-CF5	1,4	0,1		2		0,03–0,09	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E147N01-CF5	1,47	0,1		2,5		0,03–0,09	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E150N01-CF5	1,5	0,1		5	130	0,03–0,10	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E157N02-CF5	1,57	0,2		3		0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E170N02-CF5	1,7	0,2		3		0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E185N02-CF5	1,85	0,2		3		0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E196N02-CF5	1,96	0,2		3		0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E200N02-CF5	2	0,2		6	100	0,04–0,14	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E224N02-CF5	2,24	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E239N02-CF5	2,39	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E250N02-CF5	2,5	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E275N02-CF5	2,75	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E300N02-CF5	3	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E318N02-CF5	3,18	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E325N02-CF5	3,25	0,2		6	100	0,04–0,16	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-4E400N02-CF5	4	0,2		6	100	0,10–0,20	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-4E400N04-CF5	4	0,4		6	100	0,10–0,20	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-4E425N02-CF5	4,25	0,2		6	100	0,10–0,20	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-4E480N06-CF5	4,8	0,6		6	100	0,10–0,25	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-4E500N02-CF5	5	0,2		6	100	0,10–0,25	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-4E500N04-CF5	5	0,4		6	100	0,10–0,25	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E100R10-CF5	1	0,05	10	3,5	130	0,02–0,04	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E150R10-CF5	1,5	0,05	10	5	130	0,03–0,06	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E200R6-CF5	2	0,1	6	6	100	0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E080L5-CF5	0,8	0,05	5	1,6	130	0,02–0,04	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E100L10-CF5	1	0,05	10	3,5	130	0,02–0,04	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E150L10-CF5	1,5	0,05	10	5	130	0,03–0,06	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺
	MX22-2E200L6-CF5	2	0,1	6	6	100	0,04–0,12	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺

h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WSM23G: MX22-2E080N01-CF5 WSM23G

HC = Coated carbide

WALTER SELECT

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

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

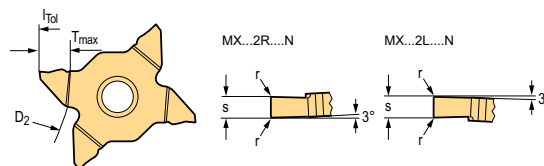
Single-, double- and multi-edged cutting inserts

377

Grooving and parting off 3° – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	S
									HC	HC	HC
	MX22-2R150N01-GD8	1.5	0.1	5	130	0.03–0.06	±0.02	±0.03	WSM23G	WSM23G	WSM23G
	MX22-2R200N02-GD8	2	0.2	5	100	0.04–0.10	±0.02	±0.03	WSM23G	WSM23G	WSM23G
	MX22-2R300N02-GD8	3	0.2	5	100	0.05–0.14	±0.02	±0.03	WSM23G	WSM23G	WSM23G
	MX22-2L150N01-GD8	1.5	0.1	5	130	0.03–0.06	±0.02	±0.03	WSM23G	WSM23G	WSM23G
	MX22-2L200N02-GD8	2	0.2	5	100	0.04–0.10	±0.02	±0.03	WSM23G	WSM23G	WSM23G
	MX22-2L300N02-GD8	3	0.2	5	100	0.04–0.14	±0.02	±0.03	WSM23G	WSM23G	WSM23G

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

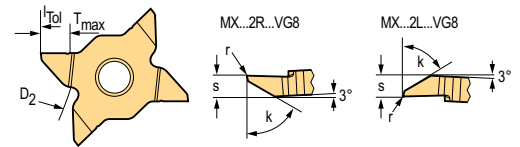
Ordering example for the grade WSM23G: MX22-2R150N01-GD8 WSM23G

HC = Coated carbide

Grooving and recessing 3° – Cutting inserts

MX

Tiger-tec® Gold



A2

Cutting inserts

Designation	s mm	r mm	κ	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	l _{Tol} mm	P HC	M HC	S HC
									WSM23G	WSM23G	WSM23G
 MX22-2R280R01-VG8	2,8	0,05	60	5,5	100	0,05–0,12	±0,02	±0,03	☺	☺	☺
 MX22-2L280L01-VG8	2,8	0,05	60	5,5	100	0,05–0,12	±0,02	±0,03	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

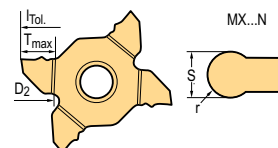
Ordering example for the grade WSM23G: MX22-2R280R01-VG8 WSM23G

HC = Coated carbide

Grooving and copy turning – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	S
								HC	HC	HC
								WSM23G	WSM13G	WSM23G
 MX22-2E157N08-RF5	1,57	0,79	3	130	0,04–0,12	±0,02	±0,03	☺	☺	☺
MX22-2E200N10-RF5	2	1	6	100	0,04–0,14	±0,02	±0,03	☺	☺	☺
MX22-2E239N12-RF5	2,39	1,2	6	100	0,04–0,18	±0,02	±0,03	☺	☺	☺
MX22-2E300N15-RF5	3	1,5	6	100	0,04–0,20	±0,02	±0,03	☺	☺	☺
MX22-2E318N16-RF5	3,18	1,59	6	100	0,04–0,20	±0,02	±0,03	☺	☺	☺
MX22-4E400N20-RF5	4	2	6	100	0,06–0,22	±0,02	±0,03	☺	☺	☺
MX22-4E500N25-RF5	5	2,5	6	100	0,06–0,25	±0,02	±0,03	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

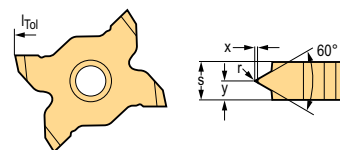
Ordering example for the grade WSM23G: MX22-2E157N08-RF5 WSM23G

HC = Coated carbide

External thread – Full profile – Cutting inserts

MX

Tiger-tec® Gold



Indexable inserts

Designation	TP mm	s mm	r mm	X mm	Y mm	P	M	S
						HC	HC	HC
						WSM23G	WSM23G	WSM23G
 MX22-2E-EN1.00ISO	1	3,35	0,13	0,13	1,68	☺	☺	☺
MX22-2E-EN1.50ISO	1,5	3,35	0,19	0,19	1,68	☺	☺	☺
MX22-2E-EN2.00ISO	2	3,35	0,25	0,25	1,68	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

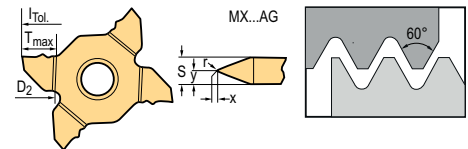
Ordering example for the grade WSM23G: MX22-2E-EN1.00ISO WSM23G

HC = Coated carbide

External thread – 60° partial profile – cutting inserts

MX

Tiger-tec® Gold



A2

Indexable inserts

Designation	TP mm	TPI [Threads/inch]	s mm	r mm	X mm	Y mm	P	M	S
							HC	HC	HC
							WSM23G	WSM33G	WSM23G
MX22-2E-EN-A60	0,5–1,5	48–16	3,35	0,05	0,05	1,68	☺	☺	☺
MX22-4E-EN-A60	0,5–3	48–8	5,65	0,08	0,08	2,83	☺	☺	☺



l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

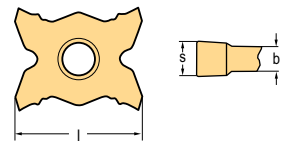
Radius tolerance r_{Tol} = ± 0.05 mm

Ordering example for the grade WSM23G: MX22-2E-EN-A60 WSM23G

HC = Coated carbide

Semi-finished blanks for special shapes

MX



Cutting inserts

Designation	s mm	l mm	P	M	S
			HF	HF	HF
			WMG30	WMG30	WMG30
MX22-2E335N	3,35	23,2	☺	☺	☺
MX22-4E565N	5,65	23,2	☺	☺	☺



Grade WMG30 has the ISO application ranges P20, M20, S20

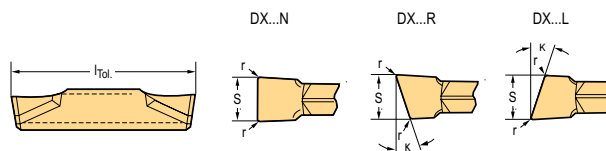
Ordering example for the grade WMG30: MX22-2E335N WMG30

HF = Uncoated fine-grained carbide

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P					M			K			N	S				
									HC					HC			HC			HC	HF	HC			
									WSM13G	WKP23G	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23G	WSM23G	WSM33G	WN13	WSM13G	WSM23G	WSM33G	WSM43G
	DX18-1E150N01-CK8	1,5	0,15		18	0,04–0,10	±0,02	±0,15												☺					
	DX18-2E200N02-CK8	2	0,2		18	0,04–0,12	±0,02	±0,15												☺					
	DX18-3E300N02-CK8	3	0,2		18	0,08–0,20	±0,02	±0,15												☺					
	DX18-4E400N02-CK8	4	0,2		18	0,10–0,22	±0,02	±0,15												☺					
	DX18-2E200R7-CK8	2	0	7	18	0,04–0,10	±0,02	±0,15												☺					
	DX18-2E200L7-CK8	2	0	7	18	0,04–0,10	±0,02	±0,15												☺					
	DX18-1E100N01-CF6	1	0,1		18	0,03–0,10	±0,05	±0,15				☹				☹								☹	
	DX18-1E150N01-CF6	1,5	0,15		18	0,03–0,12	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-2E200N02-CF6	2	0,2		18	0,03–0,14	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-2E250N02-CF6	2,5	0,2		18	0,03–0,18	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-3E300N02-CF6	3	0,2		18	0,06–0,23	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-1E150R10-CF6	1,5	0	10	18	0,03–0,12	±0,05	±0,15				☹				☹							☹		
	DX18-2E200R6-CF6	2	0,2	6	18	0,03–0,14	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-2E250R6-CF6	2,5	0,2	6	18	0,03–0,18	±0,05	±0,15				☹				☹							☹		
	DX18-3E300R6-CF6	3	0,2	6	18	0,06–0,20	±0,05	±0,15				☹				☹							☹		
	DX18-2E200R15-CF6	2	0	15	18,3	0,03–0,14	±0,05	±0,15				☹				☹							☹		
	DX18-3E300R15-CF6	3	0	15	18,8	0,04–0,23	±0,05	±0,15				☹				☹							☹		
	DX18-1E150L10-CF6	1,5	0	10	18	0,03–0,12	±0,05	±0,15				☹				☹							☹		
	DX18-2E200L6-CF6	2	0,2	6	18	0,03–0,14	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-2E250L6-CF6	2,5	0,2	6	18	0,03–0,18	±0,05	±0,15				☹				☹							☹		
	DX18-3E300L6-CF6	3	0,2	6	18	0,06–0,20	±0,05	±0,15				☹				☹							☹		
	DX18-2E200L15-CF6	2	0	15	18,3	0,03–0,14	±0,05	±0,15				☹				☹							☹		
	DX18-1E100N01-CF5	1	0,1		18	0,03–0,10	±0,05	±0,15				☹				☹							☹		
	DX18-1E150N01-CF5	1,5	0,15		18	0,03–0,12	±0,05	±0,15				☹	☹	☹		☹	☹	☹					☹	☹	
	DX18-2E200N00-CF5	2	0		18	0,03–0,12	±0,05	±0,15				☹				☹							☹		
	DX18-2E200N02-CF5	2	0,2		18	0,04–0,14	±0,05	±0,15	☹		☹	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹		
	DX18-2E250N02-CF5	2,5	0,2		18	0,06–0,19	±0,05	±0,15				☹	☹			☹	☹						☹	☹	
	DX18-3E300N02-CF5	3	0,2		18	0,06–0,25	±0,05	±0,15	☹		☹	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹		

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

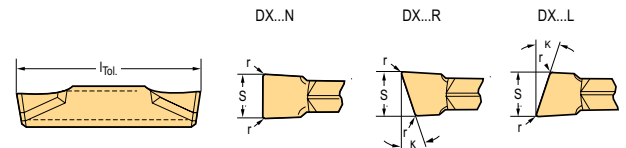
WALTER SELECT

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

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



A2

Cutting inserts

	Designation	s mm	r mm	K	l mm	f mm	S _{Tol} mm	h _{Tol} mm	P				M			K		N	S					
									HC				HC			HC		HF	HC					
									WSM13G	WKP23G	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23G	WSM23G	WSM33G	WN13	WSM13G	WSM23G	WSM33G
	DX18-1E150R10-CF5	1,5	0	10	18	0,03–0,06	±0,05	±0,15				⊕			⊕								⊕	
	DX18-2E200R6-CF5	2	0,2	6	18	0,03–0,12	±0,05	±0,15				⊕	⊗			⊕	⊗						⊕	⊗
	DX18-2E200R7-CF5	2	0	7	18	0,03–0,12	±0,05	±0,15			⊕	⊕			⊕	⊕						⊕	⊕	
	DX18-2E200R15-CF5	2	0	15	18	0,03–0,12	±0,05	±0,15				⊕				⊕							⊕	
	DX18-2E250R6-CF5	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300R6-CF5	3	0,2	6	18	0,06–0,22	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300R7-CF5	3	0	7	18,8	0,04–0,16	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300R15-CF5	3	0	15	18,8	0,04–0,16	±0,05	±0,15				⊕				⊕							⊕	
	DX18-1E150L10-CF5	1,5	0	10	18	0,03–0,06	±0,05	±0,15				⊕				⊕							⊕	
	DX18-2E200L6-CF5	2	0,2	6	18	0,03–0,12	±0,05	±0,15				⊕	⊗			⊕	⊗						⊕	⊗
	DX18-2E200L7-CF5	2	0	7	18	0,03–0,12	±0,05	±0,15			⊕	⊕			⊕	⊕							⊕	
	DX18-2E200L15-CF5	2	0	15	18	0,03–0,12	±0,05	±0,15				⊕				⊕							⊕	
	DX18-2E250L6-CF5	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300L6-CF5	3	0,2	6	18	0,06–0,22	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300L7-CF5	3	0	7	18,8	0,04–0,16	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300L15-CF5	3	0	15	18,8	0,04–0,16	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3F300N02-CF5	3	0,2		18	0,06–0,25	±0,05	±0,15				⊕				⊕							⊕	
	DX18-1E120N01-CE4	1,2	0,15		18	0,04–0,13	±0,05	±0,15				⊕				⊕							⊕	
	DX18-1E150N01-CE4	1,5	0,15		18	0,03–0,12	±0,05	±0,15				⊕	⊗			⊕	⊗						⊕	⊗
	DX18-2E200N02-CE4	2	0,2		18	0,06–0,17	±0,05	±0,15		⊕	⊕	⊕	⊗		⊕	⊕	⊕	⊕	⊕			⊕	⊕	⊗
	DX18-2E250N02-CE4	2,5	0,2		18	0,07–0,22	±0,05	±0,15		⊕	⊕	⊕	⊗		⊕	⊕	⊕	⊕	⊕			⊕	⊕	⊗
	DX18-3E300N02-CE4	3	0,2		18	0,08–0,27	±0,05	±0,15		⊕	⊕	⊕	⊗		⊕	⊕	⊕	⊕	⊕			⊕	⊕	⊗
	DX18-2E200R6-CE4	2	0,2	6	18	0,04–0,12	±0,05	±0,15				⊕	⊗			⊕	⊗						⊕	⊗
	DX18-2E250R6-CE4	2,5	0,2	6	18	0,05–0,15	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300R6-CE4	3	0,2	6	18	0,08–0,23	±0,05	±0,15				⊕				⊕							⊕	
	DX18-2E200L6-CE4	2	0,2	6	18	0,04–0,12	±0,05	±0,15				⊕	⊗			⊕	⊗						⊕	⊗
	DX18-2E250L6-CE4	2,5	0,2	6	18	0,05–0,15	±0,05	±0,15				⊕				⊕							⊕	
	DX18-3E300L6-CE4	3	0,2	6	18	0,08–0,23	±0,05	±0,15				⊕				⊕							⊕	

h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius 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

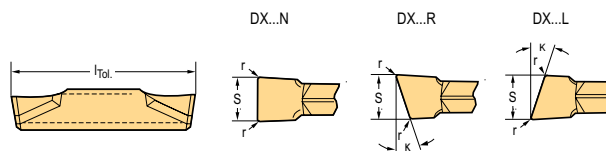
Single-, double- and multi-edged cutting inserts

383

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P					M			K			N	S				
									HC					HC			HC			HF	HC				
									WSM13G	WKP23G	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23G	WSM23G	WSM33G	WN13	WSM13G	WSM23G	WSM33G	WSM43G
	DX18-3F300N02-CE4	3	0.2		18	0.08–0.27	±0.05	±0.15				☹			☹				☹					☹	
	DX18-2E200N02-GD6	2	0.2		18	0.04–0.14	±0.05	±0.15			☹	☹			☹	☹							☹	☹	
	DX18-2E250N02-GD6	2.5	0.2		18	0.06–0.20	±0.05	±0.15			☹	☹			☹	☹							☹	☹	
	DX18-3E300N03-GD6	3	0.3		18	0.08–0.22	±0.05	±0.15			☹	☹			☹	☹							☹	☹	
	DX18-4E400N04-GD6	4	0.4		18.5	0.09–0.27	±0.05	±0.15			☹	☹			☹	☹							☹	☹	
	DX18-2E200N02-GD3	2	0.2		18	0.04–0.15	±0.05	±0.15		☹		☹	☹			☹	☹	☹	☹					☹	☹
	DX18-2E250N02-GD3	2.5	0.2		18	0.04–0.17	±0.05	±0.15		☹		☹				☹		☹	☹					☹	
	DX18-3E300N03-GD3	3	0.3		18	0.06–0.20	±0.05	±0.15		☹		☹				☹		☹	☹					☹	
	DX18-4E400N04-GD3	4	0.4		18.5	0.08–0.25	±0.05	±0.15		☹		☹				☹		☹	☹					☹	

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

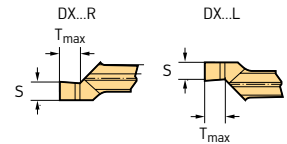
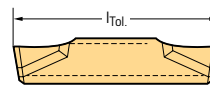
HC = Coated carbide

HF = Uncoated fine-grained carbide

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	T _{max} mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	S
									HC	HC	HC
	DX18-2E100R00-GD8	1	0	1,5	18	0,05–0,10	±0,05	±0,15	WSM23G	WSM23G	WSM23G
	DX18-2E120R00-GD8	1,2	0	1,5	18	0,05–0,10	±0,05	±0,15	WSM23G	WSM23G	WSM23G
	DX18-2E140R00-GD8	1,4	0	1,5	18	0,05–0,10	±0,05	±0,15	WSM23G	WSM23G	WSM23G
	DX18-2E100L00-GD8	1	0	1,5	18	0,05–0,10	±0,05	±0,15	WSM23G	WSM23G	WSM23G
	DX18-2E120L00-GD8	1,2	0	1,5	18	0,05–0,10	±0,05	±0,15	WSM23G	WSM23G	WSM23G
	DX18-2E140L00-GD8	1,4	0	1,5	18	0,05–0,10	±0,05	±0,15	WSM23G	WSM23G	WSM23G

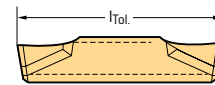
Ordering example for the grade WSM23G: DX18-2E100R00-GD8 WSM23G

HC = Coated carbide

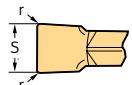
Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold



DX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P						M				K				S				H	
									HC						HC				HC				HC				HC	
									WKP13G	WSM13G	WKP23G	WSM23G	WKP33G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G	WKP23G	WKP33G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G	WSM43G
	DX18-1E160N01-UF8	1,6	0,1	18	0,05–0,17	0,3–1,0	±0,02	±0,15				☺					☺								☺			
	DX18-1E170N01-UF8	1,7	0,1	18	0,05–0,17	0,3–1,0	±0,02	±0,15				☺					☺								☺			
	DX18-1E185N01-UF8	1,85	0,1	18	0,05–0,22	0,3–1,0	±0,02	±0,15				☺					☺								☺			
	DX18-1E196N01-UF8	1,96	0,1	18	0,05–0,22	0,3–1,2	±0,02	±0,15				☺					☺								☺			
	DX18-2E200N02-UF8	2	0,2	18	0,05–0,22	0,3–1,2	±0,02	±0,15				☺					☺								☺			
	DX18-2E225N01-UF8	2,25	0,1	18	0,05–0,22	0,3–1,3	±0,02	±0,15				☺					☺								☺			
	DX18-2E275N01-UF8	2,75	0,1	18	0,06–0,22	0,3–1,3	±0,02	±0,15				☺					☺								☺			
	DX18-3E300N02-UF8	3	0,2	18	0,08–0,22	0,1–1,5	±0,02	±0,15				☺					☺								☺			
	DX18-3E318N02-UF8	3,18	0,2	18	0,08–0,22	0,1–1,8	±0,02	±0,15				☺					☺								☺			
	DX18-3E325N01-UF8	3,25	0,1	18	0,07–0,24	0,4–1,6	±0,02	±0,15				☺					☺								☺			
	DX18-4E400N04-UF8	4	0,4	18	0,10–0,23	0,2–2,0	±0,02	±0,15				☺					☺								☺			
	DX18-4E425N02-UF8	4,25	0,2	18	0,09–0,30	0,5–2,2	±0,02	±0,15				☺					☺								☺			

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 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

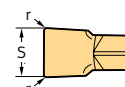
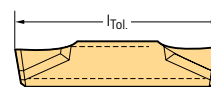
385

Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold

DX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P					M				K				S				H
									HC					HC				HC				HC				HC
									WKP13G	WSM13G	WKP23G	WSM23G	WKP33G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G	WKP23G	WKP33G	WSM23G	WSM33G	WSM43G	WKP13G
	DX18-2E200N02-UF7	2	0,2	18	0,05–0,22	0,3–1,2	±0,05	±0,15				☺	☺	☺		☺	☺						☺	☺		
	DX18-3E300N02-UF7	3	0,2	18	0,07–0,24	0,4–1,5	±0,05	±0,15				☺	☺	☺		☺	☺						☺	☺		
	DX18-4E400N02-UF7	4	0,2	18	0,09–0,30	0,3–2,2	±0,05	±0,15				☺				☺							☺			
	DX18-2E200N02-UF4	2	0,2	18	0,10–0,18	0,3–1,2	±0,05	±0,15	☺	☺	☺		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺	
	DX18-2E239N02-UF4	2,39	0,2	18	0,10–0,15	0,3–0,0	±0,05	±0,15					☺			☺				☺		☺		☺		
	DX18-2E250N02-UF4	2,5	0,2	18	0,10–0,21	0,3–1,3	±0,05	±0,15		☺	☺		☺			☺	☺		☺	☺	☺	☺	☺	☺	☺	
	DX18-3E300N03-UF4	3	0,3	18	0,09–0,23	0,2–2,0	±0,05	±0,15	☺	☺	☺		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺	
	DX18-4E400N02-UF4	4	0,2	18,5	0,09–0,27	0,1–2,8	±0,05	±0,15					☺			☺						☺		☺		
	DX18-4E400N04-UF4	4	0,4	18,5	0,09–0,27	0,2–2,8	±0,05	±0,15	☺	☺	☺		☺			☺	☺		☺	☺	☺	☺	☺	☺	☺	
	DX18-4E400N08-UF4	4	0,8	18,5	0,10–0,27	0,4–2,8	±0,05	±0,15		☺			☺			☺				☺		☺		☺		
	DX18-4F400N04-UF4	4	0,4	18,5	0,09–0,27	0,2–2,8	±0,05	±0,15					☺			☺						☺		☺		
	DX18-2E200N02-UD4	2	0,2	18	0,10–0,18	0,3–1,2	±0,05	±0,15		☺			☺			☺			☺		☺		☺			
	DX18-3E300N03-UD4	3	0,3	18	0,09–0,23	0,4–2,0	±0,05	±0,15		☺			☺			☺			☺		☺		☺			
	DX18-4E400N04-UD4	4	0,4	18,5	0,09–0,27	0,5–2,8	±0,05	±0,15		☺			☺			☺			☺		☺		☺			
	DX18-4E400N08-UD4	4	0,8	18,5	0,10–0,27	0,9–2,8	±0,05	±0,15		☺			☺			☺			☺		☺		☺			
	DX18-2E200N02-UA4	2	0,2	18	0,08–0,18	0,3–1,2	±0,05	±0,15	☺										☺							☺
	DX18-3E300N03-UA4	3	0,3	18	0,10–0,23	0,4–2,0	±0,05	±0,15	☺			☺							☺	☺						☺
	DX18-4E400N04-UA4	4	0,4	18	0,14–0,27	0,5–2,8	±0,05	±0,15	☺			☺							☺	☺						☺
	DX18-4E400N08-UA4	4	0,8	18,5	0,10–0,38	0,9–2,8	±0,05	±0,15	☺			☺							☺	☺						☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

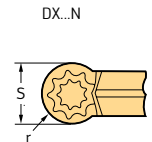
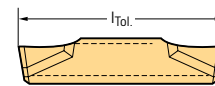
Ordering example for the grade WSM23G: DX18-1E160N01-UF8 WSM23G

HC = Coated carbide

Grooving and copy turning – cutting inserts

DX

Tiger-tec® Gold



A2

Cutting inserts

Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M			K			S		
								HC				HC			HC			HC		
								WSM13G	WKP23G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G	WKP23G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G
 DX18-3E300N15-RF8	3	1,5	18	0,08–0,32	0,1–1,5	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺
 DX18-2E200N10-RF7	2	1	18,3	0,08–0,26	0,1–1,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺
DX18-3E300N15-RF7	3	1,5	18,3	0,10–0,33	0,1–1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺
DX18-4E400N20-RF7	4	2	18,5	0,12–0,48	0,1–2,0	±0,05	±0,15			☺	☺	☺	☺	☺				☺	☺	☺
 DX18-2E200N10-RD4	2	1	18,3	0,08–0,28	0,2–1,0	±0,05	±0,15		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
DX18-2E239N12-RD4	2,39	1,2	18,3	0,08–0,25	0,2–1,0	±0,05	±0,15		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
DX18-3E300N15-RD4	3	1,5	18,3	0,10–0,35	0,5–1,5	±0,05	±0,15		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm

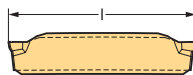
HC = Coated carbide

Ordering example for the grade WSM13G: DX18-3E300N15-RF8 WSM13G

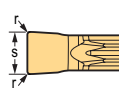
Grooving and parting off – cutting inserts

GD

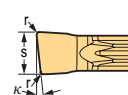
Tiger-tec® Gold



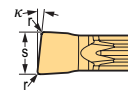
GD...N



GD...R



GD...L



Cutting inserts

	Designation	s mm	r mm	K	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P HC					M HC			K HC			N HF	S HC			
									WSM13G	WKP23G	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23G	WSM23G	WSM33G	WN13	WSM13G	WSM23G	WSM33G
	GD26-3E300N02-CK8	3	0,2		26,5	0,08–0,20	±0,02	±0,03												☹				
	GD26-4E400N02-CK8	4	0,2		26,5	0,10–0,22	±0,02	±0,03												☹				
	GD26-3E300N02-CF6	3	0,2		26,5	0,06–0,26	±0,05	±0,15				☹	☹			☹	☹						☹	☹
	GD26-3E300R6-CF6	3	0,2	6	26,5	0,06–0,23	±0,05	±0,15				☹	☹			☹	☹						☹	☹
	GD26-3E300L6-CF6	3	0,2	6	26,5	0,06–0,23	±0,05	±0,15				☹				☹							☹	
	GD26-3F300N02-CF6	3	0,2		26,5	0,06–0,26	±0,05	±0,15				☹				☹							☹	
	GD26-2E250N02-CF5	2,5	0,2		26,5	0,06–0,22	±0,05	±0,15				☹				☹							☹	
	GD26-3E300N00-CF5	3	0		26,5	0,07–0,26	±0,02	±0,03				☹				☹							☹	
	GD26-3E300N02-CF5	3	0,2		26,5	0,06–0,28	±0,05	±0,15	☹	☹	☹	☹	☹	☹	☹	☹				☹	☹	☹	☹	
	GD26-4E400N02-CF5	4	0,2		26,5	0,08–0,30	±0,05	±0,15	☹	☹	☹	☹	☹	☹	☹	☹				☹	☹	☹	☹	
	GD26-5E500N03-CF5	5	0,3		26,5	0,10–0,35	±0,05	±0,15	☹	☹	☹	☹	☹	☹	☹	☹				☹	☹	☹	☹	
	GD26-6E600N03-CF5	6	0,3		26,5	0,10–0,38	±0,05	±0,15		☹	☹	☹		☹	☹						☹	☹		☹
	GD26-3E300R6-CF5	3	0,2	6	26,5	0,06–0,25	±0,05	±0,15				☹	☹			☹	☹						☹	☹
	GD26-4E400R6-CF5	4	0,2	6	26,5	0,08–0,28	±0,05	±0,15				☹				☹							☹	
	GD26-3E300L6-CF5	3	0,2	6	26,5	0,06–0,25	±0,05	±0,15				☹	☹			☹	☹						☹	☹
	GD26-4E400L6-CF5	4	0,2	6	26,5	0,08–0,28	±0,05	±0,15				☹				☹							☹	
	GD26-3F300N02-CF5	3	0,2		26,2	0,06–0,28	±0,05	±0,15				☹	☹			☹	☹						☹	☹
	GD26-4F400N02-CF5	4	0,2		26,5	0,08–0,30	±0,05	±0,15				☹				☹							☹	
	GD26-5F500N03-CF5	5	0,3		26,2	0,10–0,35	±0,05	±0,15				☹				☹							☹	
	GD26-2E250N02-CE4	2,5	0,2		26,5	0,07–0,25	±0,05	±0,15				☹				☹			☹				☹	
	GD26-3E300N02-CE4	3	0,2		26,5	0,08–0,30	±0,05	±0,15		☹	☹	☹	☹		☹	☹	☹	☹	☹			☹	☹	☹
	GD26-4E400N03-CE4	4	0,3		26,5	0,10–0,32	±0,05	±0,15		☹	☹	☹	☹		☹	☹	☹	☹	☹			☹	☹	☹
	GD26-5E500N03-CE4	5	0,3		26,5	0,12–0,38	±0,05	±0,15		☹		☹	☹		☹	☹	☹	☹	☹				☹	☹
	GD26-6E600N03-CE4	6	0,3		26,5	0,12–0,40	±0,05	±0,15		☹		☹	☹		☹	☹	☹	☹	☹				☹	☹

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: GD26-3E300N02-CK8 WN13

HC = Coated carbide

HF = Uncoated fine-grained carbide

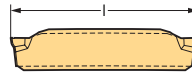
WALTER SELECT

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

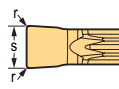
Grooving and parting off – cutting inserts

GD

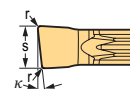
Tiger-tec® Gold



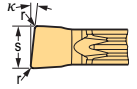
GD...N



GD...R



GD...L



A2

Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P				M				K		N	S					
									HC				HC				HC		HF	HC					
									WSM13G	WKP23G	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23G	WSM23G	WSM33G	WN13	WSM13G	WSM23G	WSM33G	WSM43G
	GD26-3E300R6-CE4	3	0,2	6	26,5	0,08–0,26	±0,05	±0,15	☺		☺	☺			☺	☺	☺	☺						☺	☺
	GD26-4E400R6-CE4	4	0,2	6	26,5	0,10–0,30	±0,05	±0,15			☺	☺			☺	☺		☺						☺	☺
	GD26-3E300L6-CE4	3	0,2	6	26,5	0,08–0,26	±0,05	±0,15	☺		☺	☺			☺	☺	☺	☺						☺	☺
	GD26-4E400L6-CE4	4	0,2	6	26,5	0,10–0,30	±0,05	±0,15			☺				☺			☺						☺	
	GD26-3F300N02-CE4	3	0,2		26,2	0,08–0,30	±0,05	±0,15			☺	☺			☺	☺		☺						☺	☺
	GD26-4F400N03-CE4	4	0,3		26,5	0,10–0,32	±0,05	±0,15			☺	☺			☺	☺		☺						☺	☺
	GD26-3E300N03-GD3	3	0,3		26,5	0,06–0,23	±0,05	±0,15	☺		☺	☺			☺	☺	☺	☺						☺	☺
	GD26-4E400N04-GD3	4	0,4		26,5	0,08–0,28	±0,05	±0,15	☺		☺	☺			☺	☺	☺	☺						☺	☺
	GD26-5E500N04-GD3	5	0,4		26,5	0,09–0,32	±0,05	±0,15	☺		☺				☺		☺	☺						☺	
	GD26-6E600N05-GD3	6	0,5		26,5	0,10–0,38	±0,05	±0,15	☺		☺				☺		☺	☺						☺	
	GD26-3E300N03-GD6	3	0,3		26,5	0,08–0,25	±0,05	±0,15		☺	☺			☺	☺									☺	☺
	GD26-4E400N04-GD6	4	0,4		26,5	0,09–0,30	±0,05	±0,15			☺	☺			☺	☺								☺	☺
	GD26-5E500N04-GD6	5	0,4		26,5	0,10–0,35	±0,05	±0,15			☺	☺			☺									☺	☺
	GD26-6E600N05-GD6	6	0,5		26,5	0,12–0,40	±0,05	±0,15			☺	☺			☺	☺								☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WN13: GD26-3E300N02-CK8 WN13

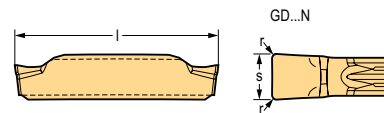
HC = Coated carbide

HF = Uncoated fine-grained carbide

Grooving and recessing – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P					M				K					S				H
									HC					HC				HC				HC				HC	
									WKP13G	WKP23G	WSM23G	WKP33G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G	WKP23G	WKP33G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G	WSM43G
	GD26-3E300N02-UF8	3	0,2	26,5	0,08–0,25	0,1–1,5	±0,02	±0,03		☺					☺	☺							☺	☺			
	GD26-3E300N04-UF8	3	0,4	26,5	0,08–0,25	0,2–1,5	±0,02	±0,03		☺					☺								☺				
	GD26-3E318N02-UF8	3,18	0,2	26,5	0,08–0,25	0,1–1,8	±0,02	±0,03		☺					☺								☺				
	GD26-4E400N02-UF8	4	0,2	26,5	0,09–0,26	0,1–2,0	±0,02	±0,03		☺					☺								☺				
	GD26-4E400N04-UF8	4	0,4	26,5	0,10–0,26	0,2–2,0	±0,02	±0,03		☺					☺	☺							☺	☺			
	GD26-5E500N02-UF8	5	0,2	26,5	0,10–0,32	0,3–2,5	±0,02	±0,03		☺					☺									☺			
	GD26-5E500N04-UF8	5	0,4	26,5	0,10–0,31	0,2–2,5	±0,02	±0,03		☺					☺	☺							☺	☺			
	GD26-5E500N08-UF8	5	0,8	26,5	0,10–0,31	0,4–2,5	±0,02	±0,03		☺					☺								☺				
	GD26-5E556N05-UF8	5,56	0,5	26,5	0,10–0,35	0,2–2,5	±0,02	±0,03		☺					☺								☺				
	GD26-6E600N02-UF8	6	0,2	26,5	0,10–0,36	0,1–3,0	±0,02	±0,03		☺					☺								☺				
	GD26-6E600N04-UF8	6	0,4	26,5	0,10–0,36	0,2–3,0	±0,02	±0,03		☺					☺								☺				
	GD26-6E600N08-UF8	6	0,8	26,5	0,12–0,36	0,4–3,0	±0,02	±0,03		☺					☺								☺				
	GD26-3E300N03-UE6	3	0,3	26,5	0,09–0,25	0,2–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-4E400N04-UE6	4	0,4	26,5	0,10–0,28	0,2–2,8	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-5E500N04-UE6	5	0,4	26,5	0,10–0,33	0,2–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-5E500N08-UE6	5	0,8	26,5	0,10–0,33	0,4–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-6E600N04-UE6	6	0,4	26,5	0,10–0,38	0,2–3,2	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-6E600N08-UE6	6	0,8	26,5	0,12–0,38	0,4–3,2	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-3E300N02-UF4	3	0,2	26,5	0,09–0,26	0,1–1,5	±0,05	±0,15				☺			☺							☺					
	GD26-3E300N03-UF4	3	0,3	26,5	0,09–0,26	0,2–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	GD26-3E318N03-UF4	3,18	0,3	26,5	0,09–0,26	0,2–2,0	±0,05	±0,15	☺			☺	☺		☺	☺						☺	☺				
	GD26-4E400N02-UF4	4	0,2	26,5	0,09–0,30	0,1–2,8	±0,05	±0,15				☺			☺								☺				
	GD26-4E400N04-UF4	4	0,4	26,5	0,10–0,30	0,2–2,8	±0,05	±0,15	☺	☺		☺	☺		☺	☺						☺	☺				
	GD26-4E400N08-UF4	4	0,8	26,5	0,10–0,30	0,4–2,8	±0,05	±0,15	☺			☺			☺							☺					
	GD26-4E475N04-UF4	4,75	0,4	26,5	0,10–0,35	0,3–3,0	±0,05	±0,15				☺			☺							☺					
	GD26-5E500N04-UF4	5	0,4	26,5	0,10–0,35	0,2–3,0	±0,05	±0,15	☺	☺		☺	☺		☺	☺						☺	☺				
	GD26-5E500N08-UF4	5	0,8	26,5	0,10–0,35	0,4–3,0	±0,05	±0,15	☺			☺			☺							☺					
	GD26-6E600N05-UF4	6	0,5	26,5	0,12–0,40	0,3–3,5	±0,05	±0,15	☺			☺	☺		☺	☺						☺	☺				
	GD26-6E600N08-UF4	6	0,8	26,5	0,12–0,40	0,4–3,5	±0,05	±0,15	☺			☺			☺							☺					
	GD26-6E635N05-UF4	6,35	0,5	26,5	0,12–0,40	0,3–3,5	±0,05	±0,15				☺			☺							☺					

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: GD26-3E300N02-UF8 WSM13G

HC = Coated carbide

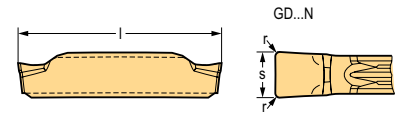
WALTER SELECT

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

Grooving and recessing – cutting inserts

GD

Tiger-tec® Gold



A2

Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P					M				K					S				H
									HC					HC				HC					HC				HC
									WKP13G	WKP23G	WSM23G	WKP33G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G	WKP23G	WKP33G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G	WSM43G
	GD26-3F300N03-UF4	3	0,3	26,2	0,10–0,26	0,2–2,0	±0,05	±0,15																			
	GD26-4F400N04-UF4	4	0,4	26,4	0,10–0,30	0,2–2,8	±0,05	±0,15																			
	GD26-5F500N04-UF4	5	0,4	26,4	0,10–0,35	0,2–3,0	±0,05	±0,15																			
	GD26-6F600N05-UF4	6	0,5	26,4	0,12–0,40	0,3–3,5	±0,05	±0,15																			
	GD26-3E300N03-UD4	3	0,3	26,5	0,09–0,26	0,4–2,0	±0,05	±0,15																			
	GD26-3E318N03-UD4	3,18	0,3	26,5	0,10–0,26	0,4–2,0	±0,05	±0,15																			
	GD26-4E400N04-UD4	4	0,4	26,5	0,10–0,30	0,5–2,8	±0,05	±0,15																			
	GD26-4E400N08-UD4	4	0,8	26,5	0,10–0,30	0,9–2,8	±0,05	±0,15																			
	GD26-5E500N04-UD4	5	0,4	26,5	0,12–0,35	0,5–3,0	±0,05	±0,15																			
	GD26-5E500N08-UD4	5	0,8	26,5	0,12–0,35	0,9–3,0	±0,05	±0,15																			
	GD26-6E600N05-UD4	6	0,5	26,5	0,14–0,40	0,6–3,5	±0,05	±0,15																			
	GD26-6E600N08-UD4	6	0,8	26,5	0,14–0,40	0,9–3,5	±0,05	±0,15																			
	GD26-3E300N03-UA4	3	0,3	26,5	0,10–0,26	0,4–2,0	±0,05	±0,15																			
	GD26-4E400N04-UA4	4	0,4	26,5	0,14–0,30	0,5–2,8	±0,05	±0,15																			
	GD26-5E500N04-UA4	5	0,4	26,5	0,14–0,35	0,5–3,0	±0,05	±0,15																			
	GD26-6E600N05-UA4	6	0,5	26,5	0,14–0,40	0,6–3,5	±0,05	±0,15																			

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

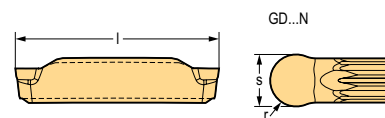
Ordering example for the grade WSM13G: GD26-3E300N02-UF8 WSM13G

HC = Coated carbide

Grooving and copy turning – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M			K		S		
									HC				HC			HC		HC		
									WSM13G	WKP23G	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G	WKP23G	WSM33G	WSM13G	WSM23G	WSM33G
	GD26-3E300N15-RF8	3	1,5	26,5	0,08–0,35	0,1–1,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-3E318N16-RF8	3,18	1,6	26,5	0,08–0,35	0,1–1,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-4E400N20-RF8	4	2	26,5	0,12–0,45	0,1–2,0	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-5E500N25-RF8	5	2,5	26,5	0,15–0,55	0,2–2,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-6E600N30-RF8	6	3	26,5	0,18–0,65	0,2–3,0	±0,02	±0,03	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-3E300N15-RE6	3	1,5	26,5	0,08–0,36	0,1–1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-4E400N20-RE6	4	2	26,5	0,12–0,46	0,1–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-5E500N25-RE6	5	2,5	26,5	0,15–0,58	0,2–2,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-6E600N30-RE6	6	3	26,5	0,18–0,68	0,2–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-3F300N15-RE6	3	1,5	26,2	0,08–0,36	0,1–1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-4F400N20-RE6	4	2	26,5	0,12–0,46	0,1–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-5F500N25-RE6	5	2,5	26,5	0,15–0,58	0,2–2,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-6F600N30-RE6	6	3	26,4	0,18–0,68	0,2–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-3E300N15-RD4	3	1,5	26,5	0,10–0,38	0,5–1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-3E318N16-RD4	3,18	1,6	26,5	0,10–0,38	0,5–1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-4E400N20-RD4	4	2	26,5	0,15–0,48	0,5–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-4E475N24-RD4	4,75	2,38	26,5	0,17–0,50	0,5–2,3	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-5E500N25-RD4	5	2,5	26,5	0,17–0,60	0,5–2,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-6E600N30-RD4	6	3	26,5	0,20–0,70	0,5–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	GD26-6E635N32-RD4	6,35	3,2	26,5	0,20–0,70	0,5–3,2	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

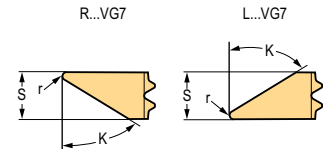
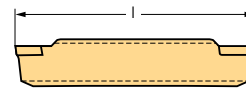
Ordering example for the grade WSM13G: GD26-3E300N15-RF8 WSM13G

HC = Coated carbide

Grooving and recessing – cutting inserts

GD

Tiger-tec® Gold



Cutting inserts

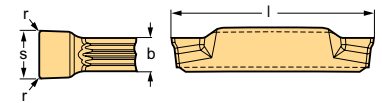
	Designation	s mm	r mm	K	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P	M	S
										HC	HC	HC
	GD26-2E250R02-VG7	2,5	0,2	50	26,5	0,05–0,18	0,2–2,0	±0,1	±0,15	WSM23G	WSM33G	WSM23G
	GD26-2E250R04-VG7	2,5	0,4	50	26,5	0,05–0,25	0,2–2,5	±0,1	±0,15	WSM23G	WSM33G	WSM23G
	GD26-2E250L02-VG7	2,5	0,2	50	26,7	0,05–0,18	0,2–2,0	±0,1	±0,15	WSM23G	WSM33G	WSM23G
	GD26-2E250L04-VG7	2,5	0,4	50	26,7	0,05–0,25	0,2–2,5	±0,1	±0,15	WSM23G	WSM33G	WSM23G

Ordering example for the grade WSM23G: GD26-2E250R02-VG7 WSM23G

HC = Coated carbide

Semi-finished blanks for special shapes

GD



Cutting inserts

	Designation	s mm	b mm	r mm	l mm	S _{Tol} mm	l _{Tol} mm	P	M	S
								HW	HW	HW
	GD26-3E430N03	4,3	2,5	0,3	26,5	±0,05	±0,15	WMG40	WMG40	WMG40
	GD26-4E530N04	5,3	3,5	0,4	26,5	±0,05	±0,15	WMG40	WMG40	WMG40
	GD26-5E630N04	6,3	4,4	0,4	26,5	±0,05	±0,15	WMG40	WMG40	WMG40
	GD26-6E800N04	8	5,4	0,4	26,5	±0,05	±0,15	WMG40	WMG40	WMG40

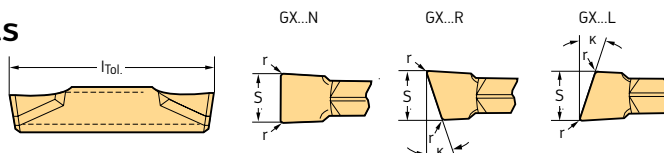
Ordering example for the grade WMG40: GD26-3E430N03 WMG40

HW = Uncoated carbide

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	k	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P						M					K					N	S				
									HC						HC					HC					HW	HC				
									WKP23G	WKP23S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WKP23G	WKP23S	WSM33G		WSM33S	WSM43G	WSM43S		
	GX16-1E200N02-CK8	2	0.2		16,6	0,04–0,12	±0,02	±0,03														☺								
	GX16-2E300N02-CK8	3	0.2		16,6	0,08–0,20	±0,02	±0,03														☺								
	GX24-2E300N02-CK8	3	0.2		24,6	0,08–0,20	±0,02	±0,03														☺								
	GX24-3E400N02-CK8	4	0.2		24,6	0,10–0,22	±0,02	±0,03														☺								
	GX16-0E150N01-CF6	1.5	0.15		16,6	0,03–0,12	±0,02	±0,05				☹				☹										☹				
	GX16-1E200N02-CF6	2	0.2		16,6	0,03–0,14	±0,05	±0,15				☹	☹			☹	☹								☹	☹				
	GX16-1E250N02-CF6	2.5	0.2		16,6	0,03–0,18	±0,05	±0,15				☹				☹									☹	☹				
	GX16-2E300N02-CF6	3	0.2		16,6	0,04–0,23	±0,05	±0,15				☹	☹			☹	☹								☹	☹				
	GX24-1E200N02-CF6	2	0.2		24	0,03–0,14	±0,05	±0,15				☹				☹									☹	☹				
	GX24-2E300N02-CF6	3	0.2		24,6	0,04–0,23	±0,05	±0,15				☹	☹			☹	☹								☹	☹				
	GX16-1E200R15-CF6	2	0	15	16,2	0,03–0,14	±0,05	±0,15				☹				☹									☹	☹				
	GX16-0E150R10-CF6	1.5	0.15	10	16,6	0,03–0,12	±0,05	±0,05				☹				☹									☹	☹				
	GX16-1E200R6-CF6	2	0.2	6	16,6	0,03–0,14	±0,05	±0,15				☹				☹									☹	☹				
	GX16-2E300R6-CF6	3	0.2	6	16,6	0,04–0,23	±0,05	±0,15				☹				☹									☹	☹				
	GX24-2E300R6-CF6	3	0.2	6	24,6	0,04–0,23	±0,05	±0,15				☹				☹									☹	☹				
	GX24-2E300L6-CF6	3	0.2	6	24,6	0,04–0,23	±0,05	±0,15				☹				☹									☹	☹				
	GX16-1E200N02-CF5	2	0.2		16,6	0,04–0,12	±0,05	±0,15		☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹		☹	☹	☹	☹				
	GX16-1E250N02-CF5	2.5	0.2		16,6	0,05–0,15	±0,05	±0,15				☹	☹	☹	☹										☹	☹				
	GX16-2E300N02-CF5	3	0.2		16,6	0,08–0,20	±0,05	±0,15		☹	☹	☹	☹	☹	☹								☹	☹	☹	☹				
	GX24-1E200N02-CF5	2	0.2		24	0,04–0,12	±0,05	±0,15		☹	☹	☹	☹	☹	☹									☹	☹	☹				
	GX24-1E250N02-CF5	2.5	0.2		24	0,05–0,15	±0,05	±0,15				☹				☹									☹	☹				
	GX24-2E300N02-CF5	3	0.2		24	0,08–0,20	±0,05	±0,15		☹	☹	☹	☹	☹	☹									☹	☹	☹				
	GX24-3E400N02-CF5	4	0.2		24	0,10–0,22	±0,05	±0,15		☹	☹	☹	☹	☹	☹									☹	☹	☹				
	GX24-3E500N03-CF5	5	0.3		24	0,10–0,25	±0,05	±0,15				☹	☹	☹	☹										☹	☹				
	GX24-2E300N00-CF5	3	0		24,6	0,04–0,16	±0,02	±0,05				☹	☹	☹	☹										☹	☹				
	GX34-2E300N03-CF5	3	0.3		34	0,08–0,20	±0,05	±0,15				☹	☹			☹		☹							☹	☹				
	GX34-3E400N04-CF5	4	0.4		34	0,10–0,22	±0,05	±0,15				☹	☹			☹	☹								☹	☹				

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 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

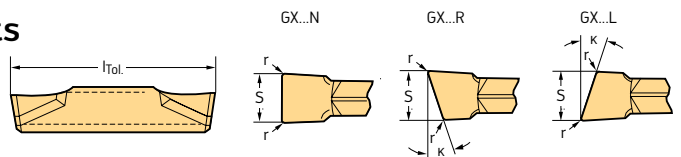
WALTER SELECT

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

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



A2

Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P						M					K				N	S			
									HC						HC					HC				HW	HC			
									WKP23G	WKP23S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WKP23G	WKP23S	WSM33G	WSM33S	WSM43G	WSM43S	
	GX16-1E200R7-CF5	2	0	7	16,4	0,03–0,10	±0,05	±0,15					☺				☺								☺			
	GX16-1E200R15-CF5	2	0	15	16,4	0,03–0,10	±0,05	±0,15					☺				☺								☺			
	GX16-1E200R6-CF5	2	0,2	6	16,6	0,03–0,10	±0,05	±0,15					☺				☺								☺			
	GX16-1E250R6-CF5	2,5	0,2	6	16,6	0,03–0,12	±0,05	±0,15					☺				☺								☺			
	GX16-2E300R6-CF5	3	0,2	6	16,6	0,04–0,16	±0,05	±0,15					☺				☺								☺			
	GX16-2E300R15-CF5	3	0	15	16,6	0,04–0,13	±0,05	±0,15					☺				☺								☺			
	GX24-2E300R6-CF5	3	0,2	6	24,6	0,04–0,16	±0,05	±0,15					☺	☺			☺		☺						☺	☺		
	GX24-3E400R6-CF5	4	0,2	6	24,6	0,10–0,18	±0,05	±0,15					☺				☺								☺			
	GX34-2E300R6-CF5	3	0,3	6	34	0,04–0,16	±0,05	±0,15				☺					☺								☺			
	GX24-2E300L6-CF5	3	0,2	6	24,6	0,04–0,16	±0,05	±0,15					☺				☺								☺			
	GX24-3E400L6-CF5	4	0,2	6	24,6	0,10–0,18	±0,05	±0,15					☺				☺								☺			
	GX34-2E300L6-CF5	3	0,3	6	34	0,04–0,16	±0,05	±0,15				☺					☺								☺			
	GX24-2F300N02-CF5	3	0,2		23,7	0,08–0,20	±0,05	±0,15					☺	☺			☺		☺						☺	☺		
	GX24-3F400N02-CF5	4	0,2		23,7	0,10–0,22	±0,05	±0,15					☺				☺								☺			
	GX24-3F500N03-CF5	5	0,3		23,7	0,10–0,25	±0,05	±0,15					☺				☺								☺			
	GX16-1E200N02-CE4	2	0,2		16,6	0,06–0,15	±0,05	±0,15			☺		☺	☺			☺		☺			☺		☺		☺	☺	
	GX16-1E250N02-CE4	2,5	0,2		16,6	0,07–0,18	±0,05	±0,15					☺	☺			☺		☺				☺		☺	☺		
	GX16-2E300N02-CE4	3	0,2		16,6	0,09–0,30	±0,05	±0,15					☺				☺						☺		☺			
	GX24-1E200N02-CE4	2	0,2		24	0,06–0,15	±0,05	±0,15			☺		☺	☺			☺		☺				☺		☺	☺		
	GX24-1E250N02-CE4	2,5	0,2		24	0,07–0,18	±0,05	±0,15			☺		☺				☺						☺		☺			
	GX24-2E300N02-CE4	3	0,2		24	0,09–0,30	±0,05	±0,15			☺	☺	☺	☺			☺		☺				☺		☺	☺		
	GX24-3E400N03-CE4	4	0,3		24	0,10–0,32	±0,05	±0,15			☺	☺	☺	☺			☺		☺				☺		☺	☺		
	GX24-3E500N03-CE4	5	0,3		24	0,12–0,35	±0,05	±0,15			☺		☺	☺			☺		☺				☺		☺	☺		
	GX24-4E600N03-CE4	6	0,3		24	0,12–0,40	±0,05	±0,15			☺		☺	☺			☺		☺				☺		☺	☺		
	GX34-2E300N03-CE4	3	0,3		34	0,09–0,30	±0,05	±0,15	☺			☺	☺				☺		☺					☺	☺			
	GX16-1E200R6-CE4	2	0,2	6	16,6	0,04–0,10	±0,05	±0,15					☺				☺								☺			
	GX16-1E250R6-CE4	2,5	0,2	6	16,6	0,05–0,12	±0,05	±0,15					☺				☺								☺			
	GX16-2E300R6-CE4	3	0,2	6	16,6	0,09–0,24	±0,05	±0,15					☺				☺								☺			
	GX24-2E300R6-CE4	3	0,2	6	24,6	0,09–0,24	±0,05	±0,15			☺		☺	☺			☺		☺						☺	☺		
	GX24-3E400R6-CE4	4	0,2	6	24,6	0,10–0,26	±0,05	±0,15					☺				☺								☺			

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 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

WALTER SELECT

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

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

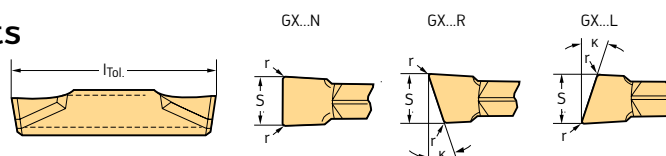
Single-, double- and multi-edged cutting inserts

395

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	K	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P						M				K				N	S			
									HC						HC				HC				HW	HC			
									WKP23G	WKP23S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WKP23G	WKP23S	WSM33G	WSM33S	WSM43G	WSM43S
	GX16-2E300L6-CE4	3	0.2	6	16.6	0.09-0.24	±0.05	±0.15																			
	GX24-2E300L6-CE4	3	0.2	6	24.6	0.09-0.24	±0.05	±0.15																			
	GX24-3E400L6-CE4	4	0.2	6	24.6	0.10-0.26	±0.05	±0.15																			
	GX34-2E300L6-CE4	3	0.3	6	34	0.09-0.24	±0.05	±0.15																			
	GX24-2F300N02-CE4	3	0.2		24	0.09-0.30	±0.05	±0.15																			
	GX24-3F400N03-CE4	4	0.3		24	0.10-0.32	±0.05	±0.15																			
	GX09-1E200N02-GD3	2	0.2		9	0.04-0.12	±0.02	±0.02																			
	GX09-1E250N02-GD3	2.5	0.2		9	0.04-0.14	±0.02	±0.02																			
	GX09-2E300N03-GD3	3	0.3		9	0.06-0.18	±0.02	±0.02																			
	GX16-1E200N02-GD3	2	0.2		16	0.04-0.12	±0.02	±0.02																			
	GX16-1E250N02-GD3	2.5	0.2		16	0.04-0.14	±0.02	±0.02																			
	GX16-2E300N03-GD3	3	0.3		16	0.06-0.18	±0.02	±0.02																			
	GX16-3E400N04-GD3	4	0.4		16	0.10-0.20	±0.02	±0.02																			
	GX24-2E300N03-GD3	3	0.3		24	0.06-0.18	±0.05	±0.15																			
	GX24-3E400N04-GD3	4	0.4		24	0.10-0.20	±0.05	±0.15																			
	GX24-3E500N04-GD3	5	0.4		24	0.12-0.25	±0.05	±0.15																			
	GX24-4E600N05-GD3	6	0.5		24	0.14-0.28	±0.05	±0.15																			
	GX16-1E200N02-GD6	2	0.2		16	0.04-0.12	±0.05	±0.15																			
	GX16-2E300N03-GD6	3	0.3		16	0.08-0.18	±0.05	±0.15																			
	GX16-3E400N04-GD6	4	0.4		16	0.10-0.22	±0.05	±0.15																			
	GX24-2E300N03-GD6	3	0.3		24	0.08-0.18	±0.05	±0.15																			
	GX24-3E400N04-GD6	4	0.4		24	0.10-0.22	±0.05	±0.15																			
	GX24-3E500N04-GD6	5	0.4		24	0.12-0.24	±0.05	±0.15																			
	GX24-4E600N05-GD6	6	0.5		24	0.14-0.30	±0.05	±0.15																			
	GX34-2E300N03-GD6	3	0.3		34	0.08-0.20	±0.05	±0.15																			
	GX34-3E400N04-GD6	4	0.4		34	0.10-0.22	±0.05	±0.15																			

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 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

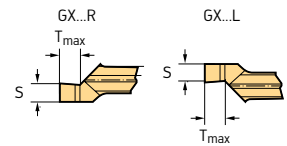
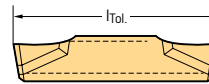
WALTER SELECT

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

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



A2

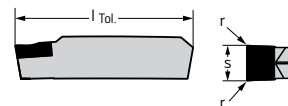
Cutting inserts

	Designation	s mm	r mm	T _{max} mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P		M		S	
									HC		HC		HC	
	GX09-1E100R00-GD8	1	0	1,14	9	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX09-1E120R00-GD8	1,2	0	1,34	9	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX09-1E140R00-GD8	1,4	0	1,53	9	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX16-2E100R00-GD8	1	0	1,14	16	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX16-2E120R00-GD8	1,2	0	1,34	16	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX16-2E140R00-GD8	1,4	0	1,53	16	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX09-1E100L00-GD8	1	0	1,14	9	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX09-1E120L00-GD8	1,2	0	1,34	9	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX09-1E140L00-GD8	1,4	0	1,53	9	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX16-2E100L00-GD8	1	0	1,14	16	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX16-2E120L00-GD8	1,2	0	1,34	16	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺
	GX16-2E140L00-GD8	1,4	0	1,53	16	0,05–0,10	±0,02	±0,02	WSM23G	☺	WSM23S	☺	WSM23G	☺

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: GX09-1E100R00-GD8 WSM23G

HC = Coated carbide

CBN – grooving and parting off GX



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	S	H
								BH	BL
	GX24-2F300N02EM-1	3	0,2	24	0,10–0,15	±0,02	±0,03	☺	
	GX24-3F400N02EM-1	4	0,2	24	0,10–0,20	±0,02	±0,03	☺	
	GX24-3F500N04EM-1	5	0,4	24	0,10–0,25	±0,02	±0,03	☺	
	GX24-4F600N04EM-1	6	0,4	24	0,10–0,30	±0,02	±0,03	☺	
	GX24-2F300N02TM-1	3	0,2	24	0,02–0,10	±0,02	±0,03		☹
	GX24-3F400N02TM-1	4	0,2	24	0,02–0,12	±0,02	±0,03		☹
	GX24-3F500N04TM-1	5	0,4	24	0,02–0,14	±0,02	±0,03		☹
	GX24-4F600N04TM-1	6	0,4	24	0,02–0,15	±0,02	±0,03		☹

 l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

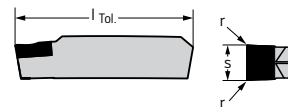
Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WBS10: GX24-2F300N02EM-1 WBS10

BH = CBN with high CBN content

BL = CBN with low CBN content

PCD – grooving and parting off GX



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	N	O
								DP	DP
	GX16-1F200N02FS-F1	2	0,2	16	0,04–0,12	±0,02	±0,02	☺	☺
	GX24-2F300N02FS-F1	3	0,2	24	0,05–0,16	±0,02	±0,02	☺	☺
	GX24-3F400N02FS-F1	4	0,2	24	0,06–0,22	±0,02	±0,02	☺	☺
	GX24-3F500N02FS-F1	5	0,2	24	0,06–0,25	±0,02	±0,02	☺	☺
	GX24-4F600N02FS-F1	6	0,2	24	0,06–0,28	±0,02	±0,02	☺	☺

 l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WDN10: GX16-1F200N02FS-F1 WDN10

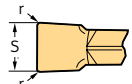
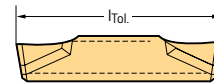
DP = Polycrystalline diamond

Grooving and recessing – cutting inserts

GX

Tiger-tec® Gold

GX...N



A2

Cutting inserts

Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P		M		S	
								HC		HC		HC	
								WSM23G	WSM23S	WSM23G	WSM23S	WSM23G	WSM23S
 GX09-0E170N01-UF8	1,7	0,1	9	0,05–0,15	0,3–0,8	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX09-0E196N01-UF8	1,96	0,1	9	0,05–0,15	0,3–0,8	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX09-1E225N01-UF8	2,25	0,1	9	0,05–0,20	0,3–1,0	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX09-1E275N01-UF8	2,75	0,1	9	0,05–0,22	0,3–1,3	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX09-2E325N01-UF8	3,25	0,1	9	0,07–0,24	0,4–1,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-0E160N01-UF8	1,6	0,1	16	0,05–0,17	0,3–1,0	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-0E170N01-UF8	1,7	0,1	16	0,05–0,17	0,3–1,0	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-0E185N01-UF8	1,85	0,1	16	0,05–0,22	0,3–1,0	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-1E200N02-UF8	2	0,2	16	0,05–0,22	0,3–1,2	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-1E225N01-UF8	2,25	0,1	16	0,05–0,22	0,3–1,3	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-1E275N01-UF8	2,75	0,1	16	0,06–0,22	0,3–1,3	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-2E300N02-UF8	3	0,2	16	0,07–0,24	0,4–1,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-2E318N02-UF8	3,18	0,2	16	0,07–0,24	0,4–1,6	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-2E325N01-UF8	3,25	0,1	16	0,07–0,24	0,4–1,6	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-3E400N04-UF8	4	0,4	16	0,09–0,30	0,9–2,2	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX16-3E425N02-UF8	4,25	0,2	16	0,09–0,30	0,5–2,2	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-1E239N02-UF8	2,39	0,2	24	0,05–0,22	0,3–1,3	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-2E300N02-UF8	3	0,2	24	0,07–0,24	0,4–1,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-2E300N04-UF8	3	0,4	24	0,07–0,24	0,4–1,5	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-2E318N02-UF8	3,18	0,2	24	0,07–0,24	0,4–1,6	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-3E400N02-UF8	4	0,2	24	0,09–0,30	0,3–2,2	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-3E400N04-UF8	4	0,4	24	0,09–0,30	0,5–2,2	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-3E500N02-UF8	5	0,2	24	0,11–0,35	0,3–2,6	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-3E500N04-UF8	5	0,4	24	0,11–0,35	0,6–2,6	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-3E500N08-UF8	5	0,8	24	0,11–0,35	0,9–2,6	±0,02	±0,03	☺	☺	☺	☺	☺	☺
GX24-4E600N08-UF8	6	0,8	24	0,11–0,35	0,9–3,2	±0,02	±0,03	☺	☺	☺	☺	☺	☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WSM23G: GX09-0E170N01-UF8 WSM23G

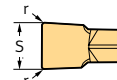
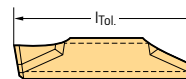
HC = Coated carbide

Grooving and recessing – cutting inserts

GX

Tiger-tec® Gold

GX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P					M				K			S					
									HC					HC				HC			HC					
									WKP23S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23S	WKP23S	WSM33G	WSM33S	WSM23S	WSM33G	WSM33S
	GX24-2F300N03-UF4	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15																		
	GX24-3F400N04-UF4	4	0,4	24	0,10–0,30	0,5–2,8	±0,05	±0,15																		
	GX24-3F500N04-UF4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15																		
	GX24-4F600N05-UF4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15																		
	GX09-1E200N02-UF4	2	0,2	9	0,10–0,15	0,3–1,0	±0,05	±0,15																		
	GX09-2E300N03-UF4	3	0,3	9	0,10–0,20	0,4–1,5	±0,05	±0,15																		
	GX16-1E200N02-UF4	2	0,2	16	0,10–0,15	0,3–1,2	±0,05	±0,15																		
	GX16-1E239N02-UF4	2,39	0,2	16	0,10–0,15	0,3–1,3	±0,05	±0,15																		
	GX16-1E250N02-UF4	2,5	0,2	16	0,10–0,18	0,3–1,3	±0,05	±0,15																		
	GX16-2E300N03-UF4	3	0,3	16	0,10–0,20	0,4–2,0	±0,05	±0,15																		
	GX16-3E400N04-UF4	4	0,4	16	0,10–0,30	0,5–2,8	±0,05	±0,15																		
	GX24-2E300N02-UF4	3	0,2	24	0,10–0,20	0,3–2,0	±0,05	±0,15																		
	GX24-2E300N03-UF4	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15																		
	GX24-2E318N03-UF4	3,18	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15																		
	GX24-3E400N02-UF4	4	0,2	24	0,10–0,30	0,3–2,8	±0,05	±0,15																		
	GX24-3E400N04-UF4	4	0,4	24	0,10–0,30	0,5–2,8	±0,05	±0,15																		
	GX24-3E400N08-UF4	4	0,8	24	0,10–0,30	0,9–2,8	±0,05	±0,15																		
	GX24-3E475N04-UF4	4,75	0,4	24	0,12–0,35	0,5–3	±0,05	±0,15																		
	GX24-3E500N04-UF4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15																		
	GX24-3E500N08-UF4	5	0,8	24	0,12–0,35	0,9–3,0	±0,05	±0,15																		
	GX24-4E600N05-UF4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15																		
	GX24-4E600N08-UF4	6	0,8	24	0,14–0,40	0,9–3,5	±0,05	±0,15																		
	GX24-4E635N05-UF4	6,35	0,5	24	0,14–0,4	0,6–3,5	±0,05	±0,15																		
	GX30-5E800N08-UF4	8	0,8	30	0,18–0,55	0,9–4,0	±0,05	±0,15																		
	GX16-1E200N02-UD6	2	0,2	16	0,06–0,15	0,3–1,2	±0,05	±0,15																		
	GX24-2E300N03-UD6	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15																		
	GX24-3E400N04-UD6	4	0,4	24	0,12–0,25	0,5–2,8	±0,05	±0,15																		
	GX24-3E500N04-UD6	5	0,4	24	0,12–0,30	0,5–3,0	±0,05	±0,15																		
	GX24-4E600N05-UD6	6	0,5	24	0,14–0,35	0,6–3,5	±0,05	±0,15																		

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WSM33S: GX24-2F300N03-UF4 WSM33S

HC = Coated carbide

WALTER SELECT

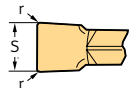
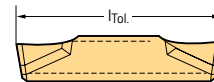
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver

GX...N



A2

Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M	K				S	H
									HC				HC	HC				HC	HC
									WKP13S	WKP23S	WKP33S	WSM33S	WSM33S	WKP13S	WKP23S	WKP33S	WSM33S	WSM33S	WKP13S
	GX16-1E200N02-UA4	2	0,2	16	0,08–0,15	0,3–1,2	±0,05	±0,15	☺					☺					☺
	GX16-2E300N03-UA4	3	0,3	16	0,10–0,22	0,4–2,0	±0,05	±0,15	☺		☺			☺		☺			☺
	GX16-3E400N04-UA4	4	0,4	16	0,10–0,35	0,5–2,8	±0,05	±0,15	☺		☺			☺		☺			☺
	GX24-2E300N03-UA4	3	0,3	24	0,10–0,22	0,4–2,0	±0,05	±0,15	☺		☺			☺		☺			☺
	GX24-3E400N04-UA4	4	0,4	24	0,10–0,35	0,5–2,8	±0,05	±0,15	☺		☺			☺		☺			☺
	GX24-3E500N04-UA4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15	☺		☺			☺		☺			☺
GX24-4E600N05-UA4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15	☺		☺					☺			☺	
	GX16-1E200N02-UD4	2	0,2	16	0,10–0,15	0,3–1,2	±0,05	±0,15		☺			☺		☺		☺	☺	
	GX16-2E300N03-UD4	3	0,3	16	0,10–0,20	0,4–2,0	±0,05	±0,15		☺			☺		☺		☺	☺	
	GX16-3E400N04-UD4	4	0,4	16	0,10–0,30	0,5–2,8	±0,05	±0,15		☺			☺		☺		☺	☺	
	GX24-2E300N03-UD4	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX24-2E318N03-UD4	3,18	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15		☺					☺				
	GX24-3E400N04-UD4	4	0,4	24	0,10–0,30	0,5–2,8	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX24-3E400N08-UD4	4	0,8	24	0,10–0,30	0,9–2,8	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX24-3E500N04-UD4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX24-3E500N08-UD4	5	0,8	24	0,12–0,35	0,9–3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX24-4E600N05-UD4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX24-4E600N08-UD4	6	0,8	24	0,14–0,40	0,9–3,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	GX30-5E800N08-UD4	8	0,8	30	0,14–0,40	0,9–4,0	±0,05	±0,15		☺		☺			☺		☺	☺	
	GX30-5E800N12-UD4	8	1,2	30	0,14–0,40	1,3–4,0	±0,05	±0,15				☺					☺	☺	

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

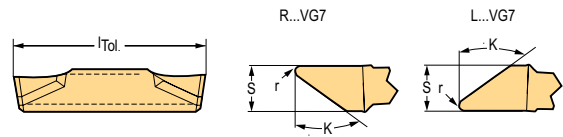
Ordering example for the grade WKP13S: GX16-1E200N02-UA4 WKP13S

HC = Coated carbide

Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver



Cutting inserts

	Designation	s mm	r mm	K	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P		M		S	
										HC		HC		HC	
										WSM23S	WSM33S	WSM23S	WSM33S	WSM23S	WSM33S
	GX24-2E280R02-VG7	2,8	0,2	50	24	0,05–0,12	0,2–2,0	±0,05	±0,15						
	GX24-2E280R04-VG7	2,8	0,4	50	24	0,08–0,25	0,2–2,5	±0,05	±0,15						
	GX24-2E280L02-VG7	2,8	0,2	50	24	0,05–0,12	0,2–2,0	±0,05	±0,15						

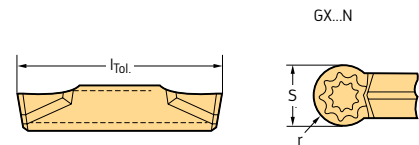
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM23S: GX24-2E280R02-VG7 WSM23S

HC = Coated carbide

Grooving and copy turning – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M				K		N	S			
									HC				HC				HC		HC	HW	HC		
									WSM13S	WKP23S	WSM23G	WSM23S	WSM33S	WSM13S	WSM23G	WSM23S	WSM33S	WSM23S	WKP23S	WSM33S	WK1	WSM13S	WSM23G
	GX24-4R300N-RK8	6	3	25,4	0,10–0,60	0,1–4,0	±0,02	±0,05										⊕					

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: GX24-4R300N-RK8 WK1

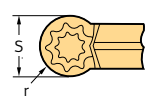
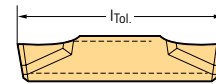
HC = Coated carbide
HW = Uncoated carbide

Grooving and copy turning – cutting inserts

GX

Tiger-tec® Gold

GX...N



A2

Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	h _{Tol} mm	P					M				K			N	S			
									HC					HC				HC			HW	HC			
									WSM13S	WKP23S	WSM23G	WSM23S	WSM33S	WSM13S	WSM23G	WSM23S	WSM33S	WSM23S	WKP23S	WSM33S	WK1	WSM13S	WSM23G	WSM23S	WSM33S
	GX09-1E200N10-RF8	2	1	9	0,05–0,17	0,1–1,0	±0,02	±0,02			☺				☺								☺		
	GX09-1E239N12-RF8	2,39	1,2	9	0,05–0,20	0,2–1,2	±0,02	±0,02			☺				☺								☺		
	GX16-1E200N10-RF8	2	1	16	0,08–0,25	0,1–1,0	±0,05	±0,05	☺			☺		☺	☺							☺		☺	
	GX16-1E239N12-RF8	2,39	1,200	16	0,08–0,28	0,2–1,2	±0,02	±0,02				☺			☺									☺	
	GX16-2E300N15-RF8	3	1,5	16	0,10–0,30	0,1–1,5	±0,02	±0,02	☺			☺		☺	☺								☺		☺
	GX16-3E400N20-RF8	4	2	16	0,12–0,45	0,1–2,0	±0,02	±0,02				☺			☺									☺	
	GX24-2E300N15-RF8	3	1,5	24	0,10–0,30	0,1–1,5	±0,02	±0,02	☺			☺		☺	☺								☺		☺
	GX24-2E318N16-RF8	3,18	1,59	24	0,10–0,30	0,1–1,5	±0,02	±0,02				☺			☺									☺	
	GX24-3E400N20-RF8	4	2	24	0,12–0,45	0,1–2,0	±0,02	±0,02	☺			☺		☺	☺								☺		☺
	GX24-3E500N25-RF8	5	2,5	24	0,15–0,50	0,1–2,5	±0,02	±0,02	☺			☺		☺	☺								☺		☺
	GX24-4E600N30-RF8	6	3	24	0,15–0,55	0,1–3,0	±0,02	±0,02	☺			☺		☺	☺								☺		☺
	GX30-5E800N40-RF8	8	4	30	0,18–0,60	0,2–4,0	±0,02	±0,02				☺			☺										☺
	GX24-2E300N15-RF7	3	1,5	24	0,10–0,33	0,1–1,5	±0,05	±0,15	☺			☺		☺	☺								☺		☺
	GX24-3E400N20-RF7	4	2	24	0,12–0,48	0,1–2,0	±0,05	±0,15	☺			☺		☺	☺								☺		☺
	GX24-3E500N25-RF7	5	2,5	24	0,12–0,53	0,1–2,5	±0,05	±0,15	☺			☺		☺	☺								☺		☺
	GX24-3F500N25-RF7	5	2,5	24	0,12–0,53	0,1–2,5	±0,05	±0,15					☺			☺									☺
	GX16-1E200N10-RD4	2	1	16	0,08–0,25	0,2–1,0	±0,05	±0,15	☺		☺	☺			☺	☺	☺	☺	☺					☺	☺
	GX16-1E239N12-RD4	2,39	1,2	16	0,08–0,25	0,2–1	±0,05	±0,15					☺			☺			☺	☺					☺
	GX16-2E300N15-RD4	3	1,5	16	0,10–0,35	0,5–1,5	±0,05	±0,15				☺	☺		☺	☺		☺	☺					☺	☺
	GX24-2E300N15-RD4	3	1,5	24	0,10–0,35	0,5–1,5	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺
	GX24-2E318N16-RD4	3,18	1,59	24	0,10–0,35	0,5–1,5	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺
	GX24-3E400N20-RD4	4	2	24	0,15–0,50	0,5–2,0	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺
	GX24-3E475N24-RD4	4,75	2,38	24	0,17–0,6	0,5–2,3	±0,05	±0,15					☺			☺			☺	☺					☺
	GX24-3E500N25-RD4	5	2,5	24	0,17–0,60	0,5–2,5	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺
	GX24-4E600N30-RD4	6	3	24	0,17–0,70	0,5–3,0	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺
	GX24-4E635N32-RD4	6,35	3,18	24	0,17–0,7	0,5–3	±0,05	±0,15					☺			☺			☺	☺					☺
	GX30-5E800N40-RD4	8	4	30	0,20–0,80	0,6–4,0	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺
	GX24-3F500N25-RD4	5	2,5	24	0,17–0,60	0,5–0,0	±0,05	±0,15	☺	☺			☺			☺			☺	☺					☺

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WK1: GX24-4R300N-RK8 WK1

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

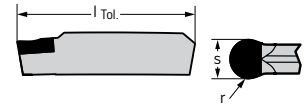
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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

Single-, double- and multi-edged cutting inserts

403

CBN – grooving and copy turning GX



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	S	H
								BH	BL
	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

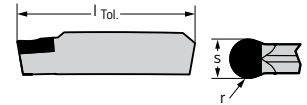
Radius tolerance r_{Tol} = ±0.05 mm

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	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	N	O
								DP	DP
	GX16-1F200N10FS-M1	2	1	16	0,05–0,25	±0,02	±0,02	☺	☺
	GX24-2F300N15FS-M1	3	1,5	24	0,05–0,30	±0,02	±0,02	☺	☺
	GX24-3F400N20FS-M1	4	2	24	0,05–0,35	±0,02	±0,02	☺	☺
	GX24-3F500N25FS-M1	5	2,5	24	0,05–0,40	±0,02	±0,02	☺	☺
	GX24-4F600N30FS-M1	6	3	24	0,05–0,50	±0,02	±0,02	☺	☺

 l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WDN10: GX16-1F200N10FS-M1 WDN10

DP = Polycrystalline diamond

Semi-finished blanks for special shapes

GX



A2

Cutting inserts

	Designation	s mm	l mm	P	M	S
				HW	HW	HW
				WMG40	WMG40	WMG40
				☺	☹	☹
	GX24-2E4.80N	4,8	24,6	☺	☹	☹
	GX24-3E6.30N	6,3	24,6	☺	☹	☹
	GX24-4E8.30N	8,3	24,6	☺	☹	☹

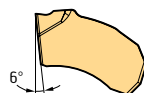
Grade WMG40 has the ISO application ranges P30, M30 and S30
 Ordering example for the grade WMG40: GX24-2E4.80N WMG40

HW = Uncoated carbide

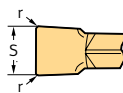
Grooving and parting off – cutting inserts

SX

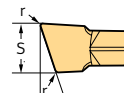
Tiger-tec® Gold



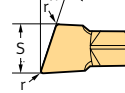
SX...N



SX...R



SX...L



Cutting inserts

Designation		s mm	r mm	K	f mm	S _{Tol} mm	l _{Tol} mm	P				M			K			N	S			
								HC				HC			HC				HW	HC		
								WKP23G	WKP23S	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WKP23G	WKP23S	WSM23G		WSM33G	WK1	WSM23G
	SX-2E200N02-CK8	2	0.2		0.04–0.12	±0.02	±0.05											☺				
	SX-3E300N02-CK8	3	0.2		0.08–0.20	±0.02	±0.05											☺				
	SX-4E400N02-CK8	4	0.2		0.10–0.22	±0.02	±0.05											☺				
	SX-5E500N04-CK8	5	0.4		0.10–0.25	±0.02	±0.05											☺				
	SX-2E200N02-CF6	2	0.2		0.03–0.14	±0.05	±0.1				☹	☹		☹	☹					☹	☹	
	SX-3E300N02-CF6	3	0.2		0.04–0.23	±0.05	±0.1				☹	☹		☹	☹					☹	☹	
	SX-5E500N03-SE6	5	0.3		0.10–0.25	±0.05	±0.1				☹	☹		☹							☹	
	SX-1E150N01-CF5	1.5	0.15		0.03–0.10	±0.05	±0.1				☹			☹							☹	
	SX-2E200N02-CF5	2	0.2		0.04–0.12	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-3E300N02-CF5	3	0.2		0.08–0.20	±0.05	±0.1			☺	☹	☹		☹	☹				☺		☹	☹
	SX-3E310N03-CF5	3.1	0.3		0.08–0.20	±0.05	±0.1				☹			☹							☹	
	SX-4E400N02-CF5	4	0.2		0.10–0.22	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-5E500N04-CF5	5	0.4		0.10–0.25	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-6E600N04-CF5	6	0.4		0.10–0.30	±0.05	±0.1				☹			☹							☹	
	SX-2E200R6-CF5	2	0.2	6	0.04–0.10	±0.05	±0.1				☹			☹							☹	
	SX-3E300R6-CF5	3	0.2	6	0.08–0.17	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-3E300R15-CF5	3	0	15	0.05–0.15	±0.05	±0.1				☹			☹							☹	
	SX-4E400R6-CF5	4	0.2	6	0.10–0.20	±0.05	±0.1				☹			☹							☹	
	SX-3E300L6-CF5	3	0.2	6	0.08–0.17	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-4E400L6-CF5	4	0.2	6	0.10–0.20	±0.05	±0.1				☹			☹							☹	
	SX-1E150N01-CE4	1.5	0.15		0.03–0.12	±0.05	±0.1				☹			☹							☹	
	SX-2E200N02-CE4	2	0.2		0.06–0.15	±0.05	±0.1	☺		☺	☹	☹		☹	☹		☹	☹	☺		☹	☹
	SX-2E260N03-CE4	2.6	0.3		0.06–0.18	±0.05	±0.1				☹			☹							☹	
	SX-3E300N02-CE4	3	0.2		0.09–0.30	±0.05	±0.1	☺	☺	☺	☹	☹		☹	☹	☹	☹	☹	☹	☹	☹	☹
	SX-3E310N03-CE4	3.1	0.3		0.09–0.30	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-4E400N02-CE4	4	0.2		0.10–0.32	±0.05	±0.1	☺	☺	☺	☹	☹		☹	☹	☹	☹	☹	☹	☹	☹	☹
	SX-4E410N03-CE4	4.1	0.3		0.10–0.32	±0.05	±0.1				☹			☹							☹	
	SX-4E480N03-CE4	4.8	0.3		0.12–0.35	±0.05	±0.1				☹			☹							☹	
	SX-5E500N04-CE4	5	0.4		0.12–0.35	±0.05	±0.1	☺			☹	☹		☹	☹	☹	☹	☹	☹	☹	☹	☹
	SX-6E600N04-CE4	6	0.4		0.12–0.40	±0.05	±0.1	☺			☹	☹		☹	☹	☹	☹	☹	☹	☹	☹	☹
	SX-8E800N08-CE4	8	0.8		0.20–0.55	±0.05	±0.1	☺			☹			☹							☹	
	SX-10E1000N08-CE4	10	0.8		0.25–0.60	±0.05	±0.1	☺			☹			☹							☹	
	SX-2E200R6-CE4	2	0.2	6	0.06–0.10	±0.05	±0.1				☹			☹							☹	
	SX-3E300R6-CE4	3	0.2	6	0.09–0.20	±0.05	±0.1	☺			☹			☹		☹					☹	
	SX-4E400R6-CE4	4	0.2	6	0.10–0.22	±0.05	±0.1				☹	☹		☹	☹						☹	☹
	SX-5E500R6-CE4	5	0.4	6	0.12–0.25	±0.05	±0.1				☹			☹							☹	
	SX-6E600R6-CE4	6	0.4	6	0.12–0.30	±0.05	±0.1				☹			☹							☹	
	SX-3E300L6-CE4	3	0.2	6	0.09–0.20	±0.05	±0.1	☺			☹			☹							☹	
	SX-4E400L6-CE4	4	0.2	6	0.10–0.22	±0.05	±0.1				☹			☹							☹	
	SX-6E600L6-CE4	6	0.4	6	0.12–0.30	±0.05	±0.1				☹			☹							☹	

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WK1: SX-2E200N02-CK8 WK1

HC = Coated carbide

HW = Uncoated carbide

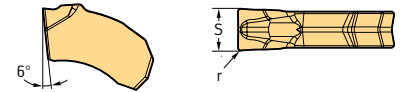
WALTER SELECT

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

Grooving and recessing – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P				M		K		S	
							HC				HC		HC		HC	
							WKP23G	WSM33G	WSM43G	WSM33G	WSM43G	WKP23G	WSM33G	WSM33G	WSM33G	WSM43G
 SX-8E800N08-UF4	8	0.8	17.4	0.18–0.55	±0.05	±0.1										

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

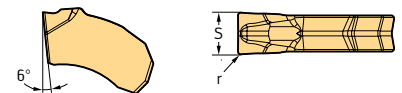
Ordering example for the grade WKP23G: SX-8E800N08-UF4 WKP23G

HC = Coated carbide

Slitting – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	f mm	S _{Tol} mm	l _{Tol} mm	P		M		N		S	
						HC		HC		HW		HC	
						WSM33G	WSM43G	WSM33G	WSM43G	WK1	WSM33G	WSM43G	
 SX-1E150N01-SK8	1.5	0.1	0.03–0.08	±0.02	±0.05								
SX-2E200N02-SK8	2	0.2	0.05–0.10	±0.02	±0.05								
SX-3E300N02-SK8	3	0.2	0.05–0.15	±0.02	±0.05								
SX-4E400N02-SK8	4	0.2	0.05–0.20	±0.02	±0.05								
 SX-1E150N01-SF5	1.5	0.15	0.03–0.10	±0.05	±0.1								
SX-2E200N02-SF5	2	0.2	0.06–0.15	±0.05	±0.1								
SX-3E300N02-SF5	3	0.2	0.08–0.20	±0.05	±0.1								
SX-4E400N02-SF5	4	0.2	0.10–0.22	±0.05	±0.1								
SX-5E500N04-SF5	5	0.4	0.10–0.25	±0.05	±0.1								

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WK1: SX-1E150N01-SK8 WK1

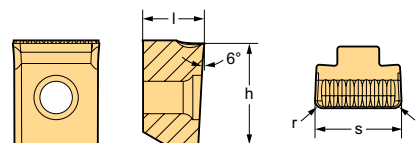
HC = Coated carbide

HW = Uncoated carbide

Grooving and parting off – cutting inserts

UX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	P	K
								HC	HC
	UX-12E1200N10-GD2	12	1	8,6	0,20–0,40	±0,2	±0,1	WKP33G	WKP33G
	UX-19E1900N15-GD2	19	1,5	13,6	0,25–0,60	±0,2	±0,1	WKP33G	WKP33G

 l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch

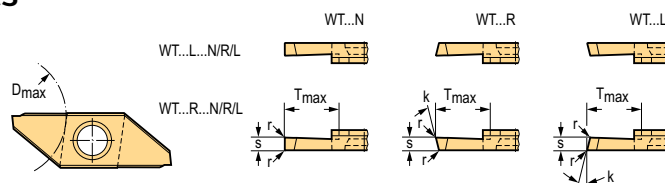
Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WKP33G: UX-12E1200N10-GD2 WKP33G

HC = Coated carbide

Grooving and parting off – cutting inserts

WT



Cutting inserts

	Designation	s mm	r mm	k	T _{max} mm	D _{max} mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	N	S
											HC	HC	HW	HC
											WSM23X	WSM23X	WN23	WSM23X
	WT26-R070N00-CD8	0,7	0,05		4,3		25	0,02–0,07	±0,02	±0,03	☺	☺	☺	☺
	WT26-R100N00-CD8	1	0,05		6,3		25	0,02–0,10	±0,02	±0,03	☺	☺	☺	☺
	WT26-R150N00-CD8	1,5	0,05		6,3		25	0,02–0,13	±0,02	±0,03	☺	☺	☺	☺
	WT26-R200N00-CD8	2	0,05		8,5	35	25	0,02–0,14	±0,02	±0,03	☺	☺	☺	☺
	WT26-R070R15-CD8	0,7	0,05	15	4,3		25	0,02–0,07	±0,02	±0,03	☺	☺	☺	☺
	WT26-R100R15-CD8	1	0,05	15	6,3		25	0,02–0,10	±0,02	±0,03	☺	☺	☺	☺
	WT26-R150R15-CD8	1,5	0,05	15	6,3		25	0,02–0,13	±0,02	±0,03	☺	☺	☺	☺
	WT26-R200R15-CD8	2	0,05	15	8,5	35	25	0,02–0,14	±0,02	±0,03	☺	☺	☺	☺
	WT26-L070N00-CD8	0,7	0,05		4,3		25	0,02–0,07	±0,02	±0,03	☺	☺	☺	☺
	WT26-L100N00-CD8	1	0,05		6,3		25	0,02–0,10	±0,02	±0,03	☺	☺	☺	☺
	WT26-L150N00-CD8	1,5	0,05		6,3		25	0,02–0,13	±0,02	±0,03	☺	☺	☺	☺
	WT26-L200N00-CD8	2	0,05		8,5	35	25	0,02–0,14	±0,02	±0,03	☺	☺	☺	☺
	WT26-L070R15-CD8	0,7	0,05	15	4,3		25	0,02–0,07	±0,02	±0,03	☺	☺	☺	☺
	WT26-L100R15-CD8	1	0,05	15	6,3		25	0,02–0,10	±0,02	±0,03	☺	☺	☺	☺
	WT26-L150R15-CD8	1,5	0,05	15	6,3		25	0,02–0,13	±0,02	±0,03	☺	☺	☺	☺
	WT26-L200R15-CD8	2	0,05	15	8,5	35	25	0,02–0,14	±0,02	±0,03	☺	☺	☺	☺

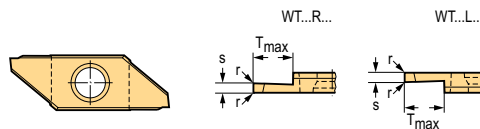
Radius tolerance $r_{Tol} = \pm 0,05$ mm

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	r mm	T _{max} mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	P	M	S
									HC	HC	HC
	WT26-R050N00-GD8	0,5	0,05	1,3	25	0,02–0,06	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R075N00-GD8	0,75	0,05	2,5	25	0,02–0,07	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R100N00-GD8	1	0,05	2,7	25	0,02–0,10	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R125N00-GD8	1,25	0,05	2,7	25	0,02–0,12	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R150N00-GD8	1,5	0,05	3,7	25	0,02–0,13	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R175N00-GD8	1,75	0,05	3,7	25	0,02–0,13	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R200N00-GD8	2	0,05	3,7	25	0,02–0,14	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R250N00-GD8	2,5	0,05	3,7	25	0,02–0,16	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-L050N00-GD8	0,5	0,05	1,3	25	0,02–0,06	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-L075N00-GD8	0,75	0,05	2,5	25	0,02–0,07	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-L100N00-GD8	1	0,05	2,7	25	0,02–0,10	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-L150N00-GD8	1,5	0,05	3,7	25	0,02–0,13	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-L200N00-GD8	2	0,05	3,7	25	0,02–0,14	±0,02	±0,03	WSM23X	WSM23X	WSM23X

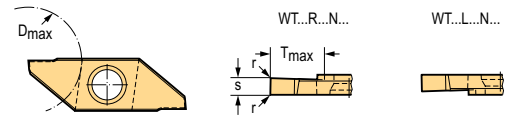
Radius tolerance $r_{Tol} = \pm 0,05$ mm

Ordering example for the grade WSM23X: WT26-R050N00-GD8 WSM23X

HC = Coated carbide

Grooving and recessing – cutting inserts

WT



A2

Cutting inserts

Designation	s mm	r mm	T _{max} mm	D _{max} mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P	M	S
										HC	HC	HC
	WT26-R100N00-UA8	1	0,05	6,3	25	0,02–0,14	0,1–1,5	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R150N00-UA8	1,5	0,05	6,3	35	0,02–0,14	0,1–1,5	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R200N00-UA8	2	0,05	8,2	35	0,02–0,14	0,1–3,0	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-R250N00-UA8	2,5	0,05	8,2	35	0,02–0,16	0,1–3,0	±0,02	±0,03	WSM23X	WSM23X	WSM23X
	WT26-L200N00-UA8	2	0,05	8,2	35	0,02–0,14	0,1–3,0	±0,02	±0,03	WSM23X	WSM23X	WSM23X

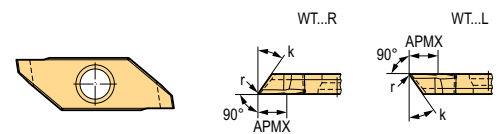
Radius tolerance $r_{Tol} = \pm 0.05$ mm

Ordering example for the grade WSM23X: WT26-R100N00-UA8 WSM23X

HC = Coated carbide

Forward turning - cutting inserts

WT



Cutting inserts

Designation	s mm	r mm	k	l mm	APMX mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P	M	N	S
										HC	HC	HW	HC
	WT26-R300L003-DG8	3	0,03	35	25	0,02–0,10	0,1–3,0	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300L005-DG8	3	0,05	35	25	0,02–0,13	0,2–1,0	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300L010-DG8	3	0,1	35	25	0,02–0,14	0,1–3,0	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300L020-DG8	3	0,2	35	25	0,02–0,16	0,1–3,0	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X

Radius tolerance $r_{Tol} = \pm 0.05$ mm

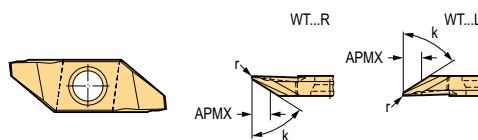
Ordering example for the grade WN23: WT26-R300L003-DG8 WN23

HC = Coated carbide

HW = Uncoated carbide

Reverse turning - cutting inserts

WT



Cutting inserts

Designation	s mm	r mm	k	l mm	APMX mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P	M	N	S
										HC	HC	HW	HC
										WSM23X	WSM23X	WN23	WSM23X
 WT26-R300R003-VG8	3	0,03	59	25	4	0,02–0,10	0,1–3,0	±0,02	±0,03	☺	☺	☺	☺
WT26-R300R005-VG8	3	0,05	59	25	4	0,02–0,13	0,1–3,0	±0,02	±0,03	☺	☺	☺	☺
WT26-R300R010-VG8	3	0,1	59	25	4	0,02–0,14	0,1–3,0	±0,02	±0,03	☺	☺	☺	☺
WT26-R300R020-VG8	3	0,2	59	25	4	0,02–0,16	0,1–3,0	±0,02	±0,03	☺	☺	☺	☺

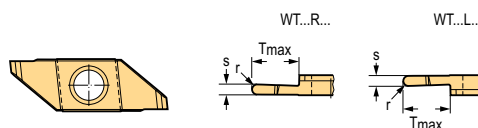
Radius tolerance $r_{Tol} = \pm 0.05$ mm

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	r mm	T _{max} mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P	M	S
									HC	HC	HC
									WSM23X	WSM23X	WSM23X
 WT26-L125N06-RA8	1,25	0,63	5	25	0,02–0,12	0,10–0,60	±0,02	±0,03	☺	☺	☺
WT26-L160N08-RA8	1,6	0,8	7,5	25	0,02–0,14	0,10–0,80	±0,02	±0,03	☺	☺	☺

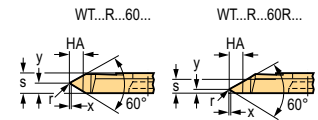
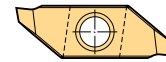
Radius tolerance $r_{Tol} = \pm 0.05$ mm

Ordering example for the grade WSM23X: WT26-L125N06-RA8 WSM23X

HC = Coated carbide

External thread turning inserts – 60° partial profile

WT



Indexable inserts

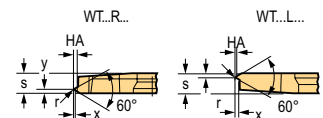
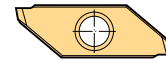
	Designation	TP mm	TPI [Threads/ Inch]	r mm	HA mm	l mm	X mm	Y mm	P	M	S
									HC	HC	HC
									WSM23X	WSM23X	WSM23X
	WT26-R-ER-AG60	0,35–2	72–12	0,05	1,5	25	0,05	1,59			
	WT26-R-ER-AG60R	0,35–1	72–24	0,05	0,75	25	0,05	0,6			
	WT26-L-EL-AG60	0,35–2	72–12	0,05	1,5	25	0,05	1,59			
											

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

									P	M	S
									HC	HC	HC
									WSM23X	WSM23X	WSM23X
Designation		TP mm	s mm	r mm	HA mm	l mm	X mm	Y mm			
	WT26-R-ER0.25ISO	0,25	3,18	0,04	0,18	25	0,03	0,28			
	WT26-R-ER0.40ISO	0,4	3,18	0,06	0,29	25	0,04	0,38			
	WT26-R-ER0.50ISO	0,5	3,18	0,07	0,36	25	0,04	0,38			
	WT26-R-ER0.70ISO	0,7	3,18	0,1	0,51	25	0,08	0,38			
	WT26-R-ER0.80ISO	0,8	3,18	0,12	0,58	25	0,09	0,38			
	WT26-R-ER1.00ISO	1	3,18	0,14	0,72	25	0,11	0,38			
	WT26-R-ER1.25ISO	1,25	3,18	0,18	0,9	25	0,14	0,38			
	WT26-R-ER1.50ISO	1,5	3,18	0,22	1,08	25	0,16	0,38			
	WT26-L-EL0.50ISO	0,5	3,18	0,07	0,36	25	0,04	0,38			
	WT26-L-EL0.70ISO	0,7	3,18	0,1	0,51	25	0,08	0,38			
	WT26-L-EL0.80ISO	0,8	3,18	0,12	0,58	25	0,09	0,38			
	WT26-L-EL1.00ISO	1	3,18	0,14	0,72	25	0,11	0,38			
	WT26-L-EL1.25ISO	1,25	3,18	0,18	0,9	25	0,14	0,38			
	WT26-L-EL1.50ISO	1,5	3,18	0,22	1,08	25	0,16	0,38			

Ordering example for the grade WSM23X: WT26-R-ER0.25ISO WSM23X

HC = Coated carbide

WALTER SELECT

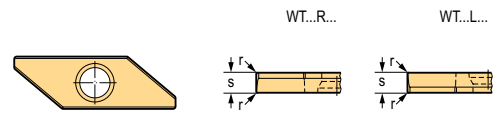
Optimum indexable insert for → Good =  → Average =  → Poor =  machining conditions   / ★ = New addition to the product range

Single-, double- and multi-edged cutting inserts

413

Semi-finished blanks for special shapes

WT



Cutting inserts

	Designation	s mm	r mm	l mm	P	M	S
					HW	HW	HW
	WT26-L300N00N	3	0,05	25,6	WMG40	WMG40	WMG40
	WT26-R300N00N	3	0,05	256,6	WMG40	WMG40	WMG40

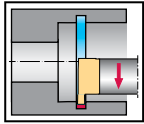
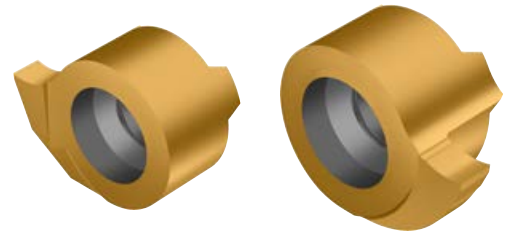
Ordering example for the grade WMG40: WT26-L300N00N WMG40

HW = Uncoated carbide

Exchangeable head – Grooving and circlip grooves

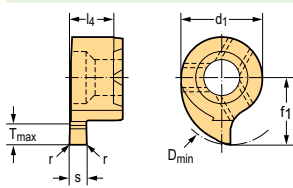
WE..-G mm

A2



	P	M	K	N	S	H	O
WSM13X	●●	●●	●	●●	●●		
WSM23X	●●	●●	●	●	●●		

Wechselkopf



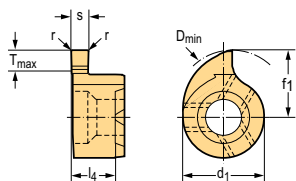
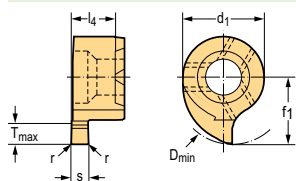
Bezeichnung	d ₁ mm	s mm	T _{max} mm	D _{min} mm	r mm	f ₁ mm	l ₄ mm	f mm	WSM23X	WSM13X
WE05-G07-100R00	5	1	1	7		5,8	3,6	0,01-0,04	☺	
WE05-G07-150R00	5	1,5	1	7		5,8	3,6	0,01-0,04	☺	
WE05-G08-150R02	5	1,5	2	7,8	0,2	5,2	3,7	0,01-0,04	☺	
WE07-G10-073R00	7	0,73	1,2	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-083R00	7	0,83	1,3	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-093R00	7	0,93	1,5	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-100R00	7	1	1,8	10		5,8	3,7	0,01-0,04	☺	☺
WE07-G11-100R00	7	1	2,8	11		6,8	3,7	0,01-0,04	☺	
WE07-G12-100R00	7	1	3,4	12		7,4	3,7	0,01-0,04	☺	
WE07-G10-120R00	7	1,2	1,8	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-140R00	7	1,4	1,8	10		5,8	3,8	0,01-0,04	☺	
WE07-G10-150R00	7	1,5	1,8	10		5,8	3,8	0,01-0,04	☺	☺
WE07-G10-150R02	7	1,5	1,8	10	0,2	5,8	3,9	0,01-0,04	☺	
WE07-G11-150R00	7	1,5	2,8	11		6,8	3,8	0,01-0,04	☺	
WE07-G12-150R00	7	1,5	3,4	12		7,4	3,8	0,01-0,04	☺	
WE07-G10-170R00	7	1,6	1,8	10		5,8	3,8	0,01-0,04	☺	
WE07-G10-200R00	7	2	1,8	10		5,8	3,9	0,01-0,04	☺	
WE07-G10-200R02	7	2	1,8	10	0,2	5,8	3,9	0,01-0,04	☺	
WE07-G11-200R00	7	2	2,8	11		6,8	3,9	0,01-0,04	☺	☺
WE07-G12-200R00	7	2	3,4	12		7,4	3,9	0,01-0,04	☺	
WE07-G10-250R00	7	2,5	1,8	10		5,8	3,9	0,01-0,04	☺	
WE07-G11-250R00	7	2,5	2,8	11		6,8	3,9	0,01-0,04	☺	
WE07-G10-300R00	7	3	1,8	10		5,8	3,9	0,01-0,04	☺	
WE07-G11-300R00	7	3	2,8	11		6,8	3,9	0,01-0,04	☺	☺
WE07-G11-318R00	7	3,18	2,8	11		6,8	3,9	0,01-0,04	☺	
WE09-G14-073R00	9	0,73	1,2	14		9	5,1	0,01-0,04	☺	
WE09-G14-083R00	9	0,83	1,3	14		9	5,1	0,01-0,04	☺	
WE09-G14-093R00	9	0,93	1,5	14		9	5,1	0,01-0,04	☺	
WE09-G14-100R00	9	1	4	14		9	5,1	0,01-0,04	☺	☺
WE09-G14-120R00	9	1,2	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-140R00	9	1,4	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-150R00	9	1,5	4	14		9	5,2	0,01-0,04	☺	☺
WE09-G16-150R02	9	1,5	4	16	0,2	9	5,2	0,01-0,04	☺	
WE09-G16-150R00	9	1,5	5,5	16		10,5	4,9	0,01-0,04	☺	
WE09-G17-150R00	9	1,5	6,5	17		11,5	4,9	0,01-0,04	☺	
WE09-G14-170R00	9	1,7	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-200R00	9	2	4	14		9	5,2	0,01-0,04	☺	☺
WE09-G14-200R02	9	2	4	14	0,2	9	5,2	0,01-0,04	☺	
WE09-G16-200R00	9	2	5,5	16		10,5	5,1	0,01-0,04	☺	

Maßskizze zeigt rechte Ausführung. | Bestellbeispiel für die Sorte WSM23X: WE05-G07-100R00 WSM23X

WALTER
SELECT

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

Wechselkopf



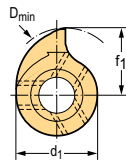
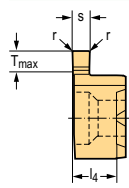
Bezeichnung	d ₁ mm	s mm	T _{max} mm	D _{min} mm	r mm	f ₁ mm	l ₄ mm	f mm	WSM23X	WSM13X
WE09-G16-200R02	9	2	5,5	16	0,2	10,5	5,1	0,01-0,04	☺	
WE09-G17-200R00	9	2	6,5	17		11,5	5,1	0,01-0,04	☺	
WE09-G14-250R00	9	2,5	4	14		9	5,2	0,01-0,04	☺	☺
WE09-G16-250R00	9	2,5	5,5	16		10,5	5,1	0,01-0,04	☺	
WE09-G16-250R02	9	2,5	5,5	16	0,2	10,5	5,1	0,01-0,04	☺	
WE09-G17-250R00	9	2,5	6,5	17		11,5	5,1	0,01-0,04	☺	
WE09-G14-300R00	9	3	4	14		9	5,2	0,01-0,04	☺	☺
WE09-G16-300R00	9	3	5,5	16		10,5	5,1	0,01-0,04	☺	
WE09-G16-300R02	9	3	5,5	16	0,2	10,5	5,1	0,01-0,04	☺	
WE09-G17-300R00	9	3	6,5	17		11,5	5,1	0,01-0,04	☺	
WE09-G14-318R02	9	3,18	4	14	0,2	90	5,2	0,01-0,04	☺	
WE05-G07-100L00	5	1	1	7		5,8	3,6	0,01-0,04	☺	
WE05-G07-150L00	5	1,5	1	7		5,8	3,6	0,01-0,04	☺	
WE05-G08-150L02	5	1,5	2	7,8	0,2	5,2	3,7	0,01-0,04	☺	
WE07-G10-073L00	7	0,7	1,2	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-083L00	7	0,8	1,3	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-100L00	7	1	1,8	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-120L00	7	1,2	1,8	10		5,8	3,7	0,01-0,04	☺	
WE07-G10-150L00	7	1,5	1,8	10		5,8	3,8	0,01-0,04	☺	
WE07-G10-150L02	7	1,5	1,8	10	0,2	5,8	3,9	0,01-0,04	☺	
WE07-G10-170L00	7	1,6	1,8	10		5,8	3,8	0,01-0,04	☺	
WE07-G10-200L00	7	2	1,8	10		5,8	3,9	0,01-0,04	☺	
WE07-G10-200L02	7	2	1,8	10	0,2	5,8	3,9	0,01-0,04	☺	
WE07-G10-250L00	7	2,5	1,8	10		5,8	3,9	0,01-0,04	☺	
WE07-G10-300L00	7	3	1,8	10		5,8	3,9	0,01-0,04	☺	
WE07-G11-100L00	7	1	2,8	11		6,8	3,7	0,01-0,04	☺	
WE07-G11-150L00	7	1,5	2,8	11		6,8	3,8	0,01-0,04	☺	
WE07-G11-200L00	7	2	2,8	11		6,8	3,9	0,01-0,04	☺	
WE07-G11-250L00	7	2,5	2,8	11		6,8	3,9	0,01-0,04	☺	
WE07-G11-300L00	7	3	2,8	11		6,8	3,9	0,01-0,04	☺	
WE07-G11-318L00	7	3,18	2,8	11		6,8	3,9	0,01-0,04	☺	
WE07-G12-100L00	7	1	3,4	12		7,4	3,7	0,01-0,04	☺	
WE07-G12-150L00	7	1,5	3,4	12		7,4	3,8	0,01-0,04	☺	
WE07-G12-200L00	7	2	3,4	12		7,4	3,9	0,01-0,04	☺	
WE09-G14-073L00	9	0,73	1,2	14		9	5,1	0,01-0,04	☺	
WE09-G14-083L00	9	0,83	1,3	14		9	5,1	0,01-0,04	☺	
WE09-G14-093L00	9	0,93	1,5	14		9	5,1	0,01-0,04	☺	
WE09-G14-100L00	9	1	4	14		9	5,1	0,01-0,04	☺	
WE09-G14-120L00	9	1,2	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-140L00	9	1,4	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-150L00	9	1,5	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-170L00	9	1,7	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-200L00	9	2	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-200L02	9	2	4	14	0,2	9	5,2	0,01-0,04	☺	
WE09-G14-250L00	9	2,5	4	14		9	5,2	0,01-0,04	☺	
WE09-G14-300L00	9	3	4	14		9	5,2	0,01-0,04	☺	
WE09-G16-150L00	9	1,5	5,5	16		10,5	4,9	0,01-0,04	☺	
WE09-G16-150L02	9	1,5	4	16	0,2	9	5,2	0,01-0,04	☺	
WE09-G16-200L00	9	2	5,5	16		10,5	5,1	0,01-0,04	☺	

Maßskizze zeigt rechte Ausführung. | Bestellbeispiel für die Sorte WSM23X: WE05-G07-100R00 WSM23X

**WALTER
SELECT**

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

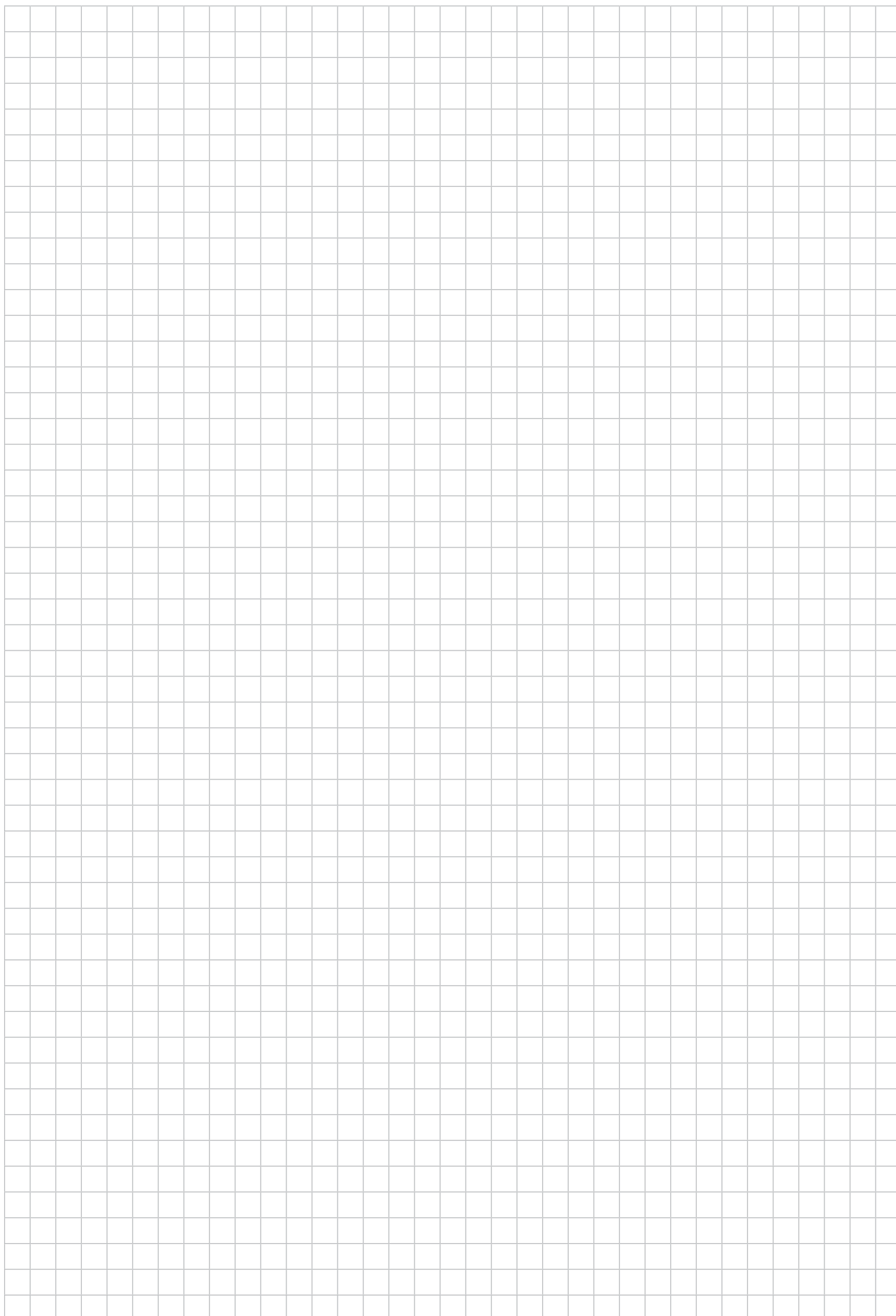
Wechselkopf



Bezeichnung	d ₁ mm	s mm	T _{max} mm	D _{min} mm	r mm	f ₁ mm	l ₄ mm	f mm	WSM23X	WSM13X
WE09-G16-200L02	9	2	5,5	16	0,2	10,5	5,1	0,01–0,04	☺	
WE09-G16-250L00	9	2,5	5,5	16		10,5	5,1	0,01–0,04	☺	
WE09-G16-250L02	9	2,5	5,5	16	0,2	10,5	5,1	0,01–0,04	☺	
WE09-G16-300L00	9	3	5,5	16		10,5	5,1	0,01–0,04	☺	
WE09-G16-300L02	9	3	5,5	16	0,2	10,5	5,1	0,01–0,04	☺	
WE09-G17-150L00	9	1,5	6,5	17		11,5	4,9	0,01–0,04	☺	
WE09-G17-200L00	9	2	6,5	17		11,5	5,1	0,01–0,04	☺	
WE09-G17-250L00	9	2,5	6,5	17		11,5	5,1	0,01–0,04	☺	
WE09-G17-300L00	9	3	6,5	17		11,5	5,1	0,01–0,04	☺	

Maßskizze zeigt rechte Ausführung. | Bestellbeispiel für die Sorte WSM23X: WE05-G07-100R00 WSM23X

A2

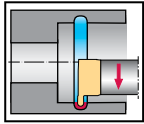
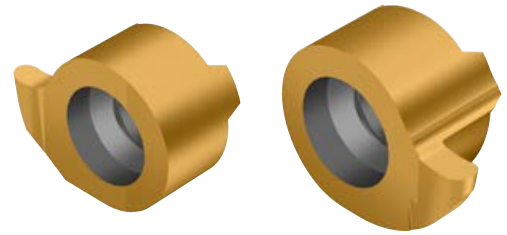


Exchangeable head – Grooving and copy turning

WE..-GR

mm

A2



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

	Designation	d ₁ mm	s mm	T _{max} mm	D _{min} mm	r mm	f ₁ mm	l ₄ mm	f mm	a _p mm	WSM23X
	WE07-GR10-080R04	7	0,8	1,8	10	0,4	5,8	3,7	0,01–0,04	0,1–0,4	☺
	WE07-GR10-120R06	7	1,23	1,8	10	0,6	5,8	3,7	0,01–0,04	0,1–0,6	☺
	WE07-GR10-180R09	7	1,8	1,8	10	0,9	5,8	3,9	0,01–0,04	0,1–0,9	☺
	WE07-GR10-200R10	7	2	1,8	10	1	5,8	3,9	0,01–0,04	0,1–1	☺
	WE09-GR14-080R04	9	0,8	4	14	0,4	9	5,1	0,01–0,04	0,1–0,4	☺
	WE09-GR14-120R06	9	1,2	4	14	0,6	9	5,2	0,01–0,04	0,1–0,6	☺
	WE09-GR14-180R09	9	1,8	4	14	0,9	9	5,2	0,01–0,04	0,1–0,9	☺
	WE09-GR14-200R10	9	2	4	14	1	9	5,2	0,01–0,04	0,1–1	☺
	WE09-GR14-220R11	9	2,2	4	14	1,1	9	5,2	0,01–0,04	0,1–1,1	☺
	WE09-GR14-300R15	9	3	4	14	1,5	9	5,2	0,01–0,04	0,1–1,5	☺
	WE07-GR10-080L04	7	0,8	1,8	10	0,4	5,8	3,7	0,01–0,04	0,1–0,4	☺
	WE07-GR10-120L06	7	1,23	1,8	10	0,6	5,8	3,7	0,01–0,04	0,1–0,6	☺
	WE07-GR10-180L09	7	1,8	1,8	10	0,9	5,8	3,9	0,01–0,04	0,1–0,9	☺
	WE07-GR10-200L10	7	2	1,8	10	1	5,8	3,9	0,01–0,04	0,1–1	☺
	WE09-GR14-080L04	9	0,8	4	14	0,4	9	5,1	0,01–0,04	0,1–0,4	☺
	WE09-GR14-120L06	9	1,2	4	14	0,6	9	5,2	0,01–0,04	0,1–0,6	☺
	WE09-GR14-180L09	9	1,8	4	14	0,9	9	5,2	0,01–0,04	0,1–0,9	☺
	WE09-GR14-200L10	9	2	4	14	1	9	5,2	0,01–0,04	0,1–1	☺
	WE09-GR14-220L11	9	2,2	4	14	1,1	9	5,2	0,01–0,04	0,1–1,1	☺
	WE09-GR14-300L15	9	3	4	14	1,5	9	5,2	0,01–0,04	0,1–1,5	☺

Dimensional drawing shows right-hand version. | Ordering example for the grade WSM23X: WE07-GR10-080R04 WSM23X

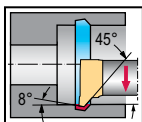
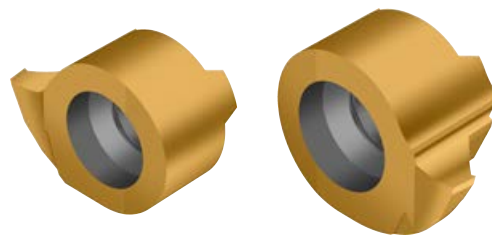
WALTER
SELECT

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

Exchangeable head – Pre-parting

WE..-GP

mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

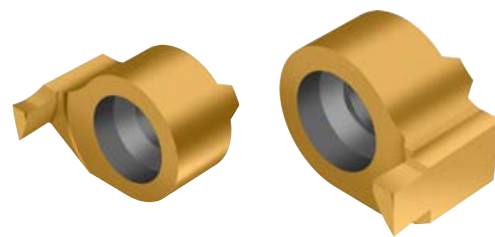
Designation	d ₁ mm	s mm	T _{max} mm	D _{min} mm	f ₁ mm	l ₄ mm	f mm	WSM23X
WE07-GP10-100R00	7	1	1,5	10	5,8	3,8	0,01–0,04	☺
WE07-GP10-100L00	7	1	1,5	10	5,8	3,9	0,01–0,04	☺

Dimensional drawing shows right-hand version. | Ordering example for the grade WSM23X: WE07-GP10-100R00 WSM23X

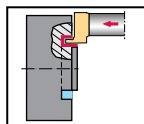
**WALTER
SELECT**

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

Exchangeable head – Axial grooving

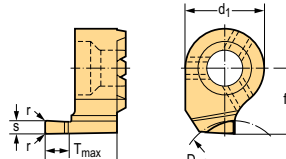
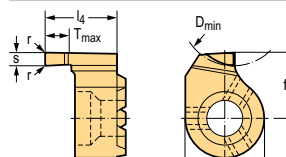
WE..-A 

– Dmax unlimited



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

	Designation	d ₁ mm	s mm	r mm	T _{max} mm	D _{min} mm	f ₁ mm	l ₄ mm	f mm	WSM23X
	WE09-A12-100R00	9	1		1,5	12	6	8,3	0,01–0,04	☺
	WE09-A12-150R02	9	1,5	0,2	2,5	12	6	8,3	0,01–0,04	☺
	WE09-A12-200R02	9	2	0,2	5	12	6	10,3	0,01–0,04	☺
	WE09-A12-250R02	9	2,5	0,2	5	12	6	10,3	0,01–0,04	☺
	WE09-A12-300R02	9	3	0,2	5	12	6	10,3	0,01–0,04	☺
	WE09-A12-100L00	9	1		1,5	12	6	8,3	0,01–0,04	☺
	WE09-A12-150L02	9	1,5	0,2	2,5	12	6	8,3	0,01–0,04	☺
	WE09-A12-200L02	9	2	0,2	5	12	6	10,3	0,01–0,04	☺
	WE09-A12-250L02	9	2,5	0,2	5	12	6	10,3	0,01–0,04	☺
	WE09-A12-300L02	9	3	0,2	5	12	6	10,3	0,01–0,04	☺

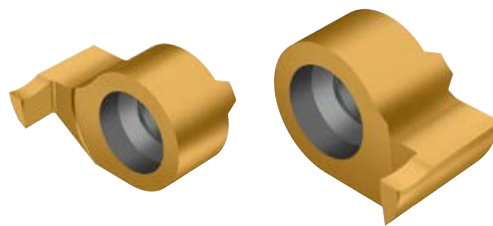
Dimensional drawing shows right-hand version. | Ordering example for the grade WSM23X: WE09-A12-100R00 WSM23X

WALTER
SELECT

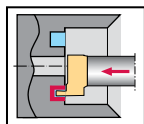
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable head – Axial grooving – Contra

WE..-AC mm



– Dmax unlimited



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

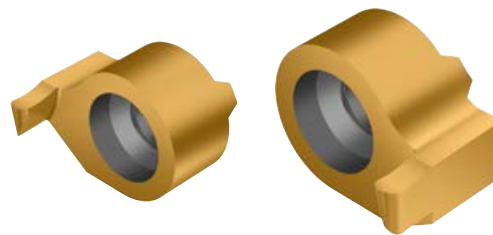
	Designation	d ₁ mm	s mm	r mm	T _{max} mm	D _{min} mm	f ₁ mm	l ₄ mm	f mm	WSM23X
	WE09-AC14-100R00	9	1		1,5	14	9	8,3	0,01–0,04	☺
	WE09-AC14-150R02	9	1,5	0,2	2,5	14	9	8,3	0,01–0,04	☺
	WE09-AC14-200R02	9	2	0,2	5	14	9	10,3	0,01–0,04	☺
	WE09-AC14-250R02	9	2,5	0,2	5	14	9	10,3	0,01–0,04	☺
	WE09-AC14-300R02	9	3	0,2	5	14	9	10,3	0,01–0,04	☺
	WE09-AC14-100L00	9	1		1,5	14	9	8,3	0,01–0,04	☺
	WE09-AC14-150L02	9	1,5	0,2	2,5	14	9	8,3	0,01–0,04	☺
	WE09-AC14-200L02	9	2	0,2	5	14	9	10,3	0,01–0,04	☺
	WE09-AC14-250L02	9	2,5	0,2	5	14	9	10,3	0,01–0,04	☺
	WE09-AC14-300L02	9	3	0,2	5	14	9	10,3	0,01–0,04	☺

Dimensional drawing shows right-hand version. | Ordering example for the grade WSM23X: WE09-AC14-100R00 WSM23X

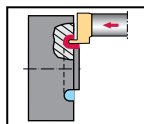
Exchangeable head – Axial grooving full radius

WE..-AR

mm

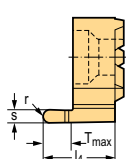
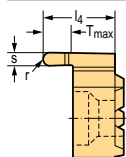


– Dmax unlimited



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

	Designation	d ₁ mm	s mm	r mm	T _{max} mm	D _{min} mm	f ₁ mm	l ₄ mm	f mm	WSM23X
	WE09-AR12-150R07	9	1,5	0,8	2,5	12	6	8,3	0,01–0,04	☺
	WE09-AR12-200R10	9	2	1	5	12	6	10,3	0,01–0,04	☺
	WE09-AR12-300R15	9	3	1,5	5	12	6	10,3	0,01–0,04	☺
	WE09-AR12-150L07	9	1,5	0,8	2,5	12	6	8,3	0,01–0,04	☺
	WE09-AR12-200L10	9	2	1	5	12	6	10,3	0,01–0,04	☺
	WE09-AR12-300L15	9	3	1,5	5	12	6	10,3	0,01–0,04	☺

Dimensional drawing shows right-hand version. | Ordering example for the grade WSM23X: WE09-AR12-150R07 WSM23X

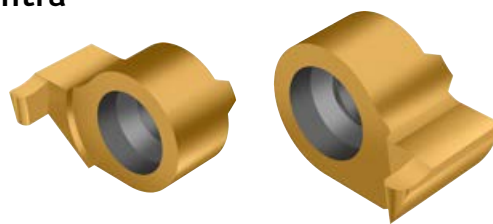
**WALTER
SELECT**

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

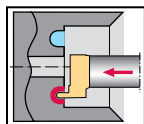
Exchangeable head – Axial grooving full radius – Contra

WE..-AD

mm



– Dmax unlimited



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

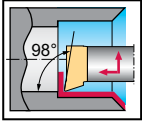
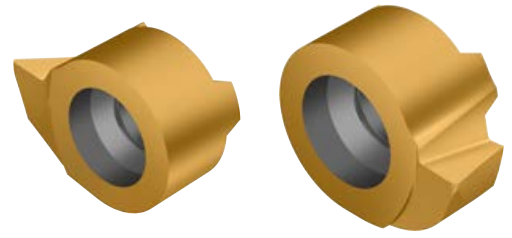
	Designation	d ₁ mm	s mm	r mm	T _{max} mm	D _{min} mm	f ₁ mm	l ₄ mm	f mm	WSM23X
	WE09-AD14-150R07	9	1,5	0,8	2,5	14	9	8,3	0,01–0,04	☺
	WE09-AD14-200R10	9	2	1	5	14	9	10,3	0,01–0,04	☺
	WE09-AD14-300R15	9	3	1,5	5	14	9	10,3	0,01–0,04	☺
	WE09-AD14-150L07	9	1,5	0,8	2,5	14	9	8,3	0,01–0,04	☺
	WE09-AD14-200L10	9	2	1	5	14	9	10,3	0,01–0,04	☺
	WE09-AD14-300L15	9	3	1,5	5	14	9	10,3	0,01–0,04	☺

Dimensional drawing shows right-hand version. | Ordering example for the grade WSM23X: WE09-AD14-150R07 WSM23X

Exchangeable head – Turning

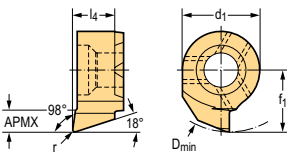
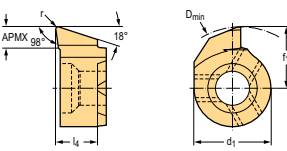
WE..-T

A2



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

	Designation	d ₁ mm	r mm	D _{min} mm	APMX mm	f mm	l ₄ mm	l ₂₀ mm	f mm	a _p mm	WSM23X
	WE05-T07-098R02	5	0,2	7	1,1	4,15	3,6	3,6	0,02–0,10	0,1–0,3	☺
	WE07-T10-098R02	7	0,2	10	1,9	5,6	3,8	3,8	0,02–0,10	0,1–0,3	☺
	WE05-T07-098L02	5	0,2	7	1,1	4,15	3,6	3,6	0,02–0,10	0,1–0,3	☺
	WE07-T10-098L02	7	0,2	10	1,9	5,6	3,8	3,8	0,02–0,10	0,1–0,3	☺

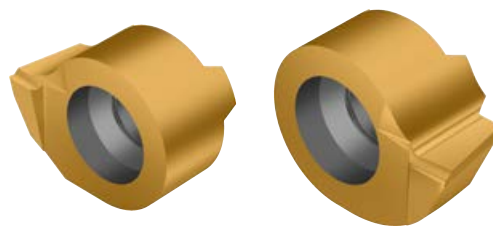
Ordering example for the grade WSM23X: WE05-T07-098R02 WSM23X

WALTER
SELECT

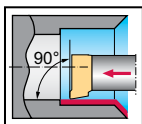
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Exchangeable head – Turning

WE..-T..X mm



– X=Ground chipformer



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

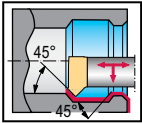
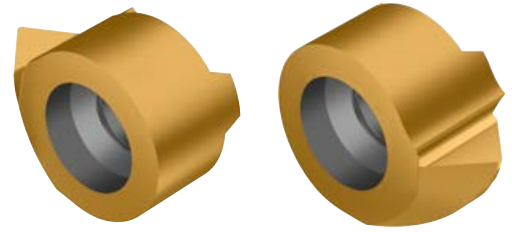
Designation	d ₁ mm	r mm	D _{min} mm	APMX mm	f mm	l ₄ mm	f mm	a _p mm	WSM23X
WE07-T10X090R02	7	0,2	10	1,8	5,6	3,8	0,02–0,10	0,1–0,3	☺
WE07-T10X090L02	7	0,2	10	1,8	5,6	3,8	0,02–0,10	0,1–0,3	☺

Ordering example for the grade WSM23X: WE07-T10X090R02 WSM23X

Exchangeable head – Turning and chamfering

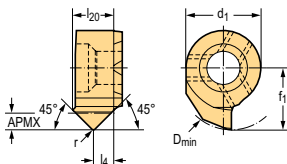
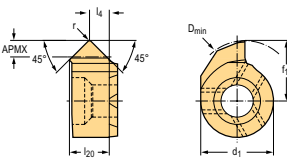
WE..-T

A2



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

Designation	d ₁ mm	r mm	D _{min} mm	APMX mm	f mm	l ₄ mm	l ₂₀ mm	f mm	a _p mm	WSM23X
 WE07-T10-045R02	7	0,2	10	1,5	5,8	1,9	3,9	0,03–0,14	0,1–0,3	☺
 WE07-T10-045L02	7	0,2	10	1,5	5,8	1,9	3,9	0,03–0,14	0,1–0,3	☺

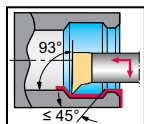
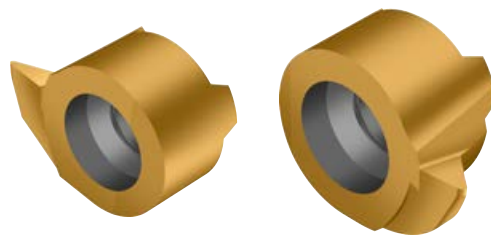
Ordering example for the grade WSM23X: WE07-T10-045R02 WSM23X

**WALTER
SELECT**

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

Exchangeable head – Copy turning

WE..-C



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

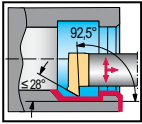
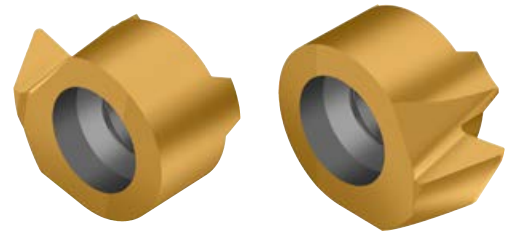
	Designation	d ₁ mm	r mm	D _{min} mm	APMX mm	f mm	l ₄ mm	f mm	a _p mm	WSM23X
	WE05-C07-093R02	5	0,2	7	1,2	4,15	3,4	0,02–0,10	0,1–0,3	☺
	WE07-C10-093R02	7	0,2	10	1,8	5,8	3,8	0,02–0,10	0,1–0,3	☺
	WE05-C07-093L02	5	0,2	7	1,2	4,15	3,4	0,02–0,10	0,1–0,3	☺
	WE07-C10-093L02	7	0,2	10	1,8	5,8	3,8	0,02–0,10	0,1–0,3	☺

Ordering example for the grade WSM23X: WE05-C07-093R02 WSM23X

Exchangeable head – Backward turning

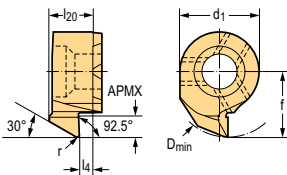
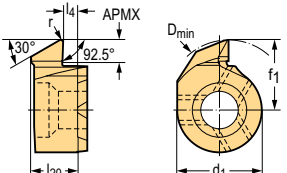
WE..-B

A2



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

	Designation	d ₁ mm	r mm	D _{min} mm	APMX mm	f mm	l ₄ mm	l ₂₀ mm	f mm	a _p mm	WSM23X
	WE07-B10-093R02	7	0,2	10	2	5,8	1,2	3,9	0,02–0,10	0,1–0,3	☺
	WE07-B10-093L02	7	0,2	10	2	5,8	1,2	3,9	0,02–0,10	0,1–0,3	☺

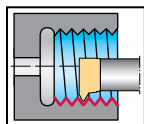
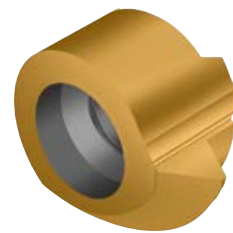
Ordering example for the grade WSM23X: WE07-B10-093R02 WSM23X

**WALTER
SELECT**

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

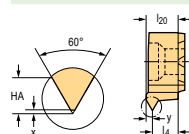
Exchangeable head – 60° partial profile

WE...I



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head



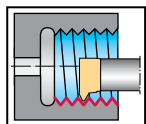
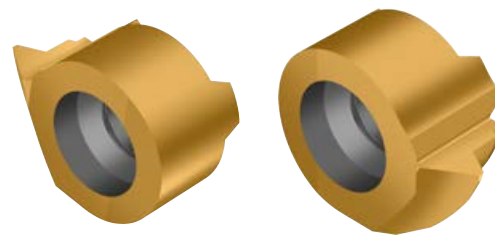
Designation	TP mm	TPI [Threads/ Inch]	d ₁ mm	l ₂₀ mm	D _{min} mm	l ₄ mm	f mm	HA mm	X mm	WSM23X
WE05-IR07-60050	0,5–0,8	51–32	5	3,8	7	3,8	4,15	0,48	0,05	☺
WE05-IR07-60100	1–1,3	25–20	5	3,8	7	2,6	3,8	0,8	0,1	☺
WE05-IR07-60150	1,5–1,8	17–15	5	3,8	7	2,4	4,15	1,11	0,16	☺
WE07-IR10-60050	0,5–0,8	51–32	7	3,8	10	3,3	5,8	0,49	0,06	☺
WE07-IR10-60100	1–1,3	25–20	7	3,8	10	3,1	5,8	1	0,1	☺
WE07-IR10-60150	1,5–1,8	17–15	7	3,8	10	1,9	5,8	1,2	0,16	☺
WE07-IR10-60200	2–2,5	13–10	7	3,8	10	2,7	5,8	1,82	0,22	☺
WE07-IR10-60250	2,5–3	10–8	7	3,8	10	2,5	5,8	2,17	0,27	☺

Y = l₂₀ – l₄ | Ordering example for the grade WSM23X: WE05-IR07-60050 WSM23X

Exchangeable head – Full profile, ISO metric 60°

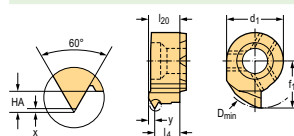
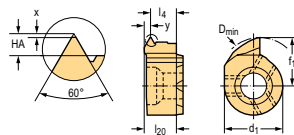
WE..-I

A2



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

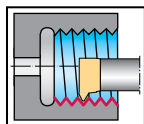
Exchangeable head

	Designation	TP mm	d ₁ mm	l ₂₀ mm	D _{min} mm	l ₄ mm	f mm	HA mm	X mm	WSM23X
	WE07-IR10-ISO050	0,5	7	3,8	10	3,3	5,8	0,27	0,05	☺
	WE07-IR10-ISO100	1	7	3,8	10	3,1	5,8	0,65	0,11	☺
	WE07-IR10-ISO150	1,5	7	3,8	10	2,9	5,8	0,81	0,16	☺
	WE07-IR10-ISO175	1,75	7	3,8	10	2,8	5,8	0,95	0,19	☺
	WE07-IR10-ISO200	2	7	3,8	10	2,7	5,8	1,08	0,22	☺
	WE07-IR10-ISO250	2,5	7	3,8	10	2,4	5,8	1,35	0,27	☺
	WE07-IL10-ISO050	0,5	7	3,8	10	3,3	5,8	0,27	0,05	☺
	WE07-IL10-ISO100	1	7	3,8	10	3,1	5,8	0,54	0,11	☺
	WE07-IL10-ISO150	1,5	7	3,8	10	2,9	5,8	0,81	0,16	☺
	WE07-IL10-ISO175	1,75	7	3,8	10	2,8	5,8	1,57	0,17	☺
	WE07-IL10-ISO200	2	7	3,8	10	2,7	5,8	1,08	0,22	☺
	WE07-IL10-ISO250	2,5	7	3,8	10	2,4	5,8	1,35	0,27	☺

Y = l₂₀ - l₄ | Ordering example for the grade WSM23X: WE07-IR10-ISO050 WSM23XWALTER
SELECT

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

Exchangeable head – Full profile, American UN 60°

WE...I


	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

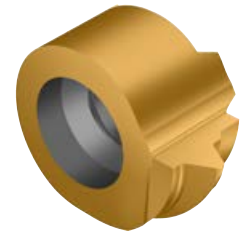
Exchangeable head

Designation	TPI [Threads/ Inch]	d ₁ mm	l ₂₀ mm	D _{min} mm	l ₄ mm	f mm	HA mm	X mm	WSM23X
WE07-IR10-UN14	14	7	3,9	10	3,1	5,8	1,17	0,19	☺
WE07-IR10-UN16	16	7	3,9	10	3	5,8	1,02	0,16	☺
WE07-IR10-UN18	18	7	3,9	10	3,1	5,8	0,91	0,15	☺
WE07-IR10-UN20	20	7	3,9	10	3,1	5,8	0,81	0,13	☺
WE07-IR10-UN24	24	7	3,9	10	3,2	5,8	0,68	0,11	☺
WE07-IR10-UN28	28	7	3,9	10	3,3	5,8	0,59	0,1	☺

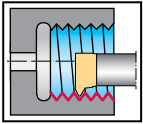
Y = l₂₀ - l₄ | Ordering example for the grade WSM23X: WE07-IR10-UN14 WSM23X

Exchangeable head – full profile, Whitworth 55°

WE..-I

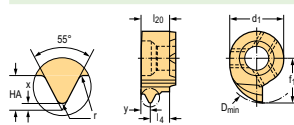


A2



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Exchangeable head

	Designation	TPI [Threads/ Inch]	r mm	d ₁ mm	l ₂₀ mm	D _{min} mm	l ₄ mm	f mm	HA mm	X mm	WSM23X
	WE07-IR10-W11	11	0,31	7	3,8	10	2,2	5,8	1,84	0,36	☺
	WE07-IR10-W14	14	0,24	7	3,8	10	2,5	5,8	1,44	0,28	☺
	WE07-IR10-W19	19	0,18	7	3,8	10	2,7	5,8	1,06	0,21	☺

$Y = l_{20} - l_4$ | Ordering example for the grade WSM23X: WE07-IR10-W11 WSM23X

**WALTER
SELECT**

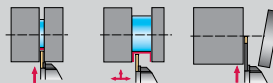
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Shank tools/parting blades

System



Machining



G3011



G3011...-P



G3021...-P

Designation

Insert width s [mm]	0,5–3,25	0,5–5,65	0,5–5,65
Cutting depth T_{max} [mm]	6	6	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 catalogue	451	453	457

QR code


www.walter-tools.com/woc/

G3011

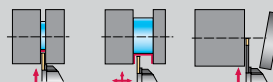
G3011-P

G3021-P

System



Machining



G3051...-P



G4014



G4014...-P

Designation

Insert width s [mm]	0,5–3,25	1–3	2–3
Cutting depth T_{max} [mm]	6	17,5	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 catalogue	459	464	466

QR code


www.walter-tools.com/woc/

G3051-P

G4014

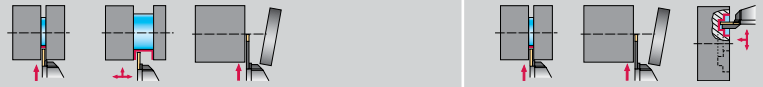
G4014-P

Shank tools/parting blades

System



Machining



G4011



G4011...-P



G4511

Designation

Insert width s [mm]	2-4	2-4	2-6
Cutting depth T_{max} [mm]	17	17	5
Coolant supply	External	Precision cooling	External
Shank size h [mm]	12-25	20-25	12-25
Shank size h [Inch]	0,750-1,000	1,000	
Page in catalogue	471	475	480

QR code


www.walter-tools.com/woc/

G4011

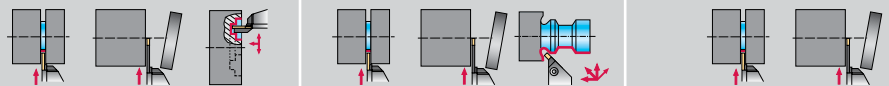
G4011-P

G4511

System



Machining



G4521



G4551



G4041

Designation

Insert width s [mm]	2-6	2-6	1,5-3
Cutting depth T_{max} [mm]	5	5	21
Coolant supply	External	External	External
Shank size h [mm]	20-25	20-25	26-32
Shank size h [Inch]			
Page in catalogue	481	482	485

QR code


www.walter-tools.com/woc/

G4521

G4551

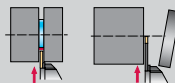
G4041

Shank tools/parting blades

System



Machining



G4041...-P



G4041...C



G4041...C-P

Designation

Insert width s [mm]	2-3	1,5-3	2-3
Cutting depth T_{max} [mm]	21	21	21
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26-32	26-32	26-32
Shank size h [Inch]			
Page in catalogue	486	487	486

QR code


www.walter-tools.com/woc/

G4041-P

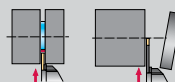
G4041-C

G4041-C-P

System



Machining



G4042...N



G4042...N...-P



G4634-P

Designation

Insert width s [mm]	1,5-4	3	2-3
Cutting depth T_{max} [mm]	40	40	16
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	26-32	26-32	E33
Shank size h [Inch]			
Page in catalogue	483	484	491

QR code


www.walter-tools.com/woc/

G4042-N

G4042-N-P

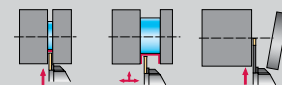
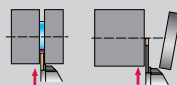
G4634-P

Shank tools/parting blades

System



Machining



NEW



G4635



G4635-P



G5011

Designation

Insert width s [mm]	1,5–3	2–2,5	2,5–6
Cutting depth T_{max} [mm]	17	16	33
Coolant supply	External	Precision cooling	External
Shank size h [mm]	E30	E33	12–32
Shank size h [Inch]			0,625–1,250
Page in catalogue	489	490	492

QR code



www.walter-tools.com/woc/

G4635

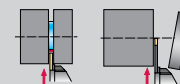
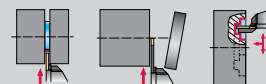
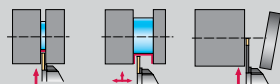
G4635-P

G5011

System



Machining



NEW

NEW

NEW



G5011...-P



G5511



G5041

Designation

Insert width s [mm]	2,5–6	2,5–6	3–4
Cutting depth T_{max} [mm]	33	8	33
Coolant supply	Precision cooling	External	External
Shank size h [mm]	12–25	20–25	26–32
Shank size h [Inch]	0,750–1,000	0,750–1,000	
Page in catalogue	497	513	517

QR code



www.walter-tools.com/woc/

G5011-P

G5511

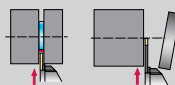
G5041

Shank tools/parting blades

System



Machining



NEW

NEW

NEW



Designation

G5041...-P

G5041...C

G5041...C-P

Insert width s [mm]	3-4	3-4	3-4
Cutting depth T_{max} [mm]	33	33	33
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26-32	26-32	26-32
Shank size h [Inch]			
Page in catalogue	520	519	520

QR code


www.walter-tools.com/woc/

G5041-P

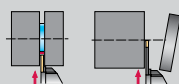
G5041-C

G5041-C-P

System



Machining



NEW

NEW

NEW



Designation

G5042...N

G5042...N...-P

G5111

Insert width s [mm]	3-6	3-4	3-6
Cutting depth T_{max} [mm]	80	50	25
Coolant supply	External	Precision cooling	External
Shank size h [mm]	26-32	26-32	25
Shank size h [Inch]			1,000
Page in catalogue	515	516	507

QR code


www.walter-tools.com/woc/

G5042-N

G5042-N-P

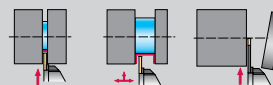
G5111

Shank tools/parting blades

System



Machining



G1011



G1011...-P



G1511

Designation

Insert width s [mm]	2-8	2-8	2-6
Cutting depth T_{max} [mm]	38	33	6
Coolant supply	External	Precision cooling	External
Shank size h [mm]	16-32	16-32	20-25
Shank size h [Inch]	0,750-1,500	0,750-1,000	0,750-1,000
Page in catalogue	522	524	531

QR code


www.walter-tools.com/woc/

G1011

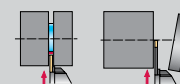
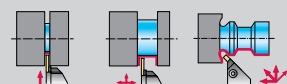
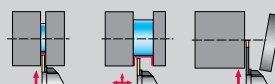
G1011-P

G1511

System



Machining



G1521



G1551



G1041

Designation

Insert width s [mm]	2-6	2-6	2-4
Cutting depth T_{max} [mm]	6	6	32
Coolant supply	External	External	External
Shank size h [mm]	20-25	20-25	26-32
Shank size h [Inch]	0,750-1,000	0,750-1,000	
Page in catalogue	533	535	538

QR code


www.walter-tools.com/woc/

G1521

G1551

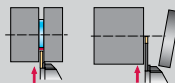
G1041

Shank tools/parting blades

System



Machining



G1041...-P



G1041...C



G1041...C-P

Designation

Insert width s [mm]	3-4	2-4	2-4
Cutting depth T_{max} [mm]	33	32	33
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26-32	26-32	26-32
Shank size h [Inch]			
Page in catalogue	539	540	539

QR code


www.walter-tools.com/woc/

G1041-P

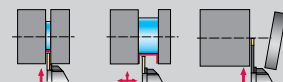
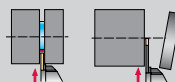
G1041-C

G1041-C-P

System



Machining



G1042



XLCFN



MSS...E...

Designation

Insert width s [mm]	2-6	3-6	0,6-8
Cutting depth T_{max} [mm]	60	21	21
Coolant supply	External	External	External
Shank size h [mm]	26-32	32	E20-E32
Shank size h [Inch]			
Page in catalogue	537	542	546

QR code


www.walter-tools.com/woc/

G1042

XLCFN

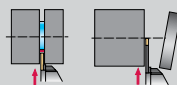
MSS-E

Shank tools/parting blades

System



Machining



G1332



G1634-P



G1111

Designation

Insert width s [mm]	3	2-4	3-6
Cutting depth T_{max} [mm]	15	33	25
Coolant supply		Precision cooling	External
Shank size h [mm]	EXT	E33-E43	25
Shank size h [Inch]			1,000
Page in catalogue	545	543	548

QR code


www.walter-tools.com/woc/

G1332

G1634-P

G1111

System



Machining



G1111...-P



MSS...E...A



MSS...E...C

Designation

Insert width s [mm]	5	3-6	4-6
Cutting depth T_{max} [mm]	33	15	25
Coolant supply	Precision cooling	External	External
Shank size h [mm]	25	E20-E32	E25
Shank size h [Inch]			
Page in catalogue	550	546	546

QR code


www.walter-tools.com/woc/

G1111-P

MSS-E-A

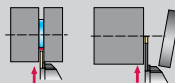
MSS-E-C

Shank tools/parting blades

System



Machining



G2012



G2012...-P



G2042...R/L

Designation

Insert width s [mm]	1,5–3	2–6	1,5–4
Cutting depth T_{max} [mm]	33	40	33
Coolant supply	External	Internal	External
Shank size h [mm]	20–25	12–25	26–32
Shank size h [Inch]	0,750–1,000	0,500–1,000	
Page in catalogue	556	557	562

QR code


www.walter-tools.com/woc/

G2012

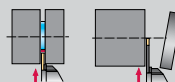
G2012-P

G2042-R-L

System



Machining



G2042...R/L...-P



G2042...R/L...C



G2042...R/L...C-P

Designation

Insert width s [mm]	2–4	4	2–4
Cutting depth T_{max} [mm]	33	33	33
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26–32	32	26–32
Shank size h [Inch]			
Page in catalogue	564	563	564

QR code


www.walter-tools.com/woc/

G2042-R-L-P

G2042-R-L-C

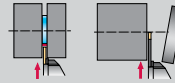
G2042-R-L-C-P

Shank tools/parting blades

System



Machining



Designation



G2042...N



G2042...N...-P



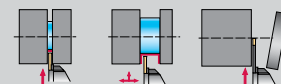
G2632-E...R/L...-SX

Insert width s [mm]	2-6	3-10	2-8
Cutting depth T_{max} [mm]	80	100	45
Coolant supply	External	Precision cooling	External
Shank size h [mm]	26-46	26-52	E20-E32
Shank size h [Inch]			
Page in catalogue	561	564	572
QR code			
www.walter-tools.com/woc/	G2042-N	G2042-N-P	G2632

System



Machining



Designation



G2016...-P



MSS-...00



MSS-...90

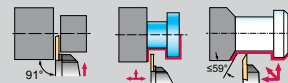
Insert width s [mm]	12-19		
Cutting depth T_{max} [mm]	41		
Coolant supply	Precision cooling	External	External
Shank size h [mm]	25-32	20-32	20-32
Shank size h [Inch]		0,750-1,250	0,750-1,250
Page in catalogue	573	568	570
QR code			
www.walter-tools.com/woc/	G2016-P	MSS-00	MSS-90

Shank tools/parting blades

System



Machining



G2661...-P



SBN



W2011

Designation

Insert width s [mm]			0,5–3
Cutting depth $T_{\max}$ [mm]			8,5
Coolant supply	Internal	External	External
Shank size h [mm]	16–40	20–40	10–16
Shank size h [Inch]	0,750–1,500	0,750–1,250	0,500–0,625
Page in catalogue	578	576	574

QR code

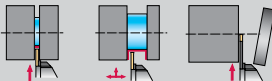

www.walter-tools.com/woc/

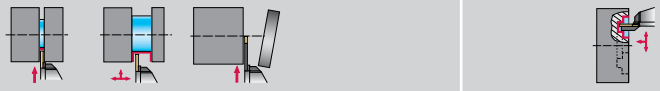
G2661-P

SBN

W2011

Walter Capto™ groove turning holders

System	 MX..	 DX..	 GD..
Machining			
			 NEW
Designation	G3011-C...-P	G4011-C...-P	G5011-C...-P
Insert width s [mm]	0,5–5,65	2	3–6
Cutting depth T _{max} [mm]	6	17	21
Coolant supply	Precision cooling	Precision cooling	Precision cooling
Walter Capto™ size	C3–C6	C3–C4	C3–C6
Page in catalogue	580	581	582
QR code			
www.walter-tools.com/woc/	G3011-C-P	G4011-C-P	G5011-C-P

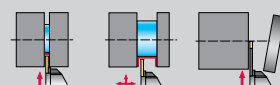
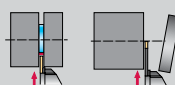
System	 GX..		
Machining			
			
Designation	G1011-C...-P	MSS...E...	MSS...E...A
Insert width s [mm]	3–5	0,6–8	3–6
Cutting depth T _{max} [mm]	21	21	15
Coolant supply	Precision cooling	External	External
Walter Capto™ size	C3–C6	E20–E32	E20–E32
Page in catalogue	583	546	546
QR code			
www.walter-tools.com/woc/	G1011-C-P	MSS-E	MSS-E-A

Walter Capto™ groove turning holders

System



Machining



Designation

MSS...E...C

G2632-E...R/L...-SX

C...-MSS...00

Insert width s [mm]

4–6

2–8

Cutting depth T_{max} [mm]

25

45

Coolant supply

External

External

Internal

Walter Capto™ size

E25

E20–E32

C3–C6

Page in catalogue

546

572

588

QR code


www.walter-tools.com/woc/

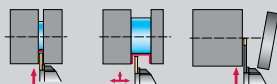
MSS-E-C

G2632

C-MSS

System

Machining



Designation

C...-MSS...90

Insert width s [mm]

Cutting depth T_{max} [mm]

Coolant supply

Internal

Walter Capto™ size

C4–C6

Page in catalogue

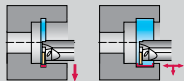
589

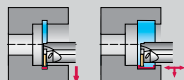
QR code


www.walter-tools.com/woc/

C-MSS-90

Boring bars – Internal grooving

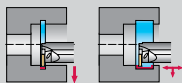
System	 MX..	 DX..	 GX..
Machining			
Designation	G3221...-P	G4221...-P	I12
Insert width s [mm]	0,5–3,25	2–4	2–2,5
Cutting depth T _{max} [mm]	4	10	3
Coolant supply	Precision cooling	Precision cooling	External
Boring bar Ø d ₁ [mm]	32	25–32	16
Boring bar Ø d ₁ [inch]		0,959–1,250	
Page in catalogue	591	592	594
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 [mm]	2–6	0,6–6	
Cutting depth T _{max} [mm]	12	19	
Coolant supply	Precision cooling	External	Internal
Boring bar Ø d ₁ [mm]	16–40	116–140	20–40
Boring bar Ø d ₁ [inch]	0,602–1,500		0,698–1,500
Page in catalogue	595	546	597
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 [mm]

Cutting depth T_{max} [mm]

Coolant supply

Internal

Boring bar $\varnothing d_1$ [mm]

20–50

Boring bar $\varnothing d_1$ [inch]

0,039–2,000

Page in catalogue

597

QR code


www.walter-tools.com/woc/

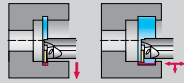
MSS-I-2-5

Exchangeable head QuadFit – Internal grooving

System



Machining



Designation

G4221-Q...-P

Insert width s [mm]

3–4

Cutting depth T_{max} [mm]

21

Coolant supply

Precision cooling

QuadFit size

Q32–Q50

Page in catalogue

603

QR code


www.walter-tools.com/woc/

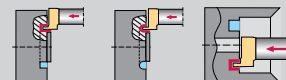
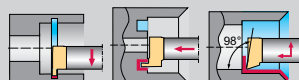
G4221-Q-P

Boring bars WE – Internal machining

System



Machining



W3270-A



W3270-E



W3271-E

Designation

Insert width s [mm]

Cutting depth T_{max} [mm]

Coolant supply

Internal

Internal

Internal

Shank size h [mm]

11–15

11–15

15

Shank size h [Inch]

0,461–0,586

0,433–0,586

0,586

Page in catalogue

604

605

608

QR code


www.walter-tools.com/woc/

W3270-A

W3270-E

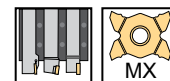
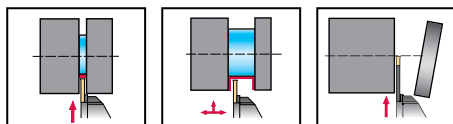
W3271-E

G3011 mm

- Screw clamping



A2



Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth $T_{\max}$ – see cutting inserts | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

	s [mm]	0.5 - 3.3
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 5 Nm
	Torx key	FS2572 (T20IP)

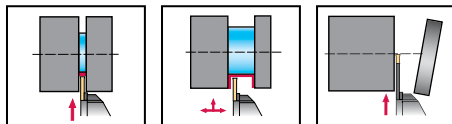
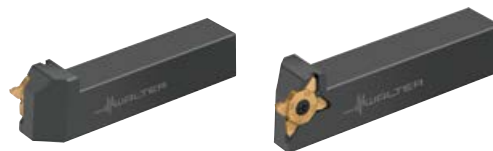
	s [mm]	0.5 - 3.3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool - Radial grooving

G3011

Walter Cut

– Screw clamping



Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	Type
	G3011-2020R-MX22-2	0.5 - 3.3	6	20	20	18,3	125	26	MX22-2E ..
	G3011-2525R-MX22-2		6	25	25	23,3	125	26	
	G3011-2020L-MX22-2	0.5 - 3.3	6	20	20	18,3	125	26	MX22-2E ..
	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 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 5 Nm
	Torx key	FS2572 (T20IP)

Accessories

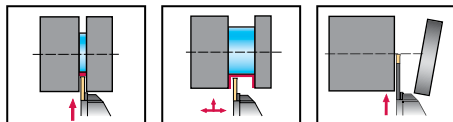
	s [mm]	0.5 - 3.3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

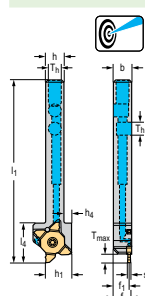
G3011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	h ₄ mm	T _h	Type
G3011-1212R-MX22-2-P	0.5 - 3.3	6	12	12	10.3	120	26	5	G1/8"	MX22-2E ..
G3011-1616R-MX22-2-P		6	16	16	14.3	120	26		G1/8"	
G3011-1616R-MX22-4-P	4 - 5.7	6	16	16	13.2	120	26	4	G1/8"	MX22-4E ..
G3011-1212L-MX22-2-P	0.5 - 3.3	6	12	12	10.3	120	26	5	G1/8"	MX22-2E ..
G3011-1616L-MX22-2-P		6	16	16	14.3	120	26		G1/8"	
G3011-1616L-MX22-4-P	4 - 5.7	6	16	16	13.2	120	26	4	G1/8"	MX22-4E ..

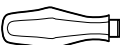
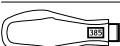
Square shank

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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3	4 - 5.7
	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 (T20IP)	FS2572 (T20IP)

Accessories

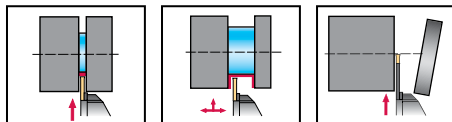
	s [mm]	0.5 - 3.3 - 4 - 5.7
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

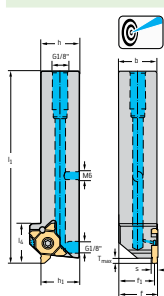
G3011...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation	s mm	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 - 3.3	6	20	20	18,3	125	26	MX22-2E ..
G3011-2525R-MX22-2-P		6	25	25	23,3	125	26	
G3011-2020R-MX22-4-P	4 - 5.7	6	20	20	17,2	125	26	MX22-4E ..
G3011-2525R-MX22-4-P		6	25	25	22,2	125	26	
G3011-2020L-MX22-2-P	0.5 - 3.3	6	20	20	18,3	125	26	MX22-2E ..
G3011-2525L-MX22-2-P		6	25	25	23,3	125	26	
G3011-2020L-MX22-4-P	4 - 5.7	6	20	20	17,2	125	26	MX22-4E ..
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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]	0.5 - 3.3	4 - 5.7
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 (T20IP)	FS2572 (T20IP)

Accessories

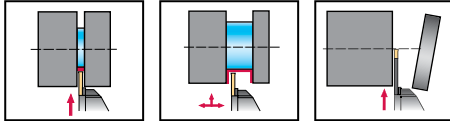
s [mm]	0.5 - 3.3-4 - 5.7
Torque screwdriver, analogue	FS2003
Torque screwdriver, digital	FS2248
Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

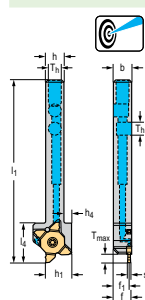
G3011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



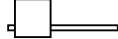
Designation

	s 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	0,020 - 0,130	0,236	0,500	0,500	0,434	4,724	1,024	0,169	5/16"X24	MX22-2E ..
G3011.10R-MX22-2-P		0,236	0,625	0,625	0,559	4,724	1,024		G1/8"	
G3011.08L-MX22-2-P	0,020 - 0,130	0,236	0,500	0,500	0,434	4,724	1,024	0,169	5/16"X24	MX22-2E ..
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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0.020 - 0.130
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	UNF 5/16-24 threaded plug	FS2593 (SW 4)
	Torx key	FS2572 (T20IP)

Accessories

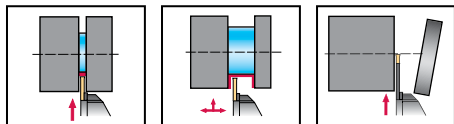
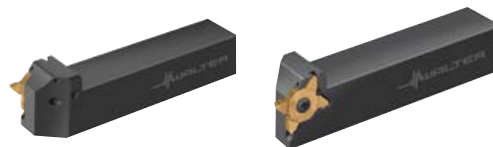
	s [inch]	0.020 - 0.130
	5/16" UNF angle connection	FS2594
	5/16" UNF connection element	FS2595
	Copper gasket	FS2598
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

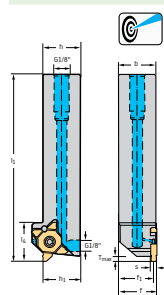
G3011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

Designation	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	0,020 - 0,130	0,236	0,750	0,750	0,684	5,906	1,024	MX22-2E ..
G3011.16R-MX22-2-P		0,236	1,000	1,000	0,934	5,906	1,024	
G3011.12R-MX22-4-P	0,157 - 0,224	0,236	0,750	0,750	0,639	5,906	1,024	MX22-4E ..
G3011.16R-MX22-4-P		0,236	1,000	1,000	0,889	5,906	1,024	
G3011.12L-MX22-2-P	0,020 - 0,130	0,236	0,750	0,750	0,684	5,906	1,024	MX22-2E ..
G3011.16L-MX22-2-P		0,236	1,000	1,000	0,934	5,906	1,024	
G3011.16L-MX22-4-P	0,157 - 0,224	0,236	1,000	1,000	0,889	5,906	1,024	MX22-4E ..

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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]	0.020 - 0.130	0.157 - 0.224
Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 3,688 lbs	FS2571 (T20IP) 3,688 lbs
G 1/8" threaded plug	FS2258 (SW 2)	FS2258 (SW 2)
Torx key	FS2572 (T20IP)	FS2572 (T20IP)

Accessories

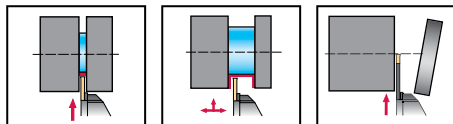
s [inch]	0.020 - 0.130–0.157 - 0.224
Torque screwdriver, analogue	FS2004
Torque screwdriver, digital	FS2248
Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

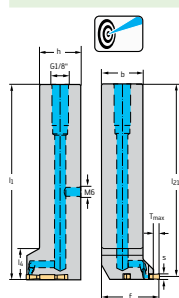
G3021...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool

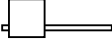


Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	l ₂₁ mm	Type
G3021-2020R-MX22-2-P	0.5 - 3.3	6	20	20	30	125	19	123,3	MX22-2E ..
G3021-2525R-MX22-2-P		6	25	25	35	125	19	123,3	
G3021-2020L-MX22-2-P	0.5 - 3.3	6	20	20	30	125	19	123,3	MX22-2E ..
G3021-2525L-MX22-2-P		6	25	25	35	125	19	123,3	

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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]	0.5 - 3.3
 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 (T20IP)

Accessories

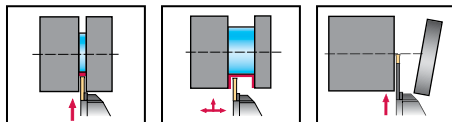
s [mm]	0.5 - 3.3
 Torque screwdriver, analogue	FS2003
 Torque screwdriver, digital	FS2248
 Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

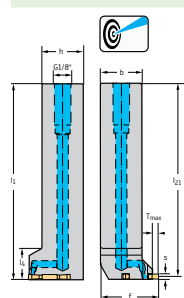
G3021...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation	s 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	0,020 - 0,130	0,236	1,000	1,000	1,394	5,906	0,748	5,842	MX22-2E ..
G3021.16R-MX22-4-P	0,157 - 0,224	0,236	1,000	1,000	1,394	5,906	0,748	5,794	MX22-4E ..
G3021.16L-MX22-2-P	0,020 - 0,130	0,236	1,000	1,000	1,394	5,906	0,748	5,842	MX22-2E ..
G3021.16L-MX22-4-P	0,157 - 0,224	0,236	1,000	1,000	1,394	5,906	0,748	5,794	MX22-4E ..

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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]	0.020 - 0.130–0.157 - 0.224
	Clamping screw for grooving insert Tightening torque FS2571 (T20IP) 3,688 lbs
	G 1/8" threaded plug FS2258 (SW 2)
	Torx key FS2572 (T20IP)

Accessories

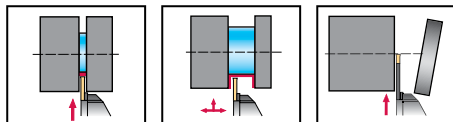
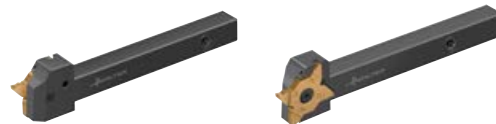
s [inch]	0.020 - 0.130–0.157 - 0.224
	Torque screwdriver, analogue FS2004
	Torque screwdriver, digital FS2248
	Interchangeable blade FS2015 (T20IP)

Shank tool 3° – Radial grooving

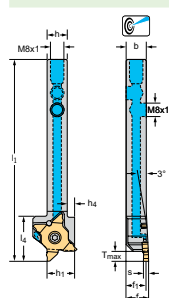
G3051...-P mm

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool



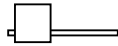
Designation

	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	h ₄ mm	Type
G3051-1212R-MX22-2-P	0.5 - 3.3	6	12	12	13,3	120	26	5	MX22-2R ..
G3051-1212L-MX22-2-P	0.5 - 3.3	6	12	12	13,3	120	26	5	MX22-2L ..

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 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 5 Nm
	M8X1 threaded plug	FS2587 (SW 4)
	Torx key	FS2572 (T20IP)

Accessories

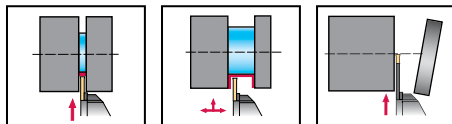
	s [mm]	0.5 - 3.3
	M8x1 angle connection	FS2596
	M8x1 connection element	FS2597
	Copper gasket	FS2598
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool 3° – Radial grooving

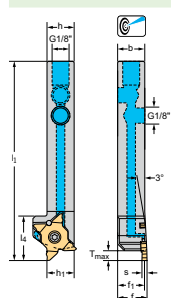
G3051...-P

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

Type

G3051-1616R-MX22-2-P

0.5 - 3.3

6

16

16

17,3

120

26

MX22-2R ..

G3051-1616L-MX22-2-P

0.5 - 3.3

6

16

16

17,3

120

26

MX22-2L ..

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 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]

0.5 - 3.3


Clamping screw for grooving insert
Tightening torque

FS2570 (T20IP)
5 Nm


G 1/8" threaded plug

FS2258 (SW 2)



Torx key

FS2572 (T20IP)

Accessories

s [mm]

0.5 - 3.3



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

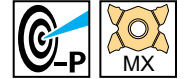
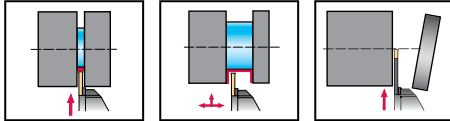
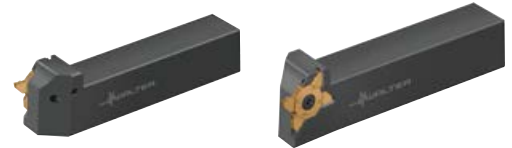
FS2015 (T20IP)

Shank tool 3° – Radial grooving

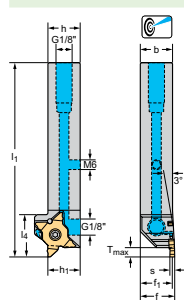
G3051...-P mm

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool



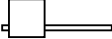
Designation

	s mm	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 - 3.3	6	20	20	21,3	125	26	MX22-2R ..
G3051-2525R-MX22-2-P		6	25	25	26,3	125	26	
G3051-2020L-MX22-2-P	0.5 - 3.3	6	20	20	21,3	125	26	MX22-2L ..
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 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3
	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 (T20IP)

Accessories

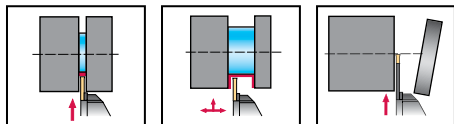
	s [mm]	0.5 - 3.3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool 3° – Radial grooving

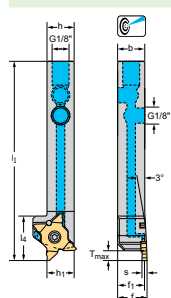
G3051...-P inch

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool



Designation	s 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	0,020 - 0,130	0,236	0,625	0,625	0,678	4,724	1,024	MX22-2R ..
G3051.10L-MX22-2-P	0,020 - 0,130	0,236	0,625	0,625	0,678	4,724	1,024	MX22-2L ..

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 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0.020 - 0.130
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS2572 (T20IP)

Accessories

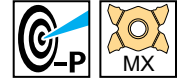
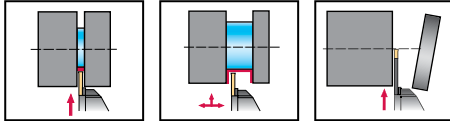
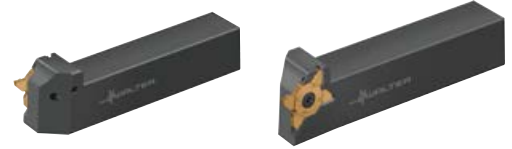
	s [inch]	0.020 - 0.130
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool 3° – Radial grooving

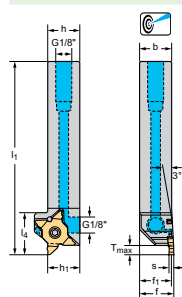
G3051...-P inch

Walter Cut

- Grooving and parting off on high shoulders
- Precision cooling



Tool

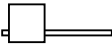


Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	Type
G3051.12R-MX22-2-P	0,020 - 0,130	0,236	0,750	0,750	0,803	5,906	1,024	MX22-2R ..
G3051.16R-MX22-2-P		0,236	1,000	1,000	1,053	5,906	1,024	
G3051.12L-MX22-2-P	0,020 - 0,130	0,236	0,750	0,750	0,803	5,906	1,024	MX22-2L ..
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 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0.020 - 0.130
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS2572 (T20IP)

Accessories

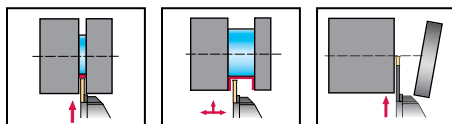
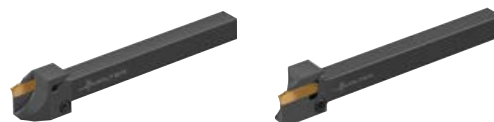
	s [inch]	0.020 - 0.130
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

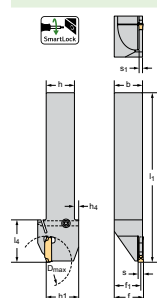
G4014

Walter Cut

– Side screw clamping



Tool



Square shank

Designation

s
mm

D_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

h₄
mm

l₄
mm

s₁
mm

Type

G4014-1010R-1T12DX18

1

25

10

10

9,6

110

3,5

23

0,8

DX18-1E1 ..

G4014-1212R-1T12DX18

1

25

12

12

11,6

110

3

22,3

0,8

DX18-1E1 ..

G4014-1010R-1.5T10DX18

1,5

20

10

10

9,4

110

3,5

22

1,2

DX18-1E1.5 ..

G4014-1212R-1.5T12DX18

1,5

25

12

12

11,4

110

3

22,3

1,2

DX18-1E1.5 ..

G4014-1616R-1.5T12DX18

1,5

25

16

16

15,4

120

4

24

1,2

DX18-1E1.5 ..

G4014-1010R-2T10DX18

2

20

10

10

9,2

110

3,5

22

1,6

DX18-2E2 ..

G4014-1212R-2T12DX18

2

25

12

12

11,2

110

3

22,3

1,6

DX18-2E2 ..

G4014-1616R-2T12DX18

2

25

16

16

15,2

120

4

24

1,6

DX18-2E2 ..

G4014-1616R-2T17DX18

2

35

16

16

15,2

120

4

30

1,6

DX18-2E2 ..

G4014-2020R-2T17DX18

2

35

20

20

19,2

120

3

30

1,6

DX18-2E2 ..

G4014-1212R-3T12DX18

3

25

12

12

10,8

110

3

22,3

2,4

DX18-3E3 ..

G4014-1616R-3T17DX18

3

35

16

16

14,8

120

4

30

2,4

DX18-3F3 ..

G4014-2020R-3T17DX18

3

35

20

20

18,8

120

3

30

2,4

DX18-3F3 ..

G4014-1010L-1T12DX18

1

25

10

10

9,6

110

3,5

23

0,8

DX18-1E1 ..

G4014-1212L-1T12DX18

1

25

12

12

11,6

110

3

22,3

0,8

DX18-1E1 ..

G4014-1010L-1.5T10DX18

1,5

20

10

10

9,4

110

3,5

22

1,2

DX18-1E1.5 ..

G4014-1212L-1.5T12DX18

1,5

25

12

12

11,4

110

3

22,3

1,2

DX18-1E1.5 ..

G4014-1616L-1.5T12DX18

1,5

25

16

16

15,4

120

4

24

1,2

DX18-1E1.5 ..

G4014-1010L-2T10DX18

2

20

10

10

9,2

110

3,5

22

1,6

DX18-2E2 ..

G4014-1212L-2T12DX18

2

25

12

12

11,2

110

3

22,3

1,6

DX18-2E2 ..

G4014-1616L-2T12DX18

2

25

16

16

15,2

120

4

24

1,6

DX18-2E2 ..

G4014-1616L-2T17DX18

2

35

16

16

15,2

120

4

30

1,6

DX18-2E2 ..

G4014-2020L-2T17DX18

2

35

20

20

19,2

120

3

30

1,6

DX18-2E2 ..

G4014-1212L-3T12DX18

3

25

12

12

10,8

110

3

22,3

2,4

DX18-3E3 ..

G4014-1616L-3T17DX18

3

35

16

16

14,8

120

4

30

2,4

DX18-3F3 ..

G4014-2020L-3T17DX18

3

35

20

20

18,8

120

3

30

2,4

DX18-3F3 ..

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	1	1,5–3
	Clamping screw for grooving insert Tightening torque	FS2586 (T15IP) 2 Nm	FS2586 (T15IP) 2 Nm
	Screw plug	FS2589	FS2589
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)

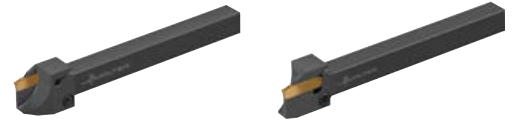
Accessories

	s [mm]	1–3
	Torque screwdriver, analogue	FS2003
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

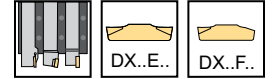
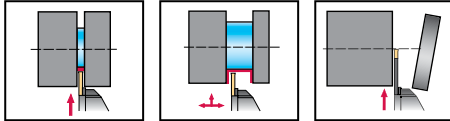
Shank tool – Radial grooving

G4014 inch

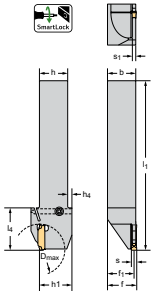
Walter Cut



– Side screw clamping



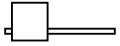
Tool

	Designation	s 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	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	0,059	0,984	0,500	0,500	0,476	4,331	0,091	0,878	0,047	DX18-1E1.5 ..
	G4014.10L-3T17DX18	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. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,059	0,118
	Clamping screw for grooving insert Tightening torque	FS2586 (T15IP) 1,475 lbs	FS2585 (T15IP) 1,844 lbs
	Screw plug	FS2589	FS2589
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)

Accessories

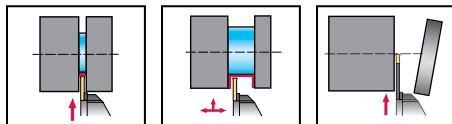
	s [inch]	0,059–0,118
	Torque screwdriver, analogue	FS2004
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

Shank tool – Radial grooving

G4014...-P mm

Walter Cut

- Side screw clamping
- Precision cooling



Tool

	Designation	s 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
	G4014-1212R-2T12DX18-P	2	25	12	12	11,2	110	3	22,3	1,6	DX18-2E2 ..
	G4014-1212R-2.5T12DX18-P	2,5	25	12	12	11	110	3	22,3	2,1	DX18-2E2.5 ..
	G4014-1212R-3T12DX18-P	3	25	12	12	10,8	110	3	22,3	2,4	DX18-3E3 .. DX18-3F3 ..
	G4014-1212L-2T12DX18-P	2	25	12	12	11,2	110	3	22,3	1,6	DX18-2E2 ..
	G4014-1212L-2.5T12DX18-P	2,5	25	12	12	11	110	3	22,3	2,1	DX18-2E2.5 ..
	G4014-1212L-3T12DX18-P	3	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) | $f = f_1 + s/2$ | Refer to the Walter online catalogue 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	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

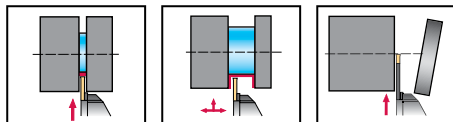
G4014...-P

Walter Cut

- Side screw clamping
- Precision cooling



A2



Tool

	Designation	mm	mm	mm	mm	mm	mm	mm	mm	Type	
Square shank	G4014-1616R-2T12DX18-P	2	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	35	16	16	15	120	4	30	2,1	DX18-2E2.5 ..
	G4014-1616R-3T17DX18-P	3	35	16	16	14,8	120	4	30	2,4	DX18-3E3 .. DX18-3F3 ..
	G4014-1616L-2T12DX18-P	2	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	35	16	16	15	120	4	30	2,1	DX18-2E2.5 ..
	G4014-1616L-3T17DX18-P	3	35	16	16	14,8	120	4	30	2,4	DX18-3E3 .. DX18-3F3 ..

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) | Refer to the Walter online catalogue 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	FS2585 (T15IP) 2,5 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

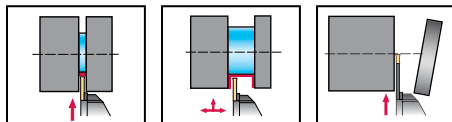
Shank tool – Radial grooving

G4014...-P

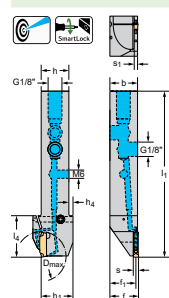
mm

Walter Cut

- Side screw clamping
- Precision cooling



Tool



Designation

	s 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
G4014-2020R-2T17DX18-P	2	35	20	20	19,2	120	3	30	1,6	DX18-2E2 ..
G4014-2020R-3T17DX18-P	3	35	20	20	18,8	120	3	30	2,4	DX18-3E3 .. DX18-3F3 ..
G4014-2020L-2T17DX18-P	2	35	20	20	19,2	120	3	30	1,6	DX18-2E2 ..
G4014-2020L-3T17DX18-P	3	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) | Refer to the Walter online catalogue 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	FS2585 (T15IP) 2,5 Nm
	Screw plug	FS2589
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

Accessories

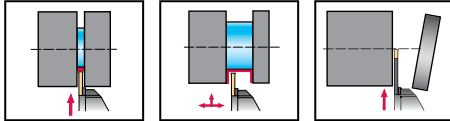
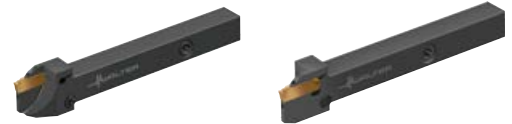
	s [mm]	2–3
	Torque screwdriver, analogue	FS2003
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

Shank tool – Radial grooving

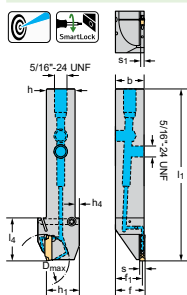
G4014...-P inch

Walter Cut

- Side screw clamping
- Precision cooling



Tool



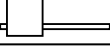
Designation

	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	0,079	0,984	0,500	0,500	0,469	4,331	0,091	0,878	0,063	DX18-2E2 ..
G4014.08R-3T12DX18-P	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	0,079	0,984	0,500	0,500	0,469	4,331	0,091	0,878	0,063	DX18-2E2 ..
G4014.08L-3T12DX18-P	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) | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,079–0,118
	Clamping screw for grooving insert Tightening torque	FS2586 (T15IP) 1,475 lbs
	Screw plug	FS2589
	UNF 5/16-24 threaded plug	FS2593 (SW 4)
	Torx key	FS1465 (T15IP)

Accessories

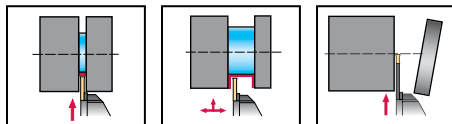
	s [inch]	0,079–0,118
	Torque screwdriver, analogue	FS2004
	Interchangeable blade	FS2014 (T15IP)
	5/16" UNF angle connection	FS2594
	5/16" UNF connection element	FS2595
	Copper gasket	FS2598
	Torque screwdriver, digital	FS2248

Shank tool – Radial grooving

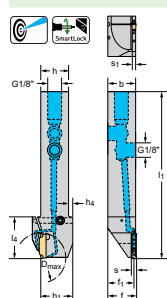
G4014...-P inch

Walter Cut

- Side screw clamping
- Precision cooling



Tool



Designation

	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
G4014.10R-2T17DX18-P	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	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	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	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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,079–0,118
	Clamping screw for grooving insert Tightening torque	FS2585 (T15IP) 1,844 lbs
	Screw plug	FS2589
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

Accessories

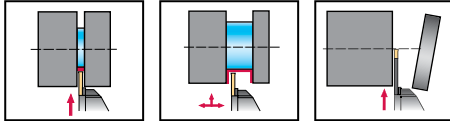
	s [inch]	0,079–0,118
	Torque screwdriver, analogue	FS2004
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

Shank tool – Radial grooving

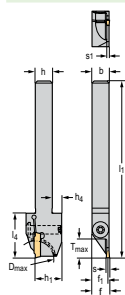
G4011

Walter Cut

– Screw clamping



Tool



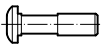
Designation

Designation	s mm	T _{max} mm	D _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	h ₄ mm	s ₁ mm	Type
G4011-1212R-2T12DX18	2	12	25	12	12	14,3	125	31,5	6,5	1,6	DX18-2E2 ..
G4011-1616R-2T17DX18		17	35	16	16	15,2	125	33,5	6,5	1,6	
G4011-1616R-3T17DX18	3	17	35	16	16	14,8	125	33,5	6,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-1212L-2T12DX18	2	12	25	12	12	14,3	125	31,5	6,5	1,6	DX18-2E2 ..
G4011-1616L-2T17DX18		17	35	16	16	15,2	125	28	6,5	1,6	
G4011-1616L-3T17DX18	3	17	35	16	16	14,8	125	33,5	6,5	2,4	DX18-3E3 .. DX18-3F3 ..

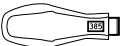
Square shank

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue 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
	Allen key	FS1464 (T20IP)

Accessories

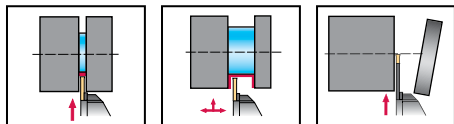
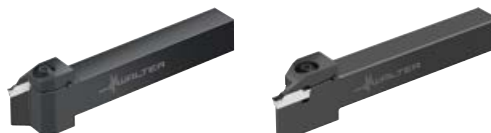
	s [mm]	2-3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

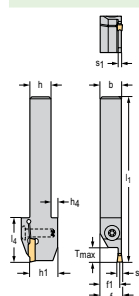
G4011

Walter Cut

– Screw clamping



Tool



Designation

G4011-1616R-2T10DX18

G4011-1616L-2T10DX18

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

h₄
mm

s₁
mm

Type

DX18-2E2 ..

DX18-2E2 ..

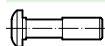
Square shank

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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


Allen key

FS1464 (T20IP)

Accessories

s [mm]

2



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

Shank tool – Radial grooving

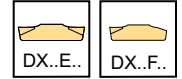
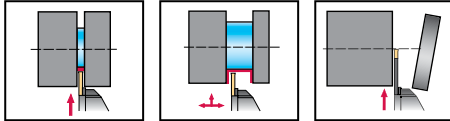
G4011 mm

Walter Cut

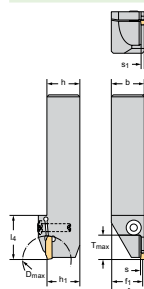
– Screw clamping



A2



Tool

	Designation	s mm	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
	G4011-2020R-2T17DX18	2	17	120	20	20	19,2	125	33,5	1,6	DX18-2E2 ..
	G4011-2525R-2T17DX18		17	120	25	25	24,2	125	33,5	1,6	
	G4011-2525R-2.5T17DX18	2,5	17	120	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
	G4011-2020R-3T17DX18	3	17	120	20	20	18,8	125	33,5	2,4	DX18-3E3 ..
	G4011-2525R-3T17DX18		17	120	25	25	23,8	125	33,5	2,4	DX18-3F3 ..
	G4011-2020L-2T17DX18	2	17	120	20	20	19,2	125	33,5	1,6	DX18-2E2 ..
	G4011-2525L-2T17DX18		17	120	25	25	24,2	125	33,5	1,6	
	G4011-2525L-2.5T17DX18	2,5	17	120	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
	G4011-2020L-3T17DX18	3	17	120	20	20	18,8	125	33,5	2,4	DX18-3E3 ..
	G4011-2525L-3T17DX18		17	120	25	25	23,8	125	33,5	2,4	DX18-3F3 ..

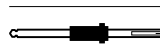
Square shank

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue 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
	Allen key	FS1464 (T20IP)

Accessories

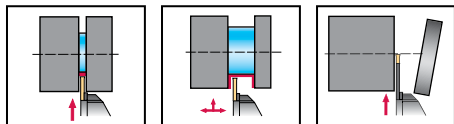
	s [mm]	2-3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

G4011

Walter Cut

– Screw clamping



Tool	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
 Square shank	G4011-2020R-2T10DX18	2	10	20	20	19,2	125	28	1,6	DX18-2E2 ..
	G4011-2525R-2T10DX18		10	25	25	24,2	125	28	1,6	DX18-2E2 ..
	G4011-1616R-3T10DX18	3	10	16	16	14,3	125	28	2,4	DX18-3E3 ..
	G4011-2020R-3T10DX18		10	20	20	18,8	125	28	2,4	DX18-3F3 ..
	G4011-2525R-3T10DX18	4	10	25	25	23,8	125	28	2,4	DX18-3E3 ..
	G4011-1616R-4T10DX18		10	16	16	14,3	125	28	3,4	DX18-4E4 ..
	G4011-2020R-4T10DX18	4	10	20	20	18,3	125	28	3,4	DX18-4F4 ..
	G4011-2020R-4T17DX18		17	20	20	18,3	125	33,5	3,4	DX18-4F4 ..
	G4011-2525R-4T10DX18	4	10	25	25	23,2	125	28	3,4	DX18-4E4 ..
	G4011-2525R-4T17DX18		17	25	25	23,2	125	33,5	3,4	DX18-4F4 ..
	G4011-2020L-2T10DX18	2	10	20	20	19,2	125	28	1,6	DX18-2E2 ..
	G4011-2525L-2T10DX18		10	25	25	24,2	125	28	1,6	DX18-2E2 ..
	G4011-2020L-3T10DX18	3	10	20	20	18,8	125	28	2,4	DX18-3E3 ..
	G4011-2525L-3T10DX18		10	25	25	23,8	125	28	2,4	DX18-3F3 ..
	G4011-2020L-4T10DX18	4	10	20	20	18,3	125	28	3,4	DX18-4E4 ..
	G4011-2020L-4T17DX18		17	20	20	18,3	125	33,5	3,4	DX18-4F4 ..
	G4011-2525L-4T10DX18	4	10	25	25	23,2	125	28	3,4	DX18-4E4 ..
	G4011-2525L-4T17DX18		17	25	25	23,2	125	33,5	3,4	DX18-4F4 ..

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 catalogue 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

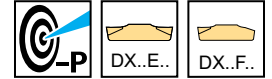
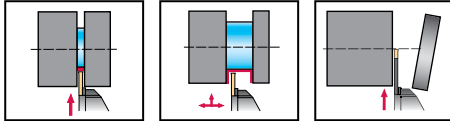
	s [mm]	2–4
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

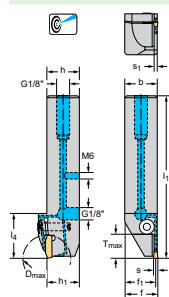
G4011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

s
mmT_{max}
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
mm

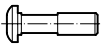
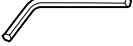
Type

G4011-2525R-2T17DX18-P	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2.5T17DX18-P	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525R-3T17DX18-P	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525L-2T17DX18-P	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525L-2.5T17DX18-P	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525L-3T17DX18-P	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..

Square shank

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue 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)
	M6 threaded plug	FS2288 (SW 3)
	Allen key	FS1464 (T20IP)

Accessories

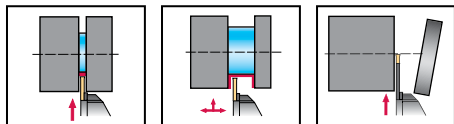
	s [mm]	2-3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

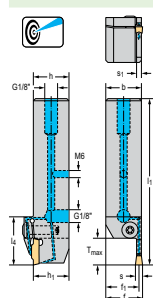
G4011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
mm

Type

G4011-2020R-4T17DX18-P

4

17

20

20

18,3

125

33,5

3,4

DX18-4E4 ..
DX18-4F4 ..

G4011-2525R-4T17DX18-P

4

17

25

25

23,3

125

33,5

3,4

G4011-2020L-4T17DX18-P

4

17

20

20

18,3

125

33,5

3,4

DX18-4E4 ..
DX18-4F4 ..

G4011-2525L-4T17DX18-P

4

17

25

25

23,3

125

33,5

3,4

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) | 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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]

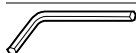
4


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, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

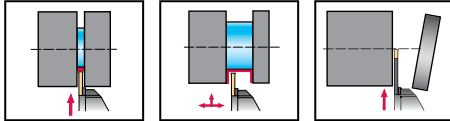
FS2015 (T20IP)

Shank tool – Radial grooving

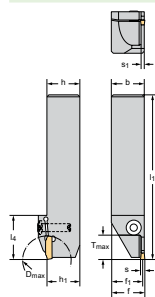
G4011 inch

Walter Cut

– Screw clamping



Tool



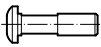
Designation

Designation	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	0,118	0,669	4,724	1,000	1,000	0,953	4,921	1,319	0,094	DX18-3E3 .. DX18-3F3 ..
G4011.16L-3T17DX18	0,118	0,669	4,724	1,000	1,000	0,953	4,921	1,319	0,094	DX18-3E3 .. DX18-3F3 ..

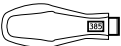
Square shank

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | $f = f_1 + s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue 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) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

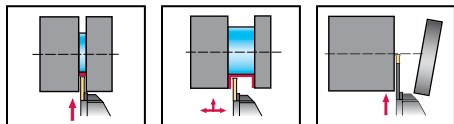
	s [inch]	0,118
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

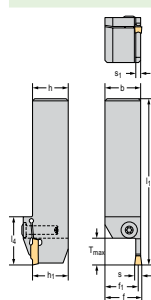
G4011 inch

Walter Cut

– Screw clamping



Tool



Square shank

Designation

s
inch

T_{max}
inch

h = h₁
inch

b
inch

f₁
inch

l₁
inch

l₄
inch

s₁
inch

Type

G4011.12R-2T10DX18

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

DX18-3E3 ..

G4011.16R-3T10DX18

0,118

0,394

1,000

1,000

0,953

4,921

1,102

0,094

DX18-3F3 ..

G4011.12R-4T17DX18

0,157

0,669

0,750

0,750

0,685

4,921

1,319

0,134

DX18-4E4 ..

G4011.16R-4T17DX18

0,669

1,000

1,000

0,933

4,921

1,319

0,134

DX18-4F4 ..

G4011.16L-2T10DX18

0,079

0,394

1,000

1,000

0,969

4,921

1,102

0,063

DX18-2E2 ..

G4011.16L-3T10DX18

0,118

0,394

1,000

1,000

0,953

4,921

1,102

0,094

DX18-3E3 ..

G4011.12L-4T17DX18

0,157

0,669

0,750

0,750

0,685

4,921

1,319

0,134

DX18-4E4 ..

G4011.16L-4T17DX18

0,669

1,000

1,000

0,933

4,921

1,319

0,134

DX18-4F4 ..

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]

0,079–0,157



Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
3,688 lbs



Allen key

FS1464 (T20IP)

Accessories

s [inch]

0,079–0,157



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

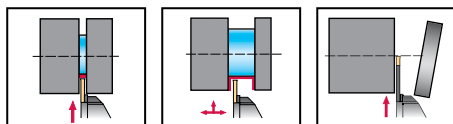
FS2015 (T20IP)

Shank tool – Radial grooving

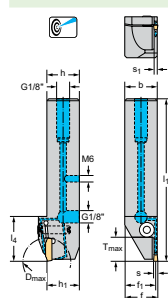
G4011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation	s 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	0,079	0,669	1,378	1,000	1,000	0,969	4,921	1,319	0,063	DX18-2E2 ..
G4011.16R-3T17DX18-P	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	0,079	0,669	1,378	1,000	1,000	0,969	4,921	1,319	0,063	DX18-2E2 ..
G4011.16L-3T17DX18-P	0,118	0,669	1,378	1,000	1,000	0,953	4,921	1,319	0,094	DX18-3E3 .. DX18-3F3 ..

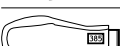
Square shank

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | $f_1 = f - s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,079–0,118
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Allen key	FS1464 (T20IP)

Accessories

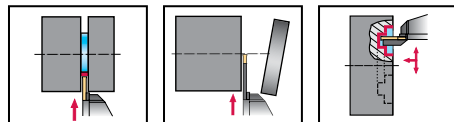
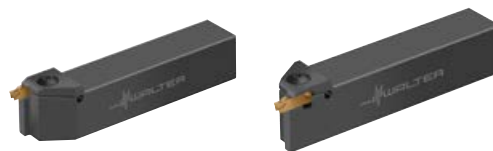
	s [inch]	0,079–0,118
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Universal

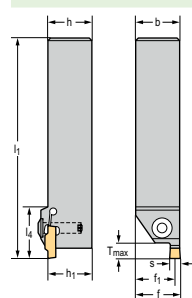
G4511

Walter Cut

- Screw clamping
- Different grooving widths fit in one tool



Tool



Designation

G4511-1212R-T5DX18
G4511-1616R-T5DX18
G4511-2020R-T5DX18
G4511-2525R-T5DX18
G4511-2020L-T5DX18
G4511-2525L-T5DX18

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

Type

DX18- . E ..
DX18- . F ..

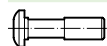
Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

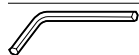
s [mm]

2 - 6



Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
5 Nm



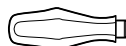
Allen key

FS1464 (T20IP)

Accessories

s [mm]

2 - 6



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

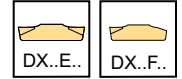
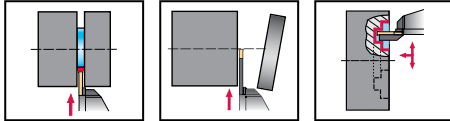
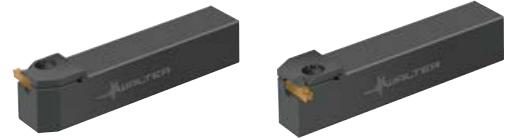
FS2015 (T20IP)

Shank tool – 90° universal

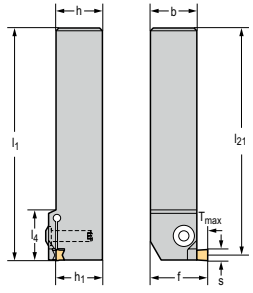
G4521 mm

Walter Cut

- Screw clamping
- Different grooving widths fit in one tool



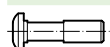
Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₄ mm	l ₂₁ mm	Type
	G4521-2020R-T5DX18	2 - 6	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	5	20	20	25,5	27	117,4	DX18- . E ..
	G4521-2525L-T5DX18		5	25	25	30,5	27	122,4	DX18- . F ..

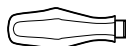
Square shank

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | Refer to the Walter online catalogue 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, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

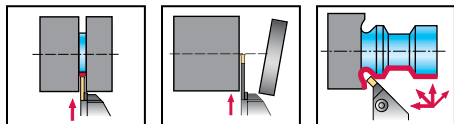
A2

Shank tool – 45° universal

G4551

Walter Cut

- Screw clamping
- Different grooving widths fit in one tool



Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₂₁ mm	l ₄ mm	Type
	G4551-2020R-T5DX18	2 - 6	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	5	25	25	27,3	127,5	32	DX18- . E .. DX18- . F ..

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + 0.707 \times s/2$ | $l_1 = l_{21} + 0.707 \times s/2$ | Refer to the Walter online catalogue 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, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Deep parting blade

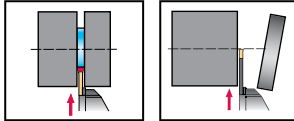
G4042...N

Walter Cut

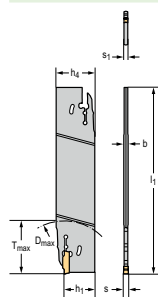
– Self-clamping system



A2



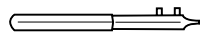
Tool



Designation	s mm	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	17	35	26	3,5	130	17,4	1,2	DX18-1E1.5 ..
G4042-26N-2T25DX18	2	25	50	26	3,5	130	17,4	1,6	DX18-2E2 ..
G4042-26N-3T40DX18	3	40	80	26	3,5	130	17,3	2,4	DX18-3E3 .. DX18-3F3 ..
G4042-26N-4T40DX18	4	40	80	26	3,5	130	17,2	3,4	DX18-4E4 .. DX18-4F4 ..
G4042-32N-1.5T17DX18	1,5	17	35	32	3,5	150	21,1	1,2	DX18-1E1.5 ..
G4042-32N-2T25DX18	2	25	50	32	3,5	150	21,1	1,6	DX18-2E2 ..
G4042-32N-3T40DX18	3	40	80	32	3,5	150	21	2,4	DX18-3E3 .. DX18-3F3 ..
G4042-32N-4T40DX18	4	40	80	32	3,5	150	20,9	3,4	DX18-4E4 .. DX18-4F4 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

	s [mm]	1,5–4
	Mounting wrench for grooving insert	FS1494

A2

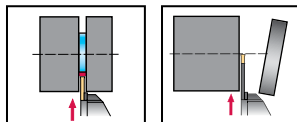
Deep parting blade

G4042...N...-P

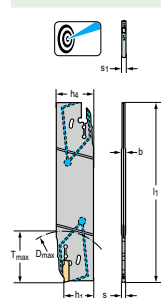
mm

Walter Cut

- Self-clamping system
- Precision cooling



Tool



Designation	s mm	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	40	80	26	3,5	130	17,3	2,4	DX18-3E3 .. DX18-3F3 ..
G4042-32N-3T40DX18-P	3	40	80	32	3,5	150	21	2,4	DX18-3E3 .. DX18-3F3 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]

3



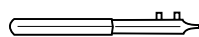
Coolant transfer insert

FS2282

Accessories

s [mm]

3



Mounting wrench for grooving insert

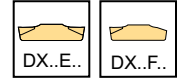
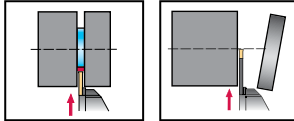
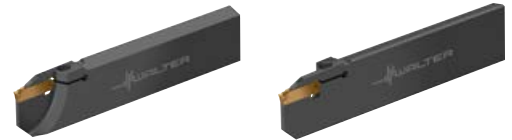
FS1494

Reinforced parting blade

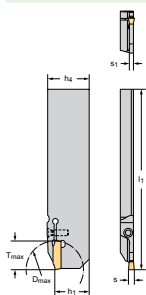
G4041

Walter Cut

– Screw clamping



Tool



Designation

s
mmT_{max}
mmD_{max}
mmh₄
mml₁
mmh₁
mms₁
mm

Type

G4041-26R-1.5T17DX18	1,5	17	35	26	110	21,3	1,2	DX18-1E1.5 ..
G4041-26R-2T17DX18	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-32R-2T21DX18		21	42	32	110	25	2,5	DX18-3E3 .. DX18-3F3 ..
G4041-26R-3T17DX18	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
G4041-26L-1.5T17DX18	1,5	17	35	26	110	21,3	1,2	DX18-1E1.5 ..
G4041-26L-2T17DX18	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-26L-3T17DX18	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..

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

Assembly parts

s [mm]

1,5–3



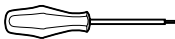
Clamping screw for grooving insert
Tightening torque

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

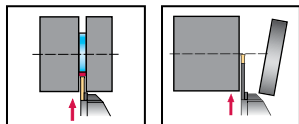
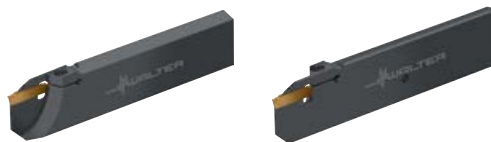
FS2014 (T15IP)

Reinforced parting blade

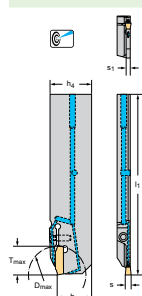
G4041...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

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	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-26R-3T17DX18-P	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
G4041-26L-2T17DX18-P	2	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	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 catalogue 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

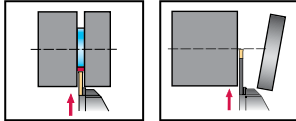
	s [mm]	2-3
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Reinforced parting blade – Contra

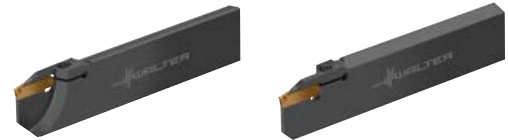
G4041...C

Walter Cut

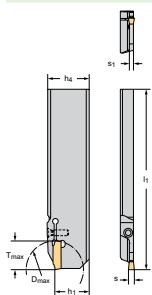
– Screw clamping



A2



Tool



Designation

s
mmT_{max}
mmD_{max}
mmh₄
mml₁
mmh₁
mms₁
mm

Type

G4041-26R-1.5T17DX18C	1,5	17	35	26	110	21,3	1,2	DX18-1E1.5 ..
G4041-26R-2T17DX18C	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-32R-2T21DX18C		21	42	32	110	25	1,6	
G4041-26R-3T17DX18C	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
G4041-26L-1.5T17DX18C	1,5	17	35	26	110	21,3	1,2	DX18-1E1.5 ..
G4041-26L-2T17DX18C	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-32L-2T21DX18C		21	42	32	110	25	1,6	
G4041-26L-3T17DX18C	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..

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

Assembly parts

s [mm]

1,5–3



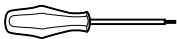
Clamping screw for grooving insert
Tightening torque

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

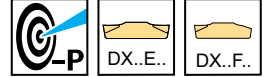
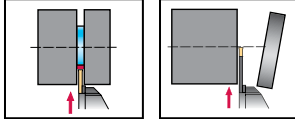
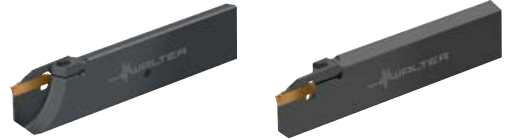
FS2014 (T15IP)

Reinforced parting blade – Contra

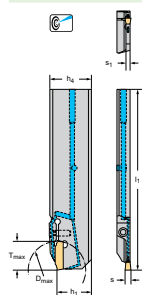
G4041...C-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	h ₁ mm	s ₁ mm	Type
G4041-26R-2T17DX18C-P	2	17	35	26	110	21,3	DX18-2E2 ..
G4041-32R-2T21DX18C-P		21	42	32	110	21,3	
G4041-26R-3T17DX18C-P	3	17	35	26	110	21,3	DX18-3E3 .. DX18-3F3 ..
G4041-32R-3T21DX18C-P		21	42	32	110	21,3	
G4041-26L-2T17DX18C-P	2	17	35	26	110	21,3	DX18-2E2 ..
G4041-32L-2T21DX18C-P		21	42	32	110	21,3	
G4041-26L-3T17DX18C-P	3	17	35	26	110	21,3	DX18-3E3 .. DX18-3F3 ..
G4041-32L-3T21DX18C-P		21	42	32	110	21,3	

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue 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

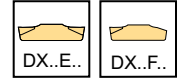
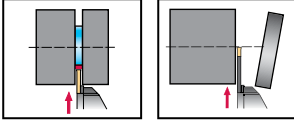
	s [mm]	2-3
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Grooving module – Radial grooving

G4635 mm

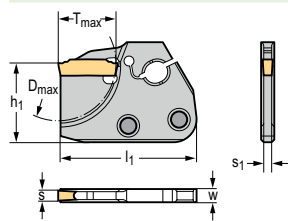
Walter Cut

- Screw clamping
- Replacement module



A2

Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
G4635-30N-1.5T10DX18	1,5	10	35	24	4	41,9	1,2	E30	DX18-1E1.5 ..
G4635-30N-2T17DX18	2	17	35	24	4	41,9	1,6	E30	DX18-2E2 ..
G4635-30N-3T17DX18	3	17	35	24	4	41,9	2,4	E30	DX18-3E3 .. DX18-3F3 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

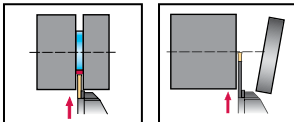
Grooving module – Radial grooving

G4635-P

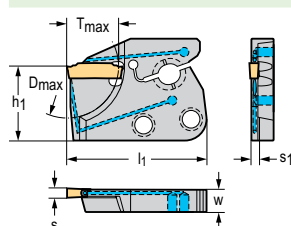
mm

Walter Cut

- Screw clamping
- Replacement module



Tool



Designation	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	16	32	24	7,2	45,2	1,6	E33	DX18-2E2 ..
G4635-33L-2.5T16DX18-P	2,5	16	32	24	7,2	45,2	2,1	E33	DX18-2E2.5 ..

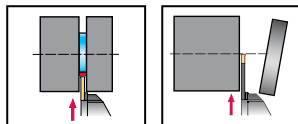
The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Grooving module – Radial grooving

G4634-P mm

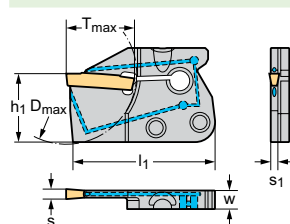
Walter Cut

- Screw clamping
- Replacement module



A2

Tool



Designation

Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
G4634-33L-2T13DX18-P	2	13	26	24	4	36	1,6	E33	DX18-2E2 ..
G4634-33L-2T16DX18-P		16	32	24	7,2	45,5	1,6	E33	
G4634-33L-3T16DX18-P	3	16	32	24	7,2	45,5	2,4	E33	DX18-3E3 .. DX18-3F3 ..

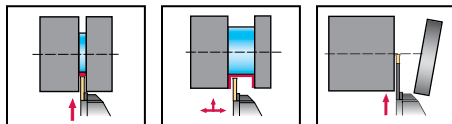
If no D₂ or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | If a clamping wedge is used, please use screw FS2622 | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Shank tool – Radial grooving

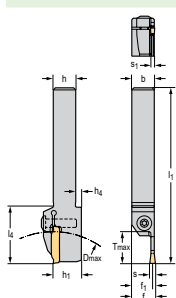
G5011

Groov-tec™ GD

– Screw clamping



Tool



Designation	s mm	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
★ G5011-1212R-2.5T16GD26	2,5	16	120	12	12	11	119,5	4	29,5	2,1	GD26-2.5 ..
G5011-1616R-3T21GD26	3	21	120	16	16	14,8	150	4	40	2,4	GD26-3 ..
★ G5011-1212L-2.5T16GD26	2,5	16	120	12	12	11	119,5	4	29,5	2,1	GD26-2.5 ..
G5011-1616L-3T21GD26	3	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 catalogue 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	3
 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

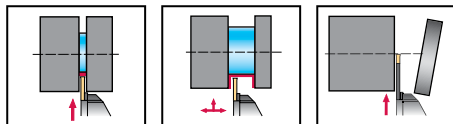
s [mm]	2,5	3
 Torque screwdriver, analogue	FS2003	
 Torque screwdriver, digital	FS2248	
 Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)

Shank tool – Radial grooving

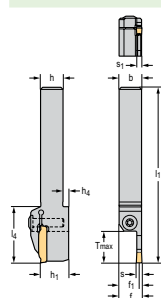
G5011 mm

Groov-tec™ GD

– Screw clamping



Tool

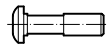
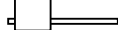


Square shank

Designation	s mm	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
★ G5011-1212R-2.5T12GD26	2,5	12	12	12	11	119,5	4	29,5	2,1	GD26-2.5 ..
★ G5011-1212R-3T12GD26	3	12	12	12	10,8	119,5	4	29,5	2,4	GD26-3 ..
G5011-1616R-3T12GD26		12	16	16	14,8	135	4	35	2,4	
G5011-1616R-4T12GD26	4	12	16	16	14,3	135	4	35	3,4	GD26-4 ..
G5011-1616R-4T21GD26		21	16	16	14,3	150	4	40	3,4	
G5011-1616R-5T12GD26	5	12	16	16	13,9	135	4	35	4,2	GD26-5 ..
★ G5011-1212L-2.5T12GD26	2,5	12	12	12	11	119,5	4	29,5	2,1	GD26-2.5 ..
★ G5011-1212L-3T12GD26	3	12	12	12	10,8	119,5	4	29,5	2,4	GD26-3 ..
G5011-1616L-3T12GD26		12	16	16	14,8	135	4	35	2,4	
★ G5011-1616L-4T12GD26	4	12	16	16	14,3	135		35	3,4	GD26-4 ..
G5011-1616L-4T21GD26		21	16	16	14,3	150	4	40	3,4	
G5011-1616L-5T12GD26	5	12	16	16	13,9	135	4	35	4,2	GD26-5 ..

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue 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]	2,5–3 12	3–5 16
	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

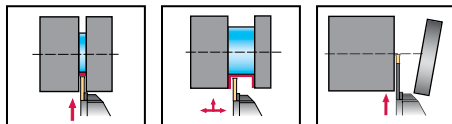
	s [mm] b [mm]	2,5–3 12	3–5 16
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)

Shank tool – Radial grooving

G5011

Groov-tec™ GD

– Screw clamping



Tool	Designation	s mm	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
Square shank	G5011-2012R-3T21GD26	3	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	
	G5011-2020R-3T26GD26		26	120	20	20	18,8	150	45	2,4	
	G5011-2525R-3T21GD26		21	120	25	25	23,8	150	40	2,4	
	G5011-2525R-3T26GD26		26	120	25	25	23,8	150	45	2,4	
	★ G5011-3232R-3T21GD26		21	120	32	32	30,8	150	40	2,4	
	★ G5011-2020R-4T26GD26	4	26	120	20	20	18,3	150	45	3,4	GD26-4 ..
	G5011-2525R-4T26GD26		26	120	25	25	23,3	150	45	3,4	
	G5011-2525R-4T33GD26		33	120	25	25	23,3	150	55	3,4	
	★ G5011-3232R-4T26GD26		26	120	32	32	30,3	150	45	3,4	
	G5011-2012L-3T21GD26	3	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	
	G5011-2020L-3T26GD26		26	120	20	20	18,8	150	45	2,4	
	G5011-2525L-3T21GD26		21	120	25	25	23,8	150	40	2,4	
	G5011-2525L-3T26GD26		26	120	25	25	23,8	150	45	2,4	
	★ G5011-3232L-3T21GD26		21	120	32	32	30,8	150	40	2,4	
	★ G5011-2020L-4T26GD26	4	26	120	20	20	18,3	150	45	3,4	GD26-4 ..
	G5011-2525L-4T26GD26		26	120	25	25	23,3	150	45	3,4	
	G5011-2525L-4T33GD26		33	120	25	25	23,3	150	55	3,4	
	★ G5011-3232L-4T26GD26		26	120	32	32	30,3	150	45	3,4	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue 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	3–4 20–25	3–4 32
Clamping screw for grooving insert Tightening torque		FS1473 (T15IP) 3,9 Nm	FS2118 (T20IP) 5 Nm	M08X020 ISO4762 12.9 (SW 6) 10 Nm
Torx key		FS1465 (T15IP)		
Allen key			FS1464 (T20IP)	ISO2936-6 (SW 6)

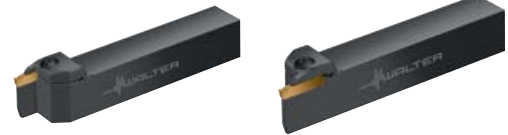
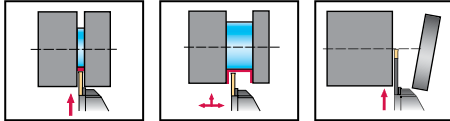
Accessories	s [mm] b [mm]	3 12	3–4 20–25	3–4 32
Torque screwdriver, analogue		FS2003		
Torque T-handle				FS2041
Torque screwdriver, digital		FS2248		
Interchangeable blade		FS2014 (T15IP)	FS2015 (T20IP)	SD2000-6.0 SW (SW 6)

Shank tool – Radial grooving

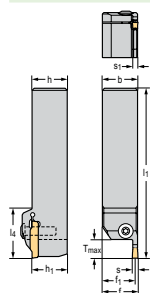
G5011 mm

Groov-tec™ GD

– Screw clamping



Tool



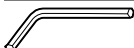
Square shank

Designation	s mm	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	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	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	21	25	25	23,3	150	40	3,4	GD26-5 ..
G5011-2020R-5T12GD26		12	20	20	17,9	145	35	4,2	
G5011-2020R-5T21GD26		21	20	20	17,9	150	40	4,2	
G5011-2525R-5T12GD26	6	12	25	25	22,9	145	35	4,2	GD26-6 ..
G5011-2525R-5T21GD26		21	25	25	22,9	150	40	4,2	
G5011-2525R-5T33GD26		33	25	25	22,9	150	55	4,2	
★ G5011-3232R-5T33GD26	6	33	32	32	29,9	150	55	4,2	GD26-6 ..
G5011-2020R-6T12GD26		12	20	20	17,4	145	35	5,2	
G5011-2020R-6T21GD26		21	20	20	17,4	150	40	5,2	
G5011-2525R-6T12GD26		12	25	25	22,4	145	35	5,2	
G5011-2525R-6T21GD26		21	25	25	22,8	150	40	5,2	
G5011-2525R-6T33GD26		33	25	25	22,4	150	55	5,2	
★ G5011-3232R-6T33GD26	3	33	32	32	29,4	150	55	5,2	GD26-6 ..
G5011-2020L-3T12GD26		12	20	20	18,8	145	35	2,4	
G5011-2525L-3T12GD26	4	12	25	25	23,8	145	35	2,4	GD26-3 ..
G5011-2020L-4T12GD26		12	20	20	18,3	145	35	3,4	
G5011-2020L-4T21GD26	5	21	20	20	18,3	150	40	3,4	GD26-4 ..
G5011-2525L-4T12GD26		12	25	25	23,3	145	35	3,4	
G5011-2525L-4T21GD26		21	25	25	23,3	150	40	3,4	
G5011-2020L-5T12GD26	6	12	20	20	17,9	145	35	4,2	GD26-5 ..
G5011-2020L-5T21GD26		21	20	20	17,9	150	40	4,2	
G5011-2525L-5T12GD26		12	25	25	22,9	145	35	4,2	
G5011-2525L-5T21GD26	6	21	25	25	22,9	150	40	4,2	GD26-6 ..
G5011-2525L-5T33GD26		33	25	25	22,9	150	55	4,2	
★ G5011-3232L-5T33GD26		33	32	32	29,9	150	55	4,2	
G5011-2020L-6T12GD26	6	12	20	20	17,4	145	35	5,2	GD26-6 ..
G5011-2020L-6T21GD26		21	20	20	17,4	150	40	5,2	
G5011-2525L-6T12GD26		12	25	25	22,4	145	35	5,2	
G5011-2525L-6T21GD26		21	25	25	22,4	150	40	5,2	
G5011-2525L-6T33GD26		33	25	25	22,4	150	55	5,2	
★ G5011-3232L-6T33GD26		33	32	32	29,4	150	55	5,2	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

A2

Assembly parts

	s [mm]	3-4	5-6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)	FS1464 (T20IP)

Accessories

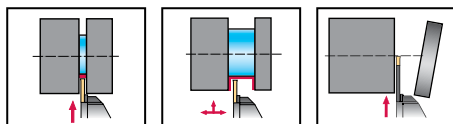
	s [mm]	3-4	5-6
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital		FS2041
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2015 (T20IP)	

Shank tool – Radial grooving

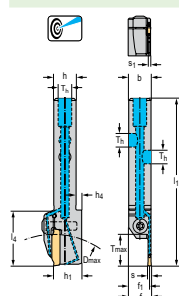
G5011...-P mm

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



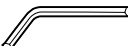
Designation

Designation	s mm	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	21	120	16	16	15	120	4	40	2,1	G1/8"	GD26-2.5 ..
G5011-1616R-3T21GD26-P	3	21	120	16	16	14,8	120	4	40	2,4	G1/8"	GD26-3 ..
G5011-1616L-2.5T21GD26-P	2,5	21	120	16	16	15	120	4	40	2,1	G1/8"	GD26-2.5 ..
G5011-1616L-3T21GD26-P	3	21	120	16	16	14,8	120	4	40	2,4	G1/8"	GD26-3 ..

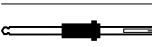
Square shank

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 catalogue 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]	2,5–3 16
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)

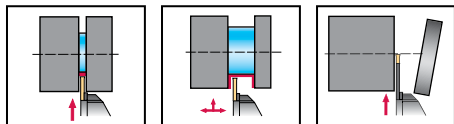
Accessories

	s [mm] b [mm]	2,5–3 16
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

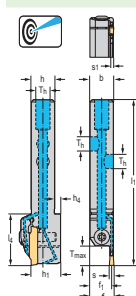
Shank tool – Radial grooving

G5011...-P mm
Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



Designation	s mm	T _{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
★ G5011-1212R-3T12GD26-P	3	12	12	12	10,8	121,5	4	31,5	2,4	M8X1	GD26-3 ..
G5011-1616R-3T12GD26-P		12	16	16	14,8	120	4	35	2,4	G1/8"	
G5011-1616R-4T12GD26-P	4	12	16	16	14,3	120	4	35	3,4	G1/8"	GD26-4 ..
★ G5011-1212L-3T12GD26-P	3	12	12	12	10,8	121,5	4	31,5	2,4	M8X1	GD26-3 ..
G5011-1616L-3T12GD26-P		12	16	16	14,8	120	4	35	2,4	G 1/8"	

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 catalogue 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	3-4 16
	Clamping screw for grooving insert Tightening torque	FS1473 (T15IP) 3,9 Nm	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug		FS2258 (SW 2)
	M8X1 threaded plug	FS2587 (SW 4)	
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)

Accessories

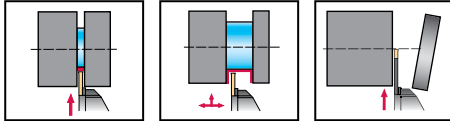
	s [mm] b [mm]	3 12	3-4 16
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)

Shank tool – Radial grooving

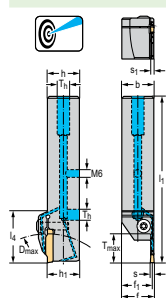
G5011...-P

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



Square shank

Designation	s mm	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	21	120	20	20	18,8	125	40	2,4	G1/8"	GD26-3 ..
G5011-2020R-3T26GD26-P		26	120	20	20	18,8	130	45	2,4	G1/8"	
G5011-2525R-3T21GD26-P		21	120	25	25	23,8	130	40	2,4	G1/8"	
G5011-2525R-3T26GD26-P		26	120	25	25	23,8	135	45	2,4	G1/8"	
★ G5011-2020R-4T26GD26-P	4	26	120	20	20	18,3	130	45	3,4	G1/8"	GD26-4 ..
G5011-2525R-4T26GD26-P		26	120	25	25	23,3	135	45	3,4	G1/8"	
G5011-2525R-4T33GD26-P		33	120	25	25	23,3	145	55	3,4	G1/8"	
G5011-2020L-3T21GD26-P	3	21	120	20	20	18,8	125	40	2,4	G1/8"	GD26-3 ..
G5011-2020L-3T26GD26-P		26	120	20	20	18,8	130	45	2,4	G1/8"	
G5011-2525L-3T21GD26-P		21	120	25	25	23,8	130	40	2,4	G1/8"	
G5011-2525L-3T26GD26-P		26	120	25	25	23,8	135	45	2,4	G1/8"	
★ G5011-2020L-4T26GD26-P	4	22,2	120	20	20	18,3	130	45	3,4	G1/8"	GD26-4 ..
G5011-2525L-4T26GD26-P		26	120	25	25	23,3	135	45	3,4	G1/8"	
G5011-2525L-4T33GD26-P		33	120	25	25	23,3	145	55	3,4	G1/8"	

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 catalogue 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]	3-4 20-25
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)

Accessories

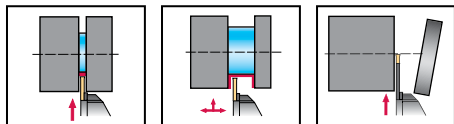
	s [mm] b [mm]	3-4 20-25
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

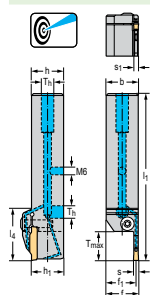
G5011...-P mm

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



Square shank

Designation	s mm	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-3T12GD26-P	3	12	20	20	18,8	120	35	2,4	G1/8"	GD26-3 ..
G5011-2525R-3T12GD26-P		12	25	25	23,8	125	35	2,4	G1/8"	
G5011-2020R-4T12GD26-P	4	12	20	20	18,3	120	35	3,4	G1/8"	GD26-4 ..
G5011-2020R-4T21GD26-P		21	20	20	18,3	125	40	3,4	G1/8"	
G5011-2525R-4T12GD26-P		12	25	25	23,3	125	35	3,4	G1/8"	
G5011-2525R-4T21GD26-P		21	25	25	23,3	130	40	3,4	G1/8"	
G5011-2020R-5T12GD26-P	5	12	20	20	17,9	120	35	4,2	G1/8"	GD26-5 ..
G5011-2020R-5T21GD26-P		21	20	20	17,9	125	40	4,2	G1/8"	
G5011-2525R-5T12GD26-P		12	25	25	22,9	125	35	4,2	G1/8"	
G5011-2525R-5T21GD26-P		21	25	25	22,9	130	40	4,2	G1/8"	
G5011-2525R-5T33GD26-P		33	25	25	22,9	145	55	4,2	G1/8"	
G5011-2525R-6T12GD26-P	6	12	25	25	22,4	125	35	5,2	G1/8"	GD26-6 ..
G5011-2525R-6T21GD26-P		21	25	25	22,4	130	40	5,2	G1/8"	
G5011-2525R-6T33GD26-P		33	25	25	22,4	145	55	5,2	G1/8"	
G5011-2020L-3T12GD26-P	3	12	20	20	18,8	120	35	2,4	G1/8"	GD26-3 ..
G5011-2525L-3T12GD26-P		12	25	25	23,8	125	35	2,4	G1/8"	
★ G5011-1616L-4T12GD26-P	4	12	16	16	14,3	120	35	3,4	G1/8"	GD26-4 ..
G5011-2020L-4T12GD26-P		12	20	20	18,3	120	35	3,4	G1/8"	
G5011-2020L-4T21GD26-P		21	20	20	18,3	125	40	3,4	G1/8"	
G5011-2525L-4T12GD26-P		12	25	25	23,3	125	35	3,4	G1/8"	
G5011-2525L-4T21GD26-P		21	25	25	23,3	130	40	3,4	G1/8"	
G5011-2020L-5T12GD26-P	5	12	20	20	17,9	120	35	4,2	G1/8"	GD26-5 ..
G5011-2020L-5T21GD26-P		21	20	20	17,9	125	40	4,2	G1/8"	
G5011-2525L-5T12GD26-P		12	25	25	22,9	125	35	4,2	G1/8"	
G5011-2525L-5T21GD26-P		21	25	25	22,9	130	40	4,2	G1/8"	
G5011-2525L-5T33GD26-P		33	25	25	22,9	145	55	4,2	G1/8"	
G5011-2525L-6T12GD26-P	6	12	25	25	22,4	125	35	5,2	G1/8"	GD26-6 ..
G5011-2525L-6T21GD26-P		21	25	25	22,4	130	40	5,2	G1/8"	
G5011-2525L-6T33GD26-P		33	25	25	22,4	145	55	5,2	G1/8"	

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

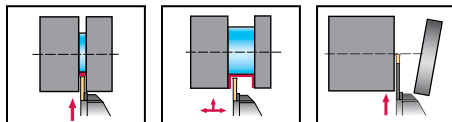
Assembly parts		
	s [mm] b [mm]	3-6 16-25
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)
Accessories		
	s [mm] b [mm]	3-6 16-25
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

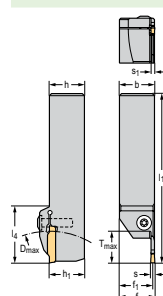
G5011 inch

Groov-tec™ GD

– Screw clamping



Tool



Square shank

Designation	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
G5011.10R-3T21GD26	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	
G5011.16R-3T26GD26		1,024	4,724	1,000	1,000	0,953	5,906	1,772	0,094	
G5011.20R-3T21GD26		0,827	4,724	1,250	1,250	1,203	5,906	1,575	0,094	
G5011.16R-4T26GD26	0,157	1,024	4,724	1,000	1,000	0,933	5,906	1,772	0,134	GD26-4 ..
G5011.16R-4T33GD26		1,299	4,724	1,000	1,000	0,933	5,906	2,165	0,134	
★ G5011.20R-4T26GD26		1,024	4,724	1,250	1,250	1,183	5,906	1,772	0,134	
G5011.10L-3T21GD26	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	
G5011.16L-3T26GD26		1,024	4,724	1,000	1,000	0,953	5,906	1,772	0,094	
G5011.16L-4T26GD26		1,024	4,724	1,000	1,000	0,933	5,906	1,772	0,134	
★ G5011.16L-4T33GD26	0,157	1,299	4,724	1,000	1,000	0,933	5,906	2,165	0,134	GD26-4 ..
★ G5011.20L-4T26GD26		1,024	4,724	1,250	1,250	1,183	5,906	1,772	0,134	
★ G5011.20L-5T26GD26		1,024	4,724	1,250	1,250	1,167	5,906	1,772	0,165	GD26-5 ..

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,118–0,197
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

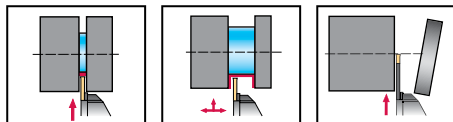
	s [inch]	0,118–0,197
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

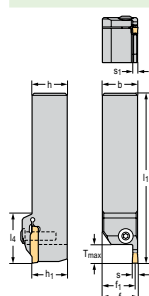
G5011 inch

Groov-tec™ GD

– Screw clamping



Tool

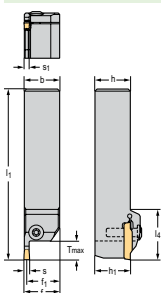


Square shank

Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
★ G5011.10R-3T12GD26	0,118	0,472	0,625	0,625	0,578	5,315	1,378	0,094	GD26-3 ..
G5011.12R-3T12GD26		0,472	0,750	0,750	0,703	5,709	1,378	0,094	
G5011.16R-3T12GD26		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
★ G5011.10R-4T12GD26	0,157	0,472	0,625	0,625	0,558	5,315	1,378	0,134	GD26-4 ..
G5011.12R-4T12GD26		0,472	0,750	0,750	0,683	5,709	1,378	0,134	
G5011.12R-4T21GD26		0,827	0,750	0,750	0,683	5,906	1,575	0,134	
G5011.16R-4T12GD26		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G5011.16R-4T21GD26	0,197	0,827	1,000	1,000	0,933	5,906	1,575	0,134	GD26-5 ..
★ G5011.20R-4T21GD26		0,827	1,250	1,250	1,183	5,906	1,575	0,134	
★ G5011.12R-5T12GD26		0,472	0,750	0,750	0,667	5,709	1,378	0,165	
G5011.12R-5T21GD26		0,827	0,750	0,750	0,667	5,906	1,575	0,165	
★ G5011.16R-5T12GD26	0,236	0,472	1,000	1,000	0,917	5,709	1,378	0,165	GD26-6 ..
G5011.16R-5T21GD26		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
G5011.16R-5T33GD26		1,299	1,000	1,000	0,917	5,906	2,165	0,165	
★ G5011.20R-5T26GD26		1,024	1,250	1,250	1,167	5,906	1,772	0,165	
★ G5011.12R-6T12GD26	0,236	0,472	0,750	0,750	0,648	5,709	1,378	0,205	GD26-6 ..
★ G5011.12R-6T21GD26		0,827	0,750	0,750	0,648	5,906	1,575	0,205	
G5011.16R-6T12GD26		0,472	1,000	1,000	0,898	5,709	1,378	0,205	
G5011.16R-6T21GD26		0,827	1,000	1,000	0,898	5,906	1,575	0,205	
G5011.16R-6T33GD26		1,299	1,000	1,000	0,898	5,906	2,165	0,205	
★ G5011.20R-6T21GD26		0,827	1,250	1,250	1,148	5,906	1,575	0,205	
G5011.20R-6T33GD26	0,118	1,299	1,250	1,250	1,148	5,906	2,165	0,205	GD26-3 ..
★ G5011.10L-3T12GD26		0,472	0,625	0,625	0,578	5,315	1,378	0,094	
G5011.12L-3T12GD26		0,472	0,750	0,750	0,703	5,709	1,378	0,094	
G5011.16L-3T12GD26		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
★ G5011.20L-3T21GD26	0,157	0,827	1,250	1,250	1,203	5,906	1,575	0,094	GD26-4 ..
★ G5011.10L-4T12GD26		0,472	0,625	0,625	0,558	5,315	1,378	0,134	
G5011.12L-4T12GD26		0,472	0,750	0,750	0,683	5,709	1,378	0,134	
G5011.12L-4T21GD26		0,827	0,750	0,750	0,683	5,906	1,575	0,134	
★ G5011.16L-4T12GD26	0,197	0,472	1,000	1,000	0,933	5,709	1,378	0,134	GD26-5 ..
G5011.16L-4T21GD26		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
G5011.12L-5T21GD26		0,827	0,750	0,750	0,667	5,906	1,575	0,165	
G5011.16L-5T21GD26		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
★ G5011.16L-5T33GD26	0,236	1,299	1,000	1,000	0,917	5,906	2,165	0,165	GD26-6 ..
★ G5011.12L-6T21GD26		0,827	0,750	0,750	0,648	5,906	1,575	0,205	
G5011.16L-6T12GD26		0,472	1,000	1,000	0,898	5,709	1,378	0,205	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Tool

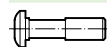


Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₂ inch	s ₁ inch	Type
G5011.16L-6T21GD26	0,236	0,827	1,000	1,000	0,898	5,906	1,575	0,205	GD26-6 ..
★ G5011.16L-6T33GD26		1,299	1,000	1,000	0,898	5,906	2,165	0,205	
★ G5011.20L-6T21GD26		0,827	1,250	1,250	1,148	5,906	1,575	0,205	
★ G5011.20L-6T33GD26		1,299	1,250	1,250	1,148	5,906	2,165	0,205	

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,118–0,236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

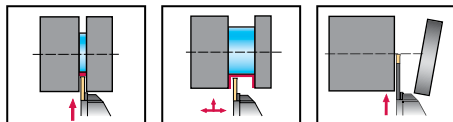
	s [inch]	0,118–0,236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

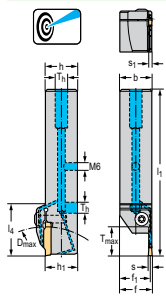
G5011...-P inch

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool

	Designation	s 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	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"	
	G5011.16R-3T26GD26-P		1,024	4,724	1,000	1,000	0,953	5,315	1,772	0,094	G1/8"	
	G5011.16R-4T26GD26-P	0,157	1,024	4,724	1,000	1,000	0,933	5,315	1,772	0,134	G1/8"	GD26-4 ..
	G5011.16R-4T33GD26-P		1,299	4,724	1,000	1,000	0,933	5,709	2,165	0,134	G1/8"	
	G5011.12L-3T21GD26-P	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"	
	G5011.16L-3T26GD26-P		1,024	4,724	1,000	1,000	0,953	5,315	1,772	0,094	G1/8"	
	G5011.16L-4T26GD26-P	0,157	1,024	4,724	1,000	1,000	0,933	5,315	1,772	0,134	G1/8"	GD26-4 ..

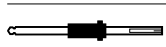
Square shank

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch] b [inch]	0,118–0,157 0,75–1
	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

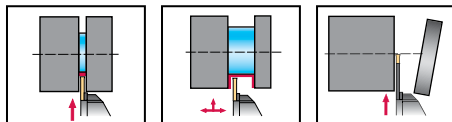
	s [inch] b [inch]	0,118–0,157 0,75–1
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

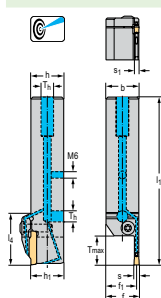
G5011...-P inch

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



Square shank

Designation	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-3T12GD26-P	0,118	0,472	1,000	1,000	0,953	4,921	1,378	0,094	G1/8"	GD26-3 ..
★ G5011.12R-4T21GD26-P	0,157	0,827	0,750	0,750	0,683	5,118	1,575	0,134	G1/8"	GD26-4 ..
G5011.16R-4T12GD26-P		0,472	1,000	1,000	0,933	4,921	1,378	0,134	G1/8"	
G5011.16R-4T21GD26-P		0,827	1,000	1,000	0,933	5,118	1,575	0,134	G1/8"	
G5011.12R-5T12GD26-P	0,197	0,827	0,750	0,750	0,667	5,118	1,575	0,165	G1/8"	GD26-5 ..
G5011.16R-5T12GD26-P		0,472	1,000	1,000	0,917	4,921	1,378	0,165	G1/8"	
G5011.16R-5T21GD26-P		0,827	1,000	1,000	0,917	5,118	1,575	0,165	G1/8"	
★ G5011.16R-5T33GD26-P		1,299	1,000	1,000	0,917	5,709	2,165	0,165	G1/8"	
★ G5011.16R-6T12GD26-P	0,236	0,472	1,000	1,000	0,898	4,921	1,378	0,205	G1/8"	GD26-6 ..
G5011.16R-6T21GD26-P		0,827	1,000	1,000	0,898	5,118	1,575	0,205	G1/8"	
★ G5011.16R-6T33GD26-P		1,299	1,000	1,000	0,898	5,709	2,165	0,205	G1/8"	
G5011.16L-5T12GD26-P	0,197	0,472	1,000	1,000	0,917	4,921	1,378	0,165	G1/8"	GD26-5 ..
G5011.16L-5T21GD26-P		0,827	1,000	1,000	0,917	5,118	1,575	0,165	G1/8"	
★ G5011.16L-5T33GD26-P		1,299	1,000	1,000	0,917	5,709	2,165	0,165	G1/8"	
★ G5011.16L-6T21GD26-P	0,236	0,827	1,000	1,000	0,898	5,118	1,575	0,205	G1/8"	GD26-6 ..
★ G5011.16L-6T33GD26-P		1,299	1,000	1,000	0,898	5,709	2,165	0,205	G1/8"	

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch] b [inch]	0,118–0,236 0,75–1
	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

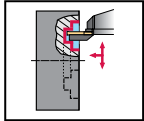
	s [inch] b [inch]	0,118–0,236 0,75–1
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Axial grooving

G5111

Groov-tec™ GD

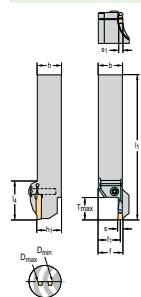
– Screw clamping



A2



Tool



Square shank

Designation	s mm	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
★ G5111-2525R-3T12-034GD26	3	12	34	44	25	25	24	145	35	2,4	GD26-3 ..
★ G5111-2525R-3T12-042GD26		12	42	60	25	25	24	145	35	2,4	
★ G5111-2525R-3T12-054GD26		12	54	75	25	25	24	145	35	2,4	
★ G5111-2525R-3T12-067GD26		12	67	100	25	25	24	145	35	2,4	
★ G5111-2525R-3T12-090GD26		12	90	160	25	25	24	145	35	2,4	
★ G5111-2525R-3T12-130GD26		12	130	300	25	25	24	145	35	2,4	
★ G5111-2525R-3T21-054GD26		21	54	75	25	25	24	150	40	2,4	
★ G5111-2525R-3T21-067GD26		21	67	100	25	25	24	150	40	2,4	
★ G5111-2525R-3T21-090GD26		21	90	160	25	25	24	150	40	2,4	
★ G5111-2525R-3T21-130GD26		21	130	300	25	25	24	150	40	2,4	
★ G5111-2525R-4T12-040GD26	4	12	40	60	25	25	23,4	145	35,1	3,4	GD26-4 ..
★ G5111-2525R-4T12-052GD26		12	52	72	25	25	23,4	145	35,1	3,4	
★ G5111-2525R-4T12-064GD26		12	64	100	25	25	23,4	145	35,1	3,4	
★ G5111-2525R-4T12-092GD26		12	92	140	25	25	23,4	145	35,1	3,4	
★ G5111-2525R-4T12-132GD26		12	132	230	25	25	23,4	145	35,1	3,4	
★ G5111-2525R-4T12-220GD26		12	220	500	25	25	23,4	145	35,1	3,4	
★ G5111-2525R-4T21-040GD26		21	40	60	25	25	23,4	150	40,1	3,4	
★ G5111-2525R-4T21-052GD26		21	52	72	25	25	23,4	150	40,1	3,4	
★ G5111-2525R-4T25-064GD26		25	64	100	25	25	23,4	150	45,1	3,4	
★ G5111-2525R-4T25-092GD26		25	92	140	25	25	23,4	150	45,1	3,4	
★ G5111-2525R-4T25-132GD26		25	132	230	25	25	23,4	150	45,1	3,4	
★ G5111-2525R-4T25-220GD26		25	220	500	25	25	23,4	150	45,1	3,4	
★ G5111-2525R-5T12-040GD26	5	12	40	70	25	25	23,1	145	35	4,2	GD26-5 ..
★ G5111-2525R-5T12-060GD26		12	60	95	25	25	23,1	145	35	4,2	
★ G5111-2525R-5T12-085GD26		12	85	130	25	25	23,1	145	35	4,2	
★ G5111-2525R-5T12-120GD26		12	120	180	25	25	23,2	145	35	4,2	
★ G5111-2525R-5T12-175GD26		12	175	500	25	25	23	145	35	4,2	
★ G5111-2525R-5T21-040GD26		21	40	70	25	25	23,1	150	40	4,2	
★ G5111-2525R-5T21-060GD26		21	60	95	25	25	23,1	150	40	4,2	
★ G5111-2525R-5T25-085GD26		25	85	130	25	25	23,1	150	45	4,2	
★ G5111-2525R-5T25-120GD26		25	120	180	25	25	23,2	150	45	4,2	
★ G5111-2525R-5T25-175GD26		25	175	500	25	25	23	150	45	4,2	
★ G5111-2525R-6T12-040GD26	6	12	40	70	25	25	22,6	145	35	5,2	GD26-6 ..
★ G5111-2525R-6T12-058GD26		12	58	100	25	25	22,6	145	35	5,2	
★ G5111-2525R-6T12-088GD26		12	88	180	25	25	22,6	145	35	5,2	
★ G5111-2525R-6T12-168GD26		12	168	400	25	25	22,5	145	35	5,2	
★ G5111-2525R-6T21-040GD26		21	40	70	25	25	22,6	150	40	5,2	
★ G5111-2525R-6T25-058GD26		25	58	100	25	25	22,6	150	45	5,2	

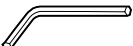
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Tool

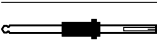
Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
★ G5111-2525R-6T25-088GD26	6	25	88	180	25	25	22,6	150	45	5,2	GD26-6 ..
★ G5111-2525R-6T25-168GD26		25	168	400	25	25	22,5	150	45	5,2	
★ G5111-2525L-3T12-034GD26	3	12	34	44	25	25	24	145	35	2,4	GD26-3 ..
★ G5111-2525L-3T12-042GD26		12	42	60	25	25	24	145	35	2,4	
★ G5111-2525L-3T12-054GD26		12	54	75	25	25	24	145	35	2,4	
★ G5111-2525L-3T12-067GD26		12	67	100	25	25	24	145	35	2,4	
★ G5111-2525L-3T12-090GD26		12	90	160	25	25	24	145	35	2,4	
★ G5111-2525L-3T12-130GD26		12	130	300	25	25	24	145	35	2,4	
★ G5111-2525L-3T21-054GD26		21	54	75	25	25	24	150	40	2,4	
★ G5111-2525L-3T21-067GD26		21	67	100	25	25	24	150	40	2,4	
★ G5111-2525L-3T21-090GD26		21	90	160	25	25	24	150	40	2,4	
★ G5111-2525L-3T21-130GD26		21	130	300	25	25	24	150	40	2,4	
★ G5111-2525L-4T12-040GD26	4	12	40	60	25	25	23,4	145	35,1	3,4	GD26-4 ..
★ G5111-2525L-4T12-052GD26		12	52	72	25	25	23,4	145	35,1	3,4	
★ G5111-2525L-4T12-064GD26		12	64	100	25	25	23,4	145	35,1	3,4	
★ G5111-2525L-4T12-092GD26		12	92	140	25	25	23,4	145	35,1	3,4	
★ G5111-2525L-4T12-132GD26		12	132	230	25	25	23,4	145	35,1	3,4	
★ G5111-2525L-4T12-220GD26		12	220	500	25	25	23,4	145	35,1	3,4	
★ G5111-2525L-4T21-040GD26		21	40	60	25	25	23,4	150	40,1	3,4	
★ G5111-2525L-4T21-052GD26		21	52	72	25	25	23,4	150	40,1	3,4	
★ G5111-2525L-4T25-064GD26		25	64	100	25	25	23,4	150	45,1	3,4	
★ G5111-2525L-4T25-092GD26		25	92	140	25	25	23,4	150	45,1	3,4	
★ G5111-2525L-4T25-132GD26		25	132	230	25	25	23,4	150	45,1	3,4	
★ G5111-2525L-4T25-220GD26		25	220	500	25	25	23,4	150	45,1	3,4	
★ G5111-2525L-5T12-040GD26	5	12	40	70	25	25	23,1	145	35	4,2	GD26-5 ..
★ G5111-2525L-5T12-060GD26		12	60	95	25	25	23,1	145	35	4,2	
★ G5111-2525L-5T12-085GD26		12	85	130	25	25	23,1	145	35	4,2	
★ G5111-2525L-5T12-120GD26		12	120	180	25	25	23,2	145	35	4,2	
★ G5111-2525L-5T12-175GD26		12	175	500	25	25	23	145	35	4,2	
★ G5111-2525L-5T21-040GD26		21	40	70	25	25	23,1	150	40	4,2	
★ G5111-2525L-5T21-060GD26		21	60	95	25	25	23,1	150	40	4,2	
★ G5111-2525L-5T25-085GD26		25	85	130	25	25	23,1	150	45	4,2	
★ G5111-2525L-5T25-120GD26		25	120	180	25	25	23,2	150	45	4,2	
★ G5111-2525L-5T25-175GD26		25	175	500	25	25	23	150	45	4,2	
★ G5111-2525L-6T12-040GD26	6	12	40	70	25	25	22,6	145	35	5,2	GD26-6 ..
★ G5111-2525L-6T12-058GD26		12	58	100	25	25	22,6	145	35	5,2	
★ G5111-2525L-6T12-088GD26		12	88	180	25	25	22,6	145	35	5,2	
★ G5111-2525L-6T12-168GD26		12	168	400	25	25	22,5	145	35	5,2	
★ G5111-2525L-6T21-040GD26		21	40	70	25	25	22,6	150	40	5,2	
★ G5111-2525L-6T25-058GD26		25	58	100	25	25	22,6	150	45	5,2	
★ G5111-2525L-6T25-088GD26		25	88	180	25	25	22,6	150	45	5,2	
★ G5111-2525L-6T25-168GD26		25	168	400	25	25	22,5	150	45	5,2	

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

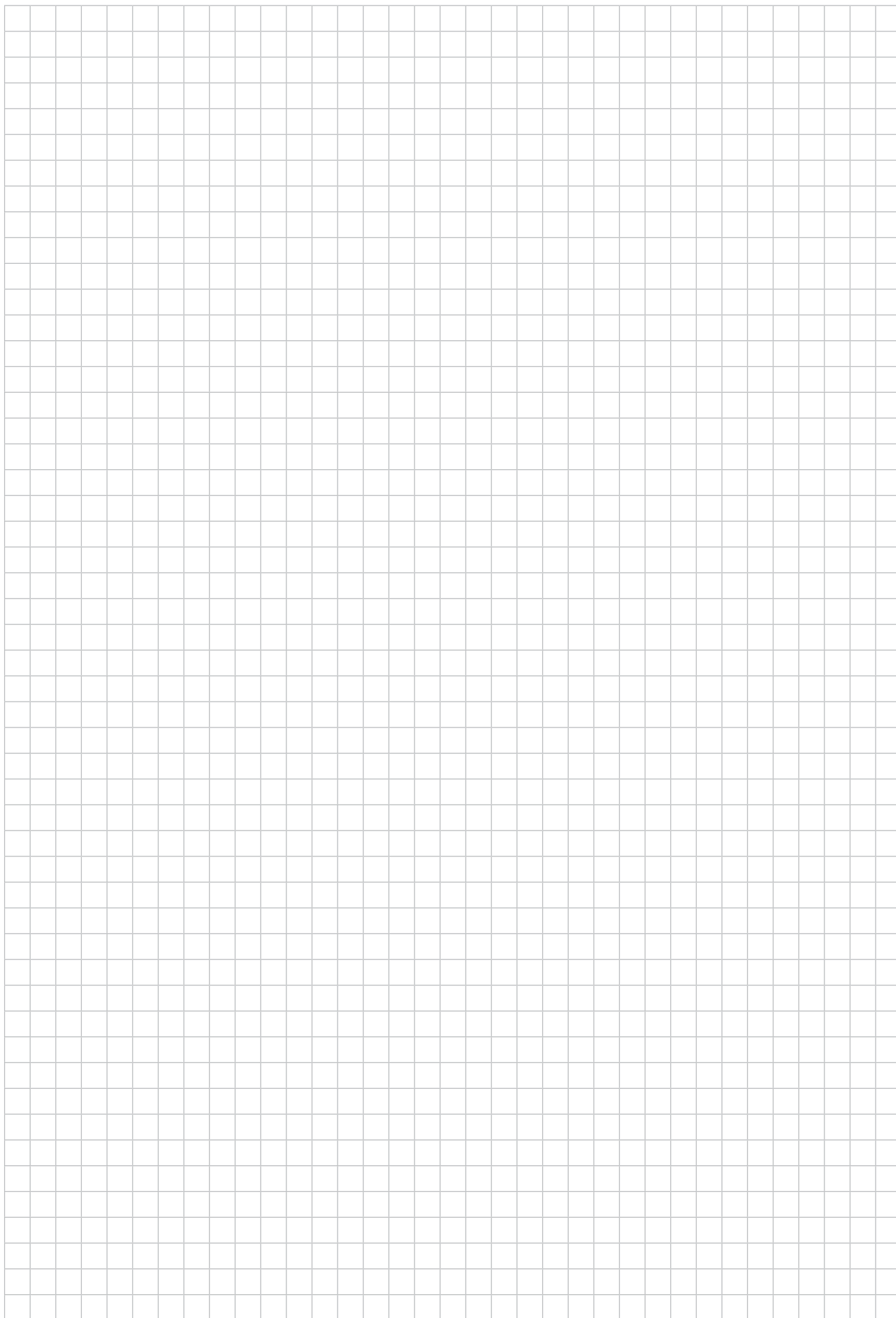
Assembly parts

	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, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

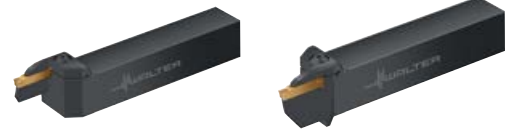
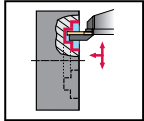


Shank tool – Axial grooving

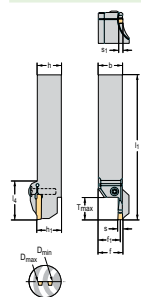
G5111 inch

Groov-tec™ GD

– Screw clamping



Tool



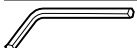
Square shank

Designation	s inch	T _{max} inch	D _{min} inch	D _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
★ G5111.16R-3T12-034GD26	0,118	0,472	1,339	1,732	1,000	1,000	0,961	5,709	1,378	0,094	GD26-3 ..
★ G5111.16R-3T12-042GD26		0,472	1,654	2,362	1,000	1,000	0,961	5,709	1,378	0,094	
★ G5111.16R-3T21-054GD26		0,827	2,126	2,953	1,000	1,000	0,961	5,906	1,575	0,094	
★ G5111.16R-3T21-067GD26		0,827	2,638	3,937	1,000	1,000	0,961	5,906	1,575	0,094	
★ G5111.16R-3T21-090GD26		0,827	3,543	6,299	1,000	1,000	0,961	5,906	1,575	0,094	
★ G5111.16R-3T21-130GD26	0,157	0,827	5,118	11,811	1,000	1,000	0,961	5,906	1,575	0,094	GD26-4 ..
★ G5111.16R-4T21-040GD26		0,827	1,575	2,362	1,000	1,000	0,937	5,906	1,579	0,134	
★ G5111.16R-4T21-052GD26		0,827	2,047	2,835	1,000	1,000	0,937	5,906	1,579	0,134	
★ G5111.16R-4T25-064GD26		0,984	2,520	3,937	1,000	1,000	0,937	5,906	1,776	0,134	
★ G5111.16R-4T25-092GD26		0,984	3,622	5,512	1,000	1,000	0,937	5,906	1,776	0,134	
★ G5111.16R-4T25-132GD26	0,236	0,984	5,197	9,055	1,000	1,000	0,937	5,906	1,776	0,134	GD26-6 ..
★ G5111.16R-4T25-220GD26		0,984	8,661	19,685	1,000	1,000	0,937	5,906	1,776	0,134	
★ G5111.16R-6T21-040GD26		0,827	1,575	2,756	1,000	1,000	0,906	5,906	1,575	0,205	
★ G5111.16R-6T25-058GD26		0,984	2,283	3,937	1,000	1,000	0,906	5,906	1,772	0,205	
★ G5111.16R-6T25-088GD26		0,984	3,465	7,087	1,000	1,000	0,906	5,906	1,772	0,205	
★ G5111.16R-6T25-168GD26	0,118	0,984	6,614	15,748	1,000	1,000	0,902	5,906	1,772	0,205	GD26-3 ..
★ G5111.16L-3T12-034GD26		0,472	1,339	1,732	1,000	1,000	0,961	5,709	1,378	0,094	
★ G5111.16L-3T12-042GD26		0,472	1,654	2,362	1,000	1,000	0,961	5,709	1,378	0,094	
★ G5111.16L-3T21-054GD26		0,827	2,126	2,953	1,000	1,000	0,961	5,906	1,575	0,094	
★ G5111.16L-3T21-067GD26		0,827	2,638	3,937	1,000	1,000	0,961	5,906	1,575	0,094	
★ G5111.16L-3T21-090GD26	0,157	0,827	3,543	6,299	1,000	1,000	0,961	5,906	1,575	0,094	GD26-4 ..
★ G5111.16L-3T21-130GD26		0,827	5,118	11,811	1,000	1,000	0,961	5,906	1,575	0,094	
★ G5111.16L-4T21-040GD26		0,827	1,575	2,362	1,000	1,000	0,937	5,906	1,579	0,134	
★ G5111.16L-4T21-052GD26		0,827	2,047	2,835	1,000	1,000	0,937	5,906	1,579	0,134	
★ G5111.16L-4T25-064GD26		0,984	2,520	3,937	1,000	1,000	0,937	5,906	1,776	0,134	
★ G5111.16L-4T25-092GD26	0,236	0,984	3,622	5,512	1,000	1,000	0,937	5,906	1,776	0,134	GD26-6 ..
★ G5111.16L-4T25-132GD26		0,984	5,197	9,055	1,000	1,000	0,937	5,906	1,776	0,134	
★ G5111.16L-4T25-220GD26		0,984	8,661	19,685	1,000	1,000	0,937	5,906	1,776	0,134	
★ G5111.16L-6T21-040GD26		0,827	1,575	2,756	1,000	1,000	0,906	5,906	1,575	0,205	
★ G5111.16L-6T25-058GD26		0,984	2,283	3,937	1,000	1,000	0,906	5,906	1,772	0,205	
★ G5111.16L-6T25-088GD26	0,236	0,984	3,465	7,087	1,000	1,000	0,906	5,906	1,772	0,205	GD26-6 ..
★ G5111.16L-6T25-168GD26		0,984	6,614	15,748	1,000	1,000	0,902	5,906	1,772	0,205	

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

A2

Assembly parts

	s [inch]	0,118–0,236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

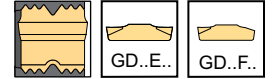
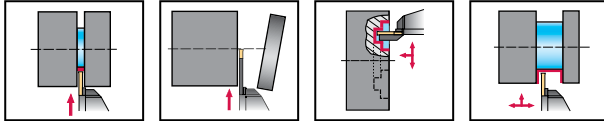
	s [inch]	0,118–0,236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Universal

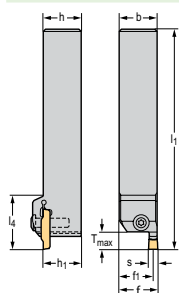
G5511

Groov-tec™ GD

– Screw clamping



Tool



Designation

s
mmT_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mm

Type

★ G5511-2020R-T8GD26

2.5 - 6

8

20

20

17,4

145

35

GD26- ..

★ G5511-2525R-T8GD26

8

25

25

22,4

145

35

★ G5511-2020L-T8GD26

2.5 - 6

8

20

20

17,4

145

35

GD26- ..

★ G5511-2525L-T8GD26

8

25

25

22,4

145

35

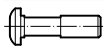
Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For information on the smallest possible axial groove [D_{min}], see „Technical information“ | Refer to the Walter online catalogue 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 - 6

Clamping screw for grooving insert
Tightening torqueFS2118 (T20IP)
5 Nm

Allen key

FS1464 (T20IP)

Accessories

s [mm]

2.5 - 6



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

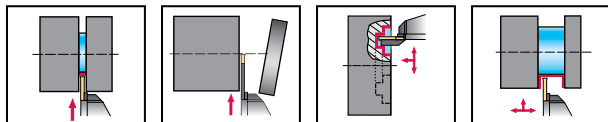
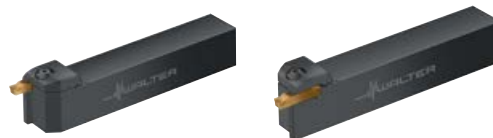
A2

Shank tool – Universal

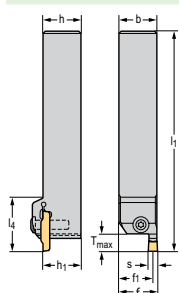
G5511 inch

Groov-tec™ GD

– Screw clamping



Tool



Designation

s
inch

T_{max}
inch

h = h₁
inch

b
inch

f₁
inch

l₁
inch

l₄
inch

Type

★ G5511.12R-T8GD26

★ G5511.16R-T8GD26

★ G5511.12L-T8GD26

★ G5511.16L-T8GD26

0,098 -
0,236

0,315

0,750

0,750

0,648

5,709

1,378

GD26- ..

0,098 -
0,236

0,315

0,750

0,750

0,648

5,709

1,378

GD26- ..

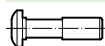
Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For information on the smallest possible axial groove [D_{min}], see „Technical information“ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]

0.098 - 0.236


Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
3,688 lbs


Allen key

FS1464 (T20IP)

Accessories

s [inch]

0.098 - 0.236



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

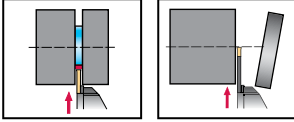
FS2015 (T20IP)

Deep parting blade

G5042...N

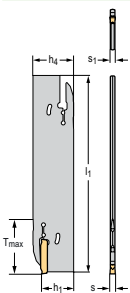
Groov-tec™ GD

– Screw clamping



A2

Tool



Designation	s mm	T _{max} mm	h ₁ mm	h ₄ mm	l ₁ mm	s ₁ mm	Type
★ G5042-26N-3T40GD26	3	40	21,3	26	110	2,4	GD26-3 ..
★ G5042-32N-3T50GD26		50	25	32	150	2,4	
★ G5042-26N-4T40GD26	4	40	21,3	26	110	3,5	GD26-4 ..
★ G5042-32N-4T50GD26		50	25	32	150	3,5	
★ G5042-32N-5T80GD26	5	80	25	32	170	4,2	GD26-5 ..
★ G5042-32N-6T80GD26	6	80	25	32	170	5,2	GD26-6 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

s [mm]	3-6
	FS1494

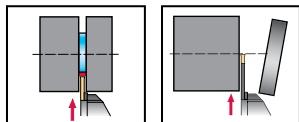
A2

Deep parting blade

G5042...N...-P

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool

	Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	h ₄ mm	l ₁ mm	s ₁ mm	Type
	★ G5042-26N-3T40GD26-P	3	40	200	21,3	26	130	2,4	GD26-3 ..
	★ G5042-32N-3T50GD26-P		50	200	25	32	170	2,4	
	★ G5042-32N-4T50GD26-P	4	50	200	25	32	150	3,5	GD26-4 ..

The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	3-4
	Coolant transfer insert	FS2282

Accessories

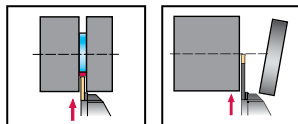
	s [mm]	3-4
	Mounting wrench for grooving insert	FS1494

Reinforced parting blade

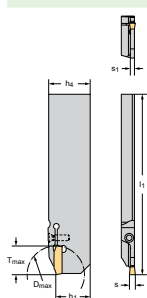
G5041

Groov-tec™ GD

– Screw clamping



Tool



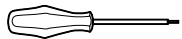
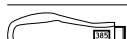
Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	h ₄ mm	l ₁ mm	s ₁ mm	Type
★ G5041-26R-3T26GD26	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32R-3T26GD26		26	100	24,7	32	110	2,4	
★ G5041-32R-3T33GD26		33	100	24,7	32	110	2,4	
★ G5041-32R-4T33GD26	4	33	100	24,7	32	110	3,4	GD26-4 ..
★ G5041-26L-3T26GD26	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32L-3T26GD26		26	100	24,7	32	110	2,4	
★ G5041-32L-3T33GD26		33	100	24,7	32	110	2,4	
★ G5041-32L-4T33GD26	4	33	100	24,7	32	110	3,4	GD26-4 ..

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

Assembly parts

s [mm]	3-4
 Clamping screw for grooving insert Tightening torque	FS2707 (T15IP)

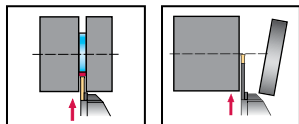
Accessories

s [mm]	3-4
 Screwdriver for grooving insert	FS1485 (T15IP)
 Torque screwdriver, analogue	FS2003
 Torque screwdriver, digital	FS2248
 Interchangeable blade	FS2014 (T15IP)

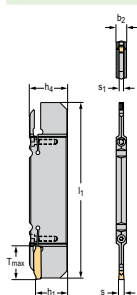
Reinforced parting blade

G5041
Groov-tec™ GD


– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

h₁
mm

h₄
mm

l₁
mm

s₁
mm

Type

★ G5041-32N-3T26GD26

3

26

25

32

140

2,4

GD26-3 ..

★ G5041-32N-4T26GD26

4

26

25

32

140

3,4

GD26-4 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]

3–4

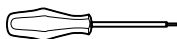

Clamping screw for grooving insert
Tightening torque

FS2707 (T15IP)

Accessories

s [mm]

3–4



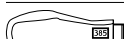
Screwdriver for grooving insert

FS1485 (T15IP)



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

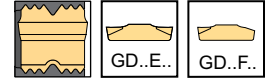
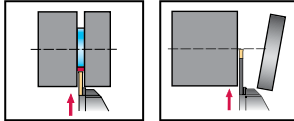
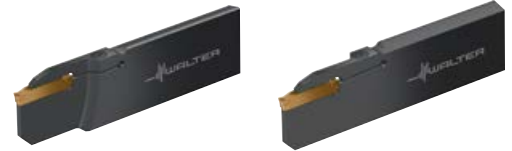
FS2014 (T15IP)

Reinforced parting blade – Contra

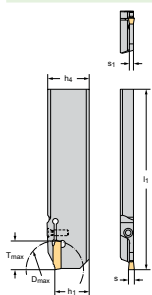
G5041...C

Groov-tec™ GD

– Screw clamping



Tool



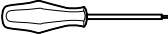
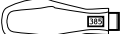
Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	h ₄ mm	l ₁ mm	s ₁ mm	Type
★ G5041-26R-3T26GD26C	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32R-3T26GD26C		26	100	24,7	32	110	2,4	
★ G5041-32R-3T33GD26C		33	100	24,7	32	110	2,4	
★ G5041-32R-4T33GD26C	4	33	100	24,7	32	110	3,4	GD26-4 ..
★ G5041-26L-3T26GD26C	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32L-3T26GD26C		26	100	24,7	32	110	2,4	
★ G5041-32L-3T33GD26C		33	100	24,7	32	110	2,4	
★ G5041-32L-4T33GD26C	4	33	100	24,7	32	110	3,4	GD26-4 ..

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

Assembly parts

	s [mm]	3–4
	Clamping screw for grooving insert Tightening torque	FS2707 (T15IP)

Accessories

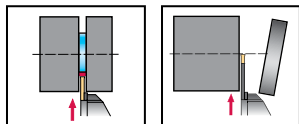
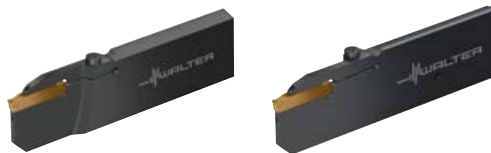
	s [mm]	3–4
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Reinforced parting blade

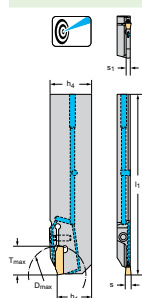
G5041...-P

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



Designation

Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	h ₄ mm	l ₁ mm	s ₁ mm	Type
★ G5041-26R-3T26GD26-P	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32R-3T26GD26-P		26	100	24,7	32	110	2,4	
★ G5041-32R-3T33GD26-P		33	100	24,7	32	110	2,4	
★ G5041-32R-4T33GD26-P	4	33	100	24,7	32	110	3,4	GD26-4 ..
★ G5041-26L-3T26GD26-P	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32L-3T26GD26-P		26	100	24,7	32	110	2,4	
★ G5041-32L-3T33GD26-P		33	100	24,7	32	110	2,4	
★ G5041-32L-4T33GD26-P	4	33	100	24,7	32	110	2,4	GD26-4 ..

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	3-4
	Clamping screw for grooving insert Tightening torque	FS2707 (T15IP)

Accessories

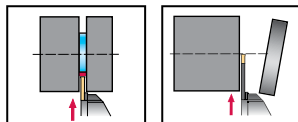
	s [mm]	3-4
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Reinforced parting blade – Contra

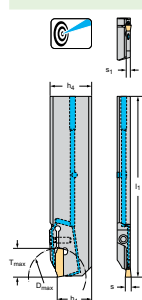
G5041...C-P

Groov-tec™ GD

- Screw clamping
- Precision cooling



Tool



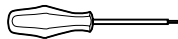
Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	h ₂ mm	l ₁ mm	s ₁ mm	Type
★ G5041-26R-3T26GD26C-P	3	26	100	21	26	110	2,4	GD26-3 ..
★ G5041-32R-3T26GD26C-P		26	100	24,7	32	110	2,4	
★ G5041-32R-3T33GD26C-P		33	100	24,7	32	110	2,4	
★ G5041-32R-4T33GD26C-P	4	33	100	24,7	32	110	3,4	GD26-4 ..
★ G5041-26L-3T26GD26C-P	3	26	100	21	26	110	3,4	GD26-3 ..
★ G5041-32L-3T26GD26C-P		26	100	24,7	32	110	2,4	
★ G5041-32L-3T33GD26C-P		33	100	24,7	32	110	2,4	
★ G5041-32L-4T33GD26C-P	4	33	100	24,7	32	110	3,4	GD26-4 ..

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]	3-4
 Clamping screw for grooving insert Tightening torque	FS2707 (T15IP)

Accessories

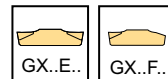
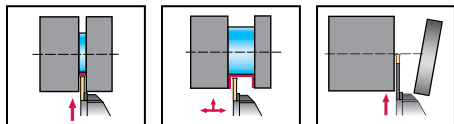
s [mm]	3-4
 Screwdriver for grooving insert	FS1485 (T15IP)
 Torque screwdriver, analogue	FS2003
 Torque screwdriver, digital	FS2248
 Interchangeable blade	FS2014 (T15IP)

Shank tool – Radial grooving

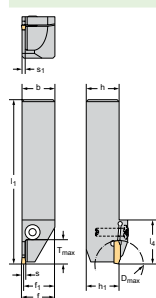
G1011 mm

Walter Cut

– Screw clamping



Tool



Square shank

Designation

s
mm

T_{max}
mm

D_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
mm

Type

G1011.1616R-2T21GX24	2	21	80	16	16	15,3	150	40,3	1,6	GX24-1E2 ..
G1011.2020R-2T21GX24		21	80	20	20	19,2	150	40	1,6	
G1011.1616R-3T21GX24	3	21	80	16	16	14,8	150	40,3	2,4	GX24-2E3 ..
G1011.2020R-3T21GX24		21	80	20	20	18,8	150	40	2,4	GX24-2F3 ..
G1011.2525R-3T21GX24		21	80	25	25	23,8	150	40	2,4	
G1011.2020R-4T21GX24	4	21	80	20	20	18,3	150	40	3,4	GX24-3E4 ..
G1011.2525R-4T21GX24		21	80	25	25	23,3	150	40	3,4	GX24-3F4 ..
G1011.2525R-4T32GX24		32	120	25	25	23,3	165	55	3,4	
G1011.2525R-5T21GX24	5	21	80	25	25	22,9	150	40	4,2	GX24-3E5 ..
G1011.2525R-5T32GX24		32	120	25	25	22,9	165	55	4,2	GX24-3F5 ..
G1011.2525R-6T21GX24	6	21	80	25	25	22,4	150	40	5,2	GX24-4E6 ..
G1011.2525R-6T32GX24		32	120	25	25	22,4	165	55	5,2	
G1011.1616L-2T21GX24	2	21	80	16	16	15,3	150	40	1,6	GX24-1E2 ..
G1011.2020L-2T21GX24		21	80	20	20	19,3	150	40,3	1,6	
G1011.1616L-3T21GX24	3	21	80	16	16	14,8	150	40	2,4	GX24-2E3 ..
G1011.2012L-3T21GX24		21	80	20	12	10,8	150	40	2,4	GX24-2F3 ..
G1011.2020L-3T21GX24		21	80	20	20	18,8	150	40	2,4	
G1011.2525L-3T21GX24		21	80	25	25	23,8	150	40	2,4	
G1011.2020L-4T21GX24	4	21	80	20	20	18,3	150	40	3,4	GX24-3E4 ..
G1011.2525L-4T21GX24		21	80	25	25	23,3	150	40	3,4	GX24-3F4 ..
G1011.2525L-4T32GX24		32	120	25	25	23,3	165	55	3,4	
G1011.2020L-5T21GX24	5	21	80	20	20	17,9	150	40	4,2	GX24-3E5 ..
G1011.2525L-5T21GX24		21	80	25	25	22,9	150	40	4,2	GX24-3F5 ..
G1011.2525L-5T32GX24		32	120	25	25	22,9	165	55	4,2	
G1011.2525L-6T32GX24	6	32	120	25	25	22,4	165	55	5,2	GX24-4E6 ..

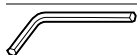
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]

2–6


Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
5 Nm


Allen key

FS1464 (T20IP)

Accessories

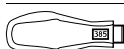
s [mm]

2–6



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

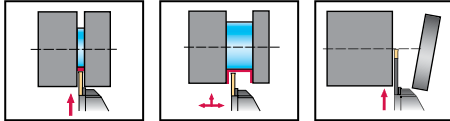
FS2015 (T20IP)

Shank tool – Radial grooving

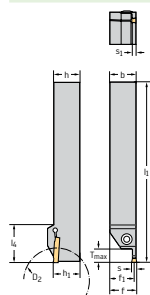
G1011 mm

Walter Cut

– Screw clamping



Tool



Square shank

Designation

s
mm T_{max}
mm $h = h_1$
mmb
mm f_1
mm l_1
mm l_4
mm s_1
mm

Type

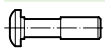
G1011.1616R-3T12GX24	3	12	16	16	14,8	135	35	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.2020R-3T12GX24		12	20	20	18,8	145	35	2,4	
G1011.2525R-3T12GX24		12	25	25	23,8	145	35	2,4	
G1011.2020R-4T12GX24	4	12	20	20	18,3	145	35	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2525R-4T12GX24		12	25	25	23,3	145	35	3,4	
G1011.2525R-5T12GX24	5	12	25	25	22,9	145	35	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2020R-6T12GX24	6	12	20	20	17,4	145	35	5,2	GX24-4E6 ..
G1011.2525R-8T28GX30	8	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	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	
G1011.2525L-4T12GX24	4	12	25	25	23,3	145	35	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2525L-5T12GX24	5	12	25	25	22,9	145	35	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525L-6T12GX24	6	12	25	25	22,4	145	35	5,2	GX24-4E6 ..
G1011.2525L-8T28GX30	8	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 D_2 , see „Technical information – Grooving“ | $f = f_1 + s/2$ | Refer to the Walter online catalogue 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 torqueFS2118 (T20IP)
5 Nm

Allen key

FS1464 (T20IP)

Accessories

s [mm]

3–8



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

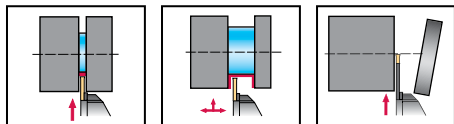
FS2015 (T20IP)

Shank tool – Radial grooving

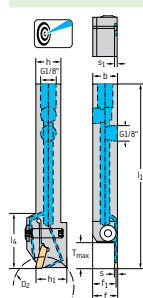
G1011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

Designation	s mm	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
G1011.1616R-3T21GX24-P	3	21	80	16	16	14,8	120	40	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.1616L-2T21GX24-P	2	21	80	16	16	15,3	120	40	1,6	GX24-1E2 ..
G1011.1616L-3T21GX24-P	3	21	80	16	16	14,8	120	40	2,4	GX24-2E3 .. GX24-2F3 ..

Square shank

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue 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

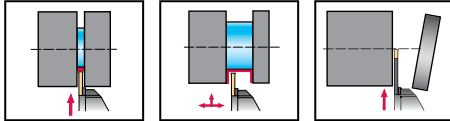
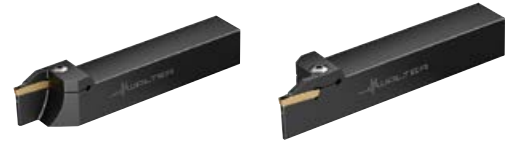
s [mm]	2-3
Torque screwdriver, analogue	FS2003
Torque screwdriver, digital	FS2248
Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

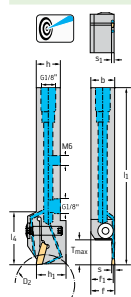
G1011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

Designation

s
mmT_{max}
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
mm

Type

G1011.2020R-2T21GX24-P

2

21

80

20

20

19,2

125

40

1,6

GX24-1E2 ..

G1011.2525R-2T21GX24-P

21

80

25

25

24,2

130

40

1,5

GX24-2E3 ..

G1011.2020R-3T21GX24-P

3

21

80

20

20

18,8

125

40

2,4

GX24-2E3 ..

G1011.2020R-3T33GX34-P

33

140

20

20

18,8

140

53

2,4

GX34-2E3 ..

G1011.2525R-3T21GX24-P

21

80

25

25

23,8

130

40

2,4

GX24-2E3 ..

G1011.2525R-3T33GX34-P

33

140

25

25

23,8

145

53

2,4

GX34-2E3 ..

G1011.2020R-4T33GX34-P

4

33

140

20

20

18,4

140

53

3,3

GX34-3E4 ..

G1011.2525R-4T33GX34-P

33

140

25

25

23,4

145

53

3,3

GX34-3E4 ..

G1011.2020L-2T21GX24-P

2

21

80

20

20

19,2

125

40

1,6

GX24-1E2 ..

G1011.2525L-2T21GX24-P

21

80

25

25

24,2

130

40

1,5

GX24-2E3 ..

G1011.2020L-3T21GX24-P

3

21

80

20

20

18,8

125

40

2,4

GX24-2E3 ..

G1011.2020L-3T33GX34-P

33

140

20

20

18,8

140

53

2,4

GX34-2E3 ..

G1011.2525L-3T21GX24-P

21

80

25

25

23,8

130

40

2,4

GX24-2E3 ..

G1011.2525L-3T33GX34-P

33

140

25

25

23,8

145

53

2,4

GX34-2E3 ..

G1011.2020L-4T33GX34-P

4

33

140

20

20

18,4

140

53

3,3

GX34-3E4 ..

G1011.2525L-4T33GX34-P

33

140

25

25

23,4

145

53

3,3

GX34-3E4 ..

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue 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

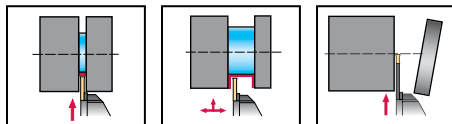
	s [mm] D _{max} [mm]	2-3 80	3-4 140
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	
	Torque T-handle		FS2041
	Interchangeable blade	FS2015 (T20IP)	FS2052 (SW 5)

Shank tool – Radial grooving

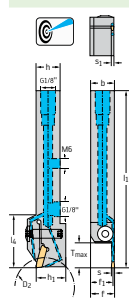
G1011...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
G1011.2525R-4T21GX24-P	4	21	25	25	23,3	130	40	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2525R-5T21GX24-P	5	21	25	25	22,9	130	40	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525R-5T32GX24-P		32	25	25	22,9	145	55	4,2	
G1011.2525R-6T21GX24-P	6	21	25	25	22,4	130	40	5,2	GX24-4E6 ..
G1011.2525R-8T28GX30-P	8	28	25	25	22	145	55	6,1	GX30-5E8 ..
G1011.3225R-8T28GX30-P		28	32	25	22	145	55	6,1	
G1011.2525L-4T21GX24-P	4	21	25	25	23,3	130	40	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2525L-4T32GX24-P		32	25	25	23,3	145	55	3,4	
G1011.2525L-5T32GX24-P	5	32	25	25	22,9	145	55	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525L-8T28GX30-P	8	28	25	25	22	145	55	6,1	GX30-5E8 ..
G1011.3225L-8T28GX30-P		28	32	25	22	145	55	6,1	

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]	4–8
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

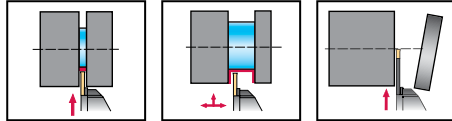
s [mm]	4–8
Torque screwdriver, analogue	FS2003
Torque screwdriver, digital	FS2248
Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

G1011 inch

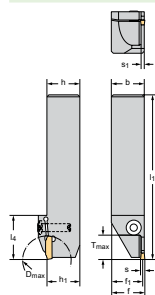
Walter Cut

– Screw clamping



A2

Tool



Square shank

Designation

s
inchT_{max}
inchD_{max}
inchh = h₁
inchb
inchf₁
inchl₁
inchl₄
inchs₁
inch

Type

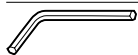
G1011.12R-2T21GX24	0,079	0,827	3,150	0,750	0,750	0,72	5,906	1,575	0,063	GX24-1E2 ..
G1011.16R-2T21GX24		0,827	3,150	1,000	1,000	0,97	5,906	1,575	0,063	
G1011.12R-3T21GX24	0,118	0,827	3,150	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.16R-3T21GX24		0,827	3,150	1,000	1,000	0,953	5,906	1,575	0,094	
G1011.16R-4T21GX24	0,157	0,827	3,150	1,000	1,000	0,933	5,906	1,575	0,134	GX24-3E4 .. GX24-3F4 ..
G1011.20R-4T26GX24		1,024	3,937	1,250	1,250	1,181	6,142	1,811	0,134	
G1011.12L-2T21GX24	0,079	0,827	3,150	0,750	0,750	0,72	5,906	1,575	0,063	GX24-1E2 ..
G1011.16L-2T21GX24		0,827	3,150	1,000	1,000	0,97	5,906	1,575	0,063	
G1011.12L-3T21GX24	0,118	0,827	3,150	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.16L-3T21GX24		0,827	3,150	1,000	1,000	0,953	5,906	1,575	0,094	
G1011.16L-6T32GX24	0,236	1,260	4,724	1,000	1,000	0,898	6,496	2,165	0,205	GX24-4E6 ..
G1011.20L-6T32GX24		1,260	5,512	1,250	1,250	1,148	6,496	2,165	0,205	

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue 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 torqueFS2118 (T20IP)
3,688 lbs

Allen key

FS1464 (T20IP)

Accessories

s [inch]

0,079–0,236



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

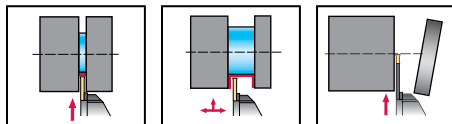
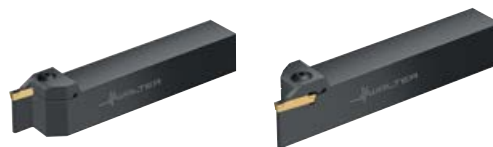
FS2015 (T20IP)

Shank tool – Radial grooving

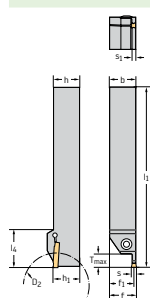
G1011 inch

Walter Cut

– Screw clamping



Tool



Square shank

Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	h ₁ inch	l ₄ inch	s ₁ inch	Type
G1011.16R-3T12GX24	0,118	0,472	1,000	1,000	0,953	5,709	1,378	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.12R-4T12GX24	0,157	0,472	0,750	0,750	0,685	5,709	1,378	0,134	GX24-3E4 .. GX24-3F4 ..
G1011.16R-4T32GX24		1,260	1,000	1,000	0,933	6,496	2,165	0,134	
G1011.16R-8T28GX30	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	
G1011.16L-8T28GX30	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 catalogue 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) 3,688 lbs
 Allen key	FS1464 (T20IP)

Accessories

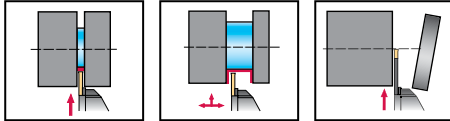
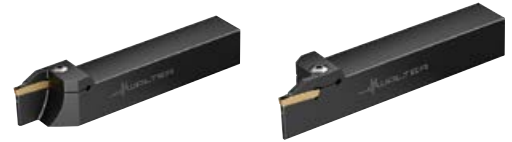
s [inch]	0,118–0,315
 Torque screwdriver, analogue	FS2004
 Torque screwdriver, digital	FS2248
 Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

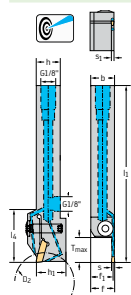
G1011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

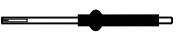
Designation	s inch	T _{max} inch	D _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G1011.12R-3T21GX24-P	0,118	0,827	3,150	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.12R-3T33GX34-P		1,299	5,512	0,750	0,750	0,703	5,906	2,087	0,094	GX34-2E3 ..
G1011.16R-3T12GX24-P		0,472	1,969	1,000	1,000	0,953	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.16R-3T21GX24-P		0,827	3,150	1,000	1,000	0,953	5,906	1,575	0,094	
G1011.16R-3T33GX34-P		1,299	5,512	1,000	1,000	0,953	5,906	2,087	0,094	GX34-2E3 ..
G1011.16R-4T33GX34-P	0,157	1,299	5,512	1,000	1,000	0,937	5,906	2,087	0,130	GX34-3E4 ..
G1011.12L-3T21GX24-P	0,118	0,827	3,150	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.12L-3T33GX34-P		1,299	5,512	0,750	0,750	0,703	5,906	2,087	0,094	GX34-2E3 ..
G1011.16L-3T21GX24-P		0,827	3,150	1,000	1,000	0,953	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.16L-3T33GX34-P		1,299	5,512	1,000	1,000	0,953	5,906	2,087	0,094	GX34-2E3 ..
G1011.16L-4T33GX34-P		1,299	5,512	1,000	1,000	0,937	5,906	2,087	0,130	GX34-3E4 ..

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue 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) 3,688 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

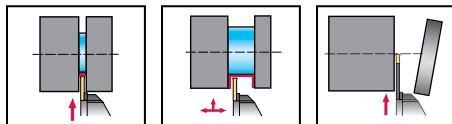
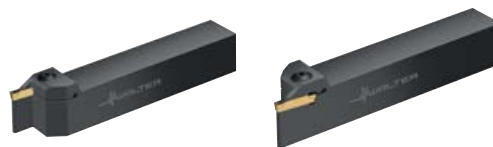
	s [inch] D _{max} [inch]	0,118 1,969–3,15	0,118–0,157 5,512
	Torque screwdriver, analogue	FS2004	
	Torque screwdriver, digital	FS2248	
	Torque T-handle		FS2042
	Interchangeable blade	FS2015 (T20IP)	FS2052 (SW 5)

Shank tool – Radial grooving

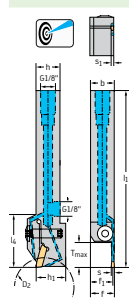
G1011...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation	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	0,157	0,827	0,750	0,750	0,685	5,906	1,575	0,134	GX24-3E4 .. GX24-3F4 ..
G1011.12L-5T21GX24-P	0,197	0,827	0,750	0,750	0,669	5,906	1,575	0,165	GX24-3E5 .. GX24-3F5 ..
G1011.16L-5T21GX24-P		0,827	1,000	1,000	0,917	5,906	1,575	0,165	

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,157–0,197
	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

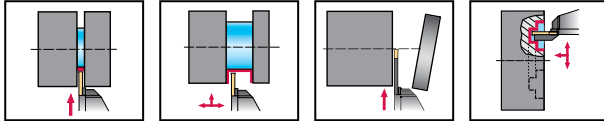
	s [inch]	0,157–0,197
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Universal

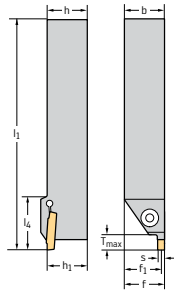
G1511 mm

Walter Cut

– Screw clamping



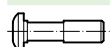
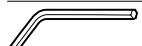
Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	Type
	G1511.2020R-T6GX24	2 - 6	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	6	20	20	17,9	143,5	33,5	GX24- ..
	G1511.2525L-T6GX24		6	25	25	22,9	143,5	33,5	

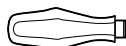
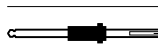
Square shank

Dimensional drawing shows right-hand version. | For information on the smallest possible axial groove [D_{min}], see „Technical information“ | $f = f_1 + s/2$ | Refer to the Walter online catalogue 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

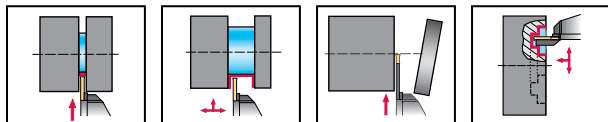
	s [mm]	2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Universal

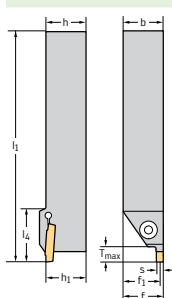
G1511 inch

Walter Cut

– Screw clamping



Tool



Designation

s
inch

T_{max}
inch

h = h₁
inch

b
inch

f₁
inch

l₁
inch

l₄
inch

Type

G1511.12R-T6GX24

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

GX24- ..

G1511.12L-T6GX24

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

GX24- ..

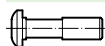
Square shank

Dimensional drawing shows right-hand version. | For information on the smallest possible axial groove [D_{min}], see „Technical information“ | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

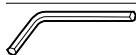
s [inch]

0.079 - 0.236



Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
3,688 lbs



Allen 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

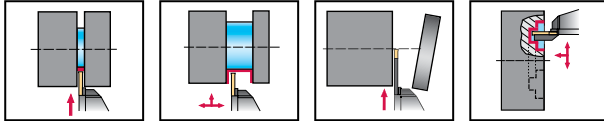
G1521

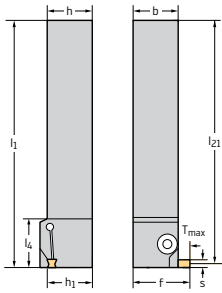
Walter Cut



A2

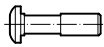
– Screw clamping

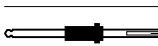


Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f ₁ mm	l ₂₁ mm	Type
	Designation									
	G1521.2020R-T6GX24	2 - 6	6	20	20	137,85	27	26,5	134,9	GX24- ..
	G1521.2525R-T6GX24		6	25	25	137,85	27	31,5	134,9	
	G1521.2020L-T6GX24	2 - 6	6	20	20	137,85	27	26,5	134,9	GX24- ..
	G1521.2525L-T6GX24		6	25	25	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“ | Refer to the Walter online catalogue 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)

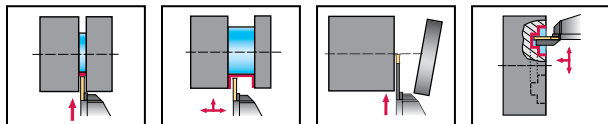
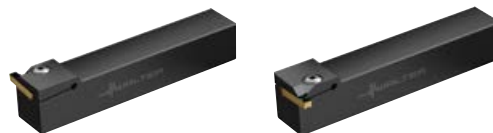
Accessories		s [mm]	2 - 6
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

Shank tool – 90° universal

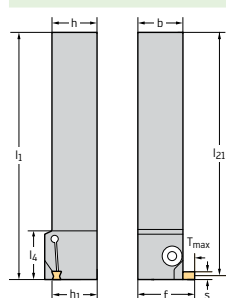
G1521 inch

Walter Cut

– Screw clamping



Tool



Designation	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	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	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“ | Refer to the Walter online catalogue 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) 3,688 lbs
	Allen 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

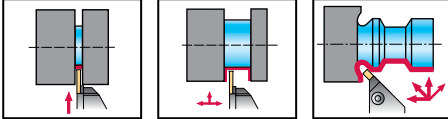
G1551

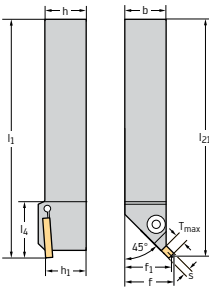
Walter Cut



A2

– Screw clamping

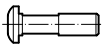


Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	l ₂₁ mm	Type
	Designation									
	G1551.2020R-T6GX24	2 - 6	6	20	20	23,2	146,75	33,1	143,1	GX24- ..
	G1551.2525R-T6GX24		6	25	25	28,2	146,75	33,1	143,1	
	G1551.2020L-T6GX24	2 - 6	6	20	20	23,2	146,75	33,1	143,1	GX24- ..
	G1551.2525L-T6GX24		6	25	25	28,2	146,75	33,1	143,1	

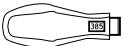
Square shank

Dimensional drawing shows right-hand version. $f = f_1 + 0.707 \times s/2$ | $l_1 = l_{21} + 0.707 \times s/2$ | Refer to the Walter online catalogue 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

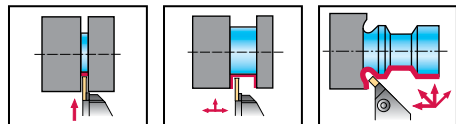
s [mm]		2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – 45° universal

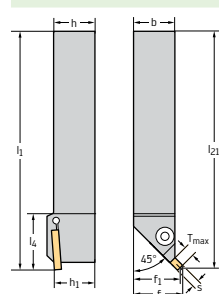
G1551 inch

Walter Cut

– Screw clamping



Tool



Designation

s
inch

T_{max}
inch

h = h₁
inch

b
inch

f₁
inch

l₁
inch

l₄
inch

l₂₁
inch

Type

G1551.12R-T6GX24

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

GX24- ..

G1551.16L-T6GX24

0,079 -
0,236

0,236

1,000

1,000

1,122

5,778

1,301

5,632

GX24- ..

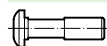
Square shank

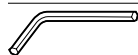
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]

0.079 - 0.236


Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
3,688 lbs


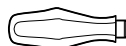
Allen key

FS1464 (T20IP)

Accessories

s [inch]

0.079 - 0.236



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

Deep parting blade

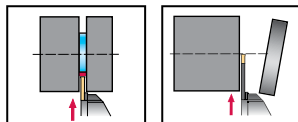
G1042 mm

Walter Cut

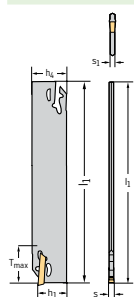
– Self-clamping system



A2



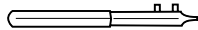
Tool



Designation	s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G1042.26N-2T40GX24	2	40	26	108,3	21,1	1,5	GX24-1E2 ..
G1042.32N-2T50GX24		50	32	149,3	24,8	1,5	
G1042.26N-3T40GX24	3	40	26	108,3	21	2,3	GX24-2E3 .. GX24-2F3 ..
G1042.32N-3T50GX24		50	32	149,3	24,7	2,3	
G1042.26N-4T40GX24	4	40	26	108,3	20,9	3,2	GX24-3E4 .. GX24-3F4 ..
G1042.32N-4T50GX24		50	32	149,3	24,6	3,2	
G1042.32N-5T60GX24	5	60	32	149,3	24,5	3,9	GX24-3E5 .. GX24-3F5 ..
G1042.32N-6T60GX24	6	60	32	149,3	24,4	4,7	GX24-4E6 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

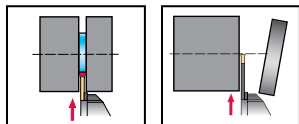
Accessories

	s [mm]	2-6
	Mounting wrench for grooving insert	FS1494

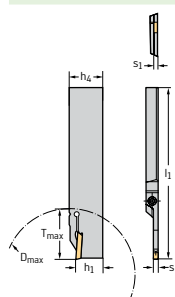
Reinforced parting blade

G1041 mm
Walter Cut

– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₄
mm

l₁
mm

h₁
mm

s₁
mm

Type

G1041.26R-2T23GX24

2

23

46

26

110

21

1,5

GX24-1E2 ..

G1041.32R-2T32GX24

32

65

32

110

24,6

1,5

GX24-1E2 ..

G1041.26R-3T23GX24

3

23

46

26

110

21

2,2

GX24-2E3 ..

G1041.32R-3T23GX24

23

46

32

110

24,6

2,2

GX24-2F3 ..

G1041.32R-3T32GX24

32

65

32

110

24,6

2,2

GX24-2F3 ..

G1041.32R-4T32GX24

4

32

65

32

110

24,6

3,1

GX24-3E4 ..

G1041.26L-2T23GX24

2

23

46

26

110

21

1,5

GX24-1E2 ..

G1041.32L-2T32GX24

32

65

32

110

24,6

1,5

GX24-1E2 ..

G1041.26L-3T23GX24

3

23

46

26

110

21

2,2

GX24-2E3 ..

G1041.32L-3T23GX24

23

46

32

110

24,6

2,2

GX24-2F3 ..

G1041.32L-3T32GX24

32

65

32

110

24,6

2,2

GX24-2F3 ..

G1041.32L-4T32GX24

4

32

65

32

110

24,6

3,1

GX24-3E4 ..

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue 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

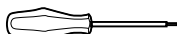

Clamping screw for grooving insert
Tightening torque

FS2164 (T15IP)
3,5 Nm

Accessories

s [mm]

2–4



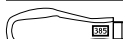
Screwdriver for grooving insert

FS1485 (T15IP)



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

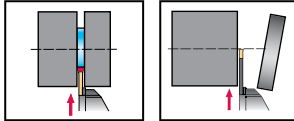
FS2014 (T15IP)

Reinforced parting blade

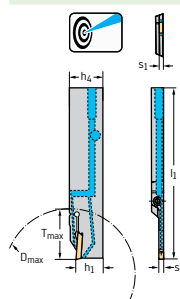
G1041...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



Designation

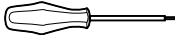
Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G1041.26R-3T23GX24-P	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
G1041.32R-3T23GX24-P		23	46	32	110	24,6	2,2	
G1041.32R-3T32GX24-P		32	65	32	110	24,6	2,2	GX34-2E3 ..
G1041.32R-3T33GX34-P		33	65	32	110	24,6	2,4	
G1041.32R-4T32GX24-P	4	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	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	GX34-2E3 ..
G1041.32L-3T33GX34-P		33	65	32	110	24,6	2,4	
G1041.32L-4T32GX24-P	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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

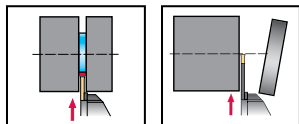
	s [mm]	3-4
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Reinforced parting blade – Contra

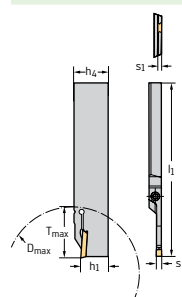
G1041...C

Walter Cut

– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₄
mm

l₁
mm

h₁
mm

s₁
mm

Type

G1041.26R-2T23GX24C

2

23

46

26

110

21

1,5

GX24-1E2 ..

G1041.32R-2T32GX24C

32

65

32

110

24,6

1,5

GX24-2E3 ..

G1041.26R-3T23GX24C

3

23

46

26

110

21

2,2

GX24-2E3 ..

G1041.32R-3T23GX24C

23

46

32

110

24,6

2,2

GX24-2F3 ..

G1041.32R-3T32GX24C

32

65

32

110

24,6

2,2

GX24-2F3 ..

G1041.32R-4T32GX24C

4

32

65

32

110

24,6

3,1

GX24-3E4 ..

G1041.26L-2T23GX24C

2

23

46

26

110

21

1,5

GX24-1E2 ..

G1041.32L-2T32GX24C

32

65

32

110

24,6

1,5

GX24-1E2 ..

G1041.26L-3T23GX24C

3

23

46

26

110

21

2,2

GX24-2E3 ..

G1041.32L-3T23GX24C

23

46

32

110

24,6

2,2

GX24-2F3 ..

G1041.32L-3T32GX24C

32

65

32

110

24,6

2,2

GX24-2F3 ..

G1041.32L-4T32GX24C

4

32

65

32

110

24,6

3,1

GX24-3E4 ..

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue 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

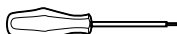

Clamping screw for grooving insert
Tightening torque

FS2164 (T15IP)
3,5 Nm

Accessories

s [mm]

2–4



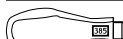
Screwdriver for grooving insert

FS1485 (T15IP)



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

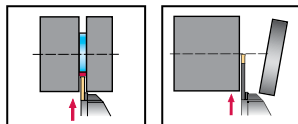
FS2014 (T15IP)

Reinforced parting blade – Contra

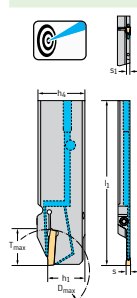
G1041...C-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool



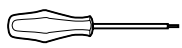
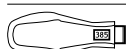
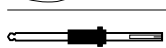
Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G1041.32R-2T23GX24C-P	2	23	46	32	110	24,6	1,5	GX24-1E2 ..
G1041.26R-3T23GX24C-P	3	23	46	26	110	21	2,2	GX24-2E3 ..
G1041.32R-3T23GX24C-P		23	46	32	110	24,6	2,2	GX24-2F3 ..
G1041.32R-3T32GX24C-P		32	65	32	110	24,6	2,2	
G1041.32R-3T33GX34C-P		33	65	32	110	24,6	2,4	GX34-2E3 ..
G1041.32R-4T32GX24C-P	4	32	65	32	110	24,6	3,1	GX24-3E4 ..
G1041.32R-4T33GX34C-P		33	65	32	110	24,6	3,3	GX34-3E4 ..
G1041.32L-2T23GX24C-P	2	23	46	32	110	24,6	1,5	GX24-1E2 ..
G1041.26L-3T23GX24C-P	3	23	46	26	110	21	2,2	GX24-2E3 ..
G1041.32L-3T23GX24C-P		23	46	32	110	24,6	2,2	GX24-2F3 ..
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	32	65	32	110	24,6	3,1	GX24-3E4 ..
								GX24-3F4 ..

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue 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		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)

A2

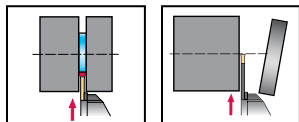
Deep parting blade

XLCFN

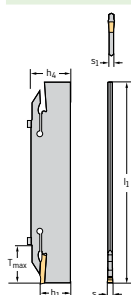
Walter Cut



– Screw clamping



Tool



Designation	s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
XLCFN3203-GX24-2S	3	21	32	179,3	24,2	2,1	GX24-2E3 .. GX24-2F3 ..
XLCFN3204-GX24-3S	4	21	32	179,3	24,2	3	GX24-3E4 .. GX24-3F4 ..
XLCFN3206-GX24-4S	6	21	32	179,3	24,2	4,2	GX24-4E6 ..

Refer to the Walter online catalogue 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	FS1342 (T15) 3 Nm

Accessories

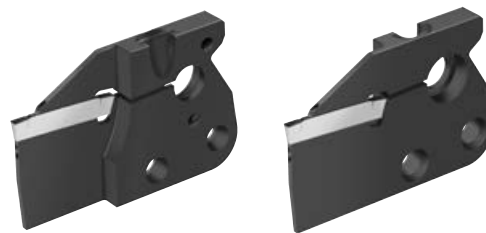
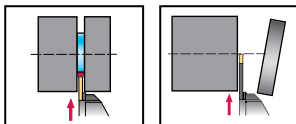
s [mm]	3–6
 Handle key for grooving insert	FS1047 (T15)

Grooving module – Radial grooving

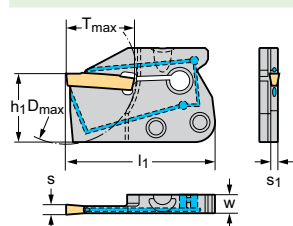
G1634-P

Walter Cut

- Screw clamping
- Replacement module



Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
G1634-33R-2T21GX24-P	2	21	42	24	7,2	49	1,5	E33	GX24-1E2 ..
G1634-33L-2T21GX24-P	2	21	42	24	7,2	49	1,5	E33	GX24-1E2 ..
G1634-33L-3T21GX24-P	3	21	42	24	7,2	49	2,4	E33	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) | If a clamping wedge is used, please use screw FS2622 | Refer to the Walter online catalogue for more product information: www.walter-tools.com

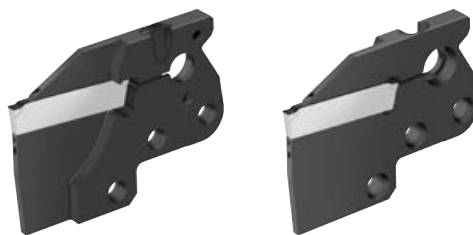
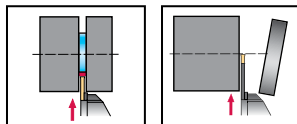
Grooving module – Radial grooving

G1634-P

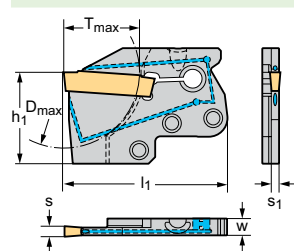
mm

Walter Cut

- Screw clamping
- Replacement module



Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
G1634-43R-3T27GX34-P	3	27	52	24	7,2	54,5	2,4	E43	GX34-2E3 ..
G1634-43R-3T33GX34-P		33	65	24	7,2	61	2,4	E43	
G1634-43L-3T27GX34-P	3	27	52	24	7,2	54,5	2,4	E33	GX34-2E3 ..
G1634-43L-3T33GX34-P		33	65	24	7,2	61	2,4	E43	
G1634-43L-4T33GX34-P	4	33	65	24	7,2	61	3,3	E43	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) | If a clamping wedge is used, please use screw FS2622 | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Grooving module – Radial grooving

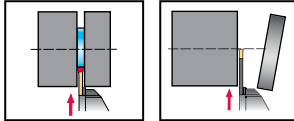
G1332 mm

Walter Cut

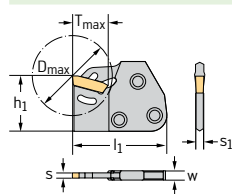
- Self-clamping system
- Replacement module



A2



Tool



Designation

G1332.IMR-GAD3N-GX24

s
mm

3

T_{max}
mm

15

D_{max}
mm

32

h₁
mm

24

W
mm

4

l₁
mm

51,5

s₁
mm

2,2

Type

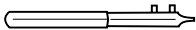
GX24-2E3 ..
GX24-2F3 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

s [mm]

3



Mounting wrench for grooving insert

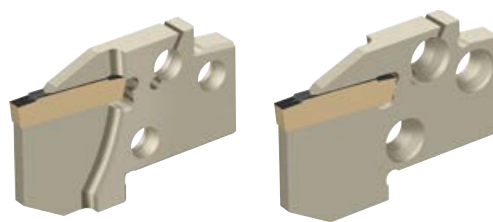
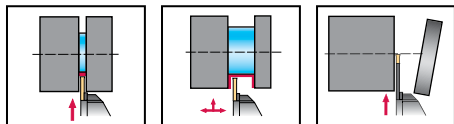
FS1494

Grooving module – Radial grooving

MSS...E...

Walter Cut

– Screw clamping



Tool	Designation	s mm	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	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	5,9	45	2	E32	GX16-2E ..
	MSS-E20R12-GX16-1	2	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	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	5,9	45	2	E32	GX16-2E3 ..
	MSS-E20R12-GX16-3	4 - 5	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	5,9	45	3	E32	GX16-3E ..
	MSS-E32R21-GX24-3		21	100	25,5	5,9	54	3	E32	GX24-3E ..
										GX24-3F ..
	MSS-E25R12-GX16-4	6	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	5,9	54	4,2	E32	
	MSS-E25R21-GX24-5	8	21	79	20	5,9	47	5,9	E25	GX24-5R ..
	MSS-E20L03-GX16-2	0.6 - 3	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	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	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-E20L12-GX16-3	4 - 5	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	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	21	79	20	5,9	47	5,9	E25	GX24-5R ..

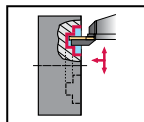
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Shank tool – Axial grooving

G1111

Walter Cut

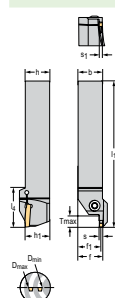
– Screw clamping



A2



Tool



Square shank

Designation

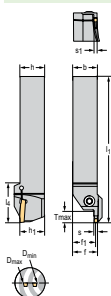
s
mmT_{max}
mmD_{min}
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
mm

Type

G1111.2525R-3T12-034GX24	3	12	34	44	25	25	24,7	150	40	2,4	GX24-2E3 .. GX24-2F3 ..
G1111.2525R-3T12-042GX24		12	42	60	25	25	24,7	150	40	2,4	
G1111.2525R-3T12-054GX24		12	54	75	25	25	24,6	150	40	2,4	
G1111.2525R-3T12-067GX24		12	67	100	25	25	24,6	150	40	2,4	
G1111.2525R-3T12-090GX24		12	90	160	25	25	24,6	150	40	2,4	
G1111.2525R-3T12-130GX24		12	130	300	25	25	24,6	150	40	2,4	
G1111.2525R-3T19-054GX24		19	54	75	25	25	24,7	152	42	2,4	
G1111.2525R-3T22-067GX24		22	67	100	25	25	24,7	154	44	2,3	
G1111.2525R-3T22-090GX24		22	90	160	25	25	24,6	154	44	2,3	
G1111.2525R-3T22-130GX24		22	130	300	25	25	24,6	154	44	2,3	
G1111.2525R-4T12-040GX24	4	12	40	60	25	25	24,1	150	40	3,3	GX24-3E4 .. GX24-3F4 ..
G1111.2525R-4T12-052GX24		12	52	72	25	25	24,1	150	40	3,3	
G1111.2525R-4T12-064GX24		12	64	100	25	25	24,1	150	40	3,3	
G1111.2525R-4T12-092GX24		12	92	140	25	25	24,1	150	40	3,3	
G1111.2525R-4T12-132GX24		12	132	230	25	25	24,1	150	40	3,3	
G1111.2525R-4T12-220GX24		12	220	500	25	25	24,1	150	40	3,3	
G1111.2525R-4T20-040GX24		20	40	60	25	25	24,3	152	42	3,3	
G1111.2525R-4T20-052GX24		20	52	72	25	25	24,2	152	42	3,3	
G1111.2525R-4T25-064GX24		25	64	100	25	25	24,1	156	46	3,3	
G1111.2525R-4T25-092GX24		25	92	140	25	25	24,1	156	46	3,3	
G1111.2525R-4T25-132GX24		25	132	230	25	25	24,1	156	46	3,3	
G1111.2525R-4T25-220GX24		25	220	500	25	25	24,1	156	46	3,3	
G1111.2525R-5T12-040GX24	5	12	40	70	25	25	23,7	150	40	4,2	GX24-3E5 .. GX24-3F5 ..
G1111.2525R-5T12-060GX24		12	60	95	25	25	23,7	150	40	4,2	
G1111.2525R-5T12-085GX24		12	85	130	25	25	23,7	150	40	4,2	
G1111.2525R-5T12-120GX24		12	120	180	25	25	23,7	150	40	4,2	
G1111.2525R-5T12-175GX24		12	175	500	25	25	23,6	150	40	4,1	
G1111.2525R-5T20-040GX24		20	40	70	25	25	23,8	152	42	4,2	
G1111.2525R-5T20-060GX24		20	60	95	25	25	23,7	152	42	4,2	
G1111.2525R-5T25-085GX24		25	85	130	25	25	23,7	156	46	4,2	
G1111.2525R-5T25-120GX24		25	120	180	25	25	23,7	156	46	4,2	
G1111.2525R-5T25-175GX24		25	175	500	25	25	23,7	156	46	4,2	
G1111.2525R-6T12-040GX24	6	12	40	70	25	25	23,2	150	40	5	GX24-4E6 ..
G1111.2525R-6T12-058GX24		12	58	100	25	25	23,2	150	40	5	
G1111.2525R-6T12-088GX24		12	88	180	25	25	23,2	150	40	5	
G1111.2525R-6T12-168GX24		12	168	400	25	25	23,2	150	40	5	
G1111.2525R-6T20-040GX24		20	40	70	25	25	23,3	152	42	5	
G1111.2525R-6T25-058GX24		25	58	100	25	25	23,2	156	46	5	

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

Tool



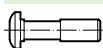
Square shank

Designation	s mm	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-6T25-088GX24	6	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	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	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	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	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]
h = h₁ [mm]

3-6
25

Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
5 Nm


Allen key

FS1464 (T20IP)

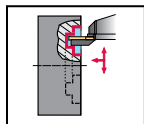
Accessories		s [mm] h = h ₁ [mm]	3-6 25
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

Shank tool – Axial grooving

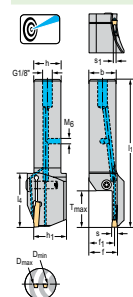
G1111...-P mm

Walter Cut

- Precision cooling
- Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{min}
mm

D_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
mm

Type

G1111.2525R-5T33060GX24P
G1111.2525R-5T33085GX24P
G1111.2525R-5T33120GX24P
G1111.2525R-5T33175GX24P
G1111.2525L-5T33060GX24P
G1111.2525L-5T33085GX24P
G1111.2525L-5T33120GX24P
G1111.2525L-5T33175GX24P

5

33

60

95

25

25

23,7

145

50

4,2

GX24-3E5 ..
GX24-3F5 ..

5

33

60

95

25

25

23,7

145

50

4,2

GX24-3E5 ..
GX24-3F5 ..

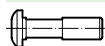
Square shank

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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



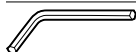
G 1/8" threaded plug

FS2258 (SW 2)



M6 threaded plug

FS2288 (SW 3)



Allen key

FS1464 (T20IP)

Accessories

s [mm]

5



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

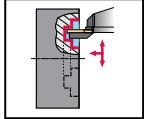
FS2015 (T20IP)

Shank tool – Axial grooving

G1111 inch

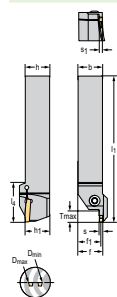
Walter Cut

– Screw clamping



A2

Tool

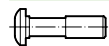


Square shank

Designation	s inch	T _{max} inch	D _{min} inch	D _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G1111.16R-3T12-034GX24	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	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	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	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	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	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. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch] h = h ₁ [inch]	0,118–0,236 1
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Torx key	FS1464 (T20IP)

A2

Accessories		s [inch] h = h ₁ [inch]	0,118–0,236 1
	Torque screwdriver, analogue		FS2004
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

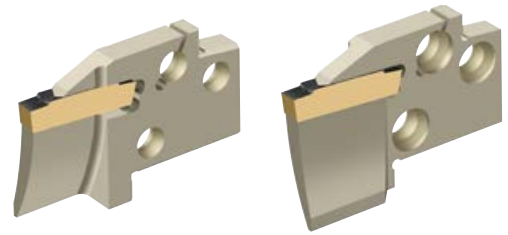
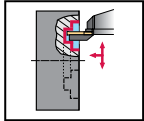
Grooving module – Axial grooving

MSS...E...A

mm

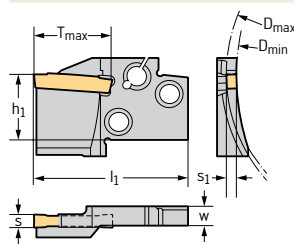
Walter Cut

– Screw clamping



A2

Tool

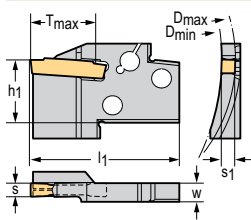


Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
MSS-E20R14-GX24-2A100150	3	14	100	150	16	4,4	42	2	E20	GX24-2E3 .. GX24-2F3 ..
MSS-E20R14-GX24-2A5070		14	50	70	16	4,4	42	2	E20	
MSS-E20R14-GX24-2A70100		14	70	100	16	4,4	42	2	E20	
MSS-E25R15-GX24-2A100150		15	100	150	20	5,9	47	2	E25	
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	4 - 5	15	100	150	20	5,9	47	3	E25	GX24-3E .. GX24-3F ..
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		15	100	150	25,5	5,9	54	3	E32	
MSS-E32R15-GX24-3A150300		15	150	300	25,5	5,9	54	3	E32	
MSS-E32R15-GX24-3A70100		15	70	100	25,5	5,9	54	3	E32	
MSS-E25R15-GX24-4A100150	6	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		15	100	150	25,5	5,9	54	4,2	E32	
MSS-E32R15-GX24-4A150300		15	150	300	25,5	5,9	54	4,2	E32	
MSS-E32R15-GX24-4A300900		15	300	900	25,5	5,9	54	4,2	E32	
MSS-E32R15-GX24-4A70100		15	70	100	25,5	5,9	54	4,2	E32	
MSS-E20L14-GX24-2A100150	3	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		15	100	150	20	5,9	47	2	E25	
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	4 - 5	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		15	70	100	20	5,9	47	3	E25	
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		15	70	100	25,5	5,9	54	3	E32	
MSS-E25L15-GX24-4A100150	6	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		15	100	150	25,5	5,9	54	4,2	E32	

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

A2

Tool

	Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
	MSS-E32L15-GX24-4A150300	6	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 catalogue for more product information: www.walter-tools.com

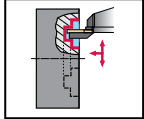
Grooving module – Axial/contra

MSS...E...C

mm

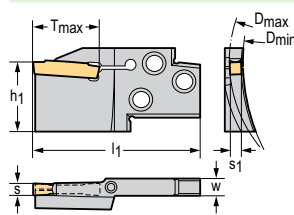
Walter Cut

– Screw clamping



A2

Tool



Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
MSS-E25R21-GX24-3C100150	4 - 5	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	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	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	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 catalogue 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) 3 Nm
	Handle key for grooving insert	FS1047 (T15)

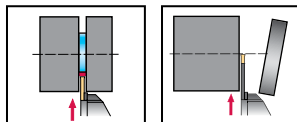
A2

Shank tool – Radial grooving

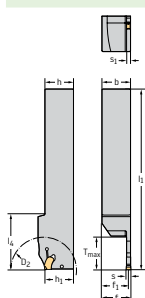
G2012

Walter Cut

– Self-clamping system



Tool



Designation	s mm	D ₂ mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₁ mm	l ₂ mm	s ₁ mm	Type
G2012.2020R-1.5T15SX	1,5	38	15	20	20	19,4	120	25	1,2	SX-1E1
G2012.2525R-2T26SX	2	52	26	25	25	24,2	146	36	1,6	SX-2E2
G2012.2525R-3T33SX	3	65	33	25	25	23,8	150	43	2,5	SX-3E3
G2012.2020L-1.5T15SX	1,5	38	15	20	20	19,4	120	25	1,2	SX-1E1
G2012.2525L-2T26SX	2	52	26	25	25	24,2	146	36	1,6	SX-2E2
G2012.2525L-3T33SX	3	65	33	25	25	23,8	150	43	2,5	SX-3E3

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

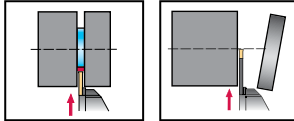
s [mm] h = h ₁ [mm]	1,5 20	2-3 25
Mounting wrench for grooving insert	FS2249	FS1494

Shank tool – Radial grooving

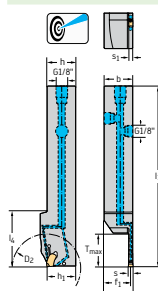
G2012...-P mm

Walter Cut

- Self-clamping system
- Precision cooling



Tool

	Designation	s mm	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	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	
	G2012.1212R-3T16SX-P	3	38	16	12	12	10,8	120	25	2,5	SX-3E3
	G2012.1616R-3T16SX-P		38	16	16	16	14,8	120	25	2,5	
	G2012.1616R-3T26SX-P		68	26	16	16	14,8	120	33	2,5	
	G2012.1212L-2T16SX-P	2	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	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	

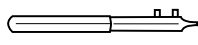
Square shank

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 catalogue 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

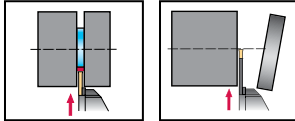
	s [mm] h = h ₁ [mm]	2–3 12–16	3 16
	Mounting wrench for grooving insert	FS2249	

Shank tool – Radial grooving

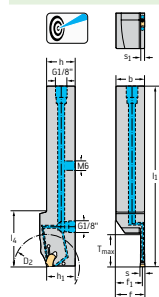
G2012...-P mm

Walter Cut

- Self-clamping system
- Precision cooling



Tool



Square shank

Designation	s mm	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	68	20	20	20	19,2	120	36	1,6	SX-2E2
G2012.2020R-3T22SX-P	3	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	
G2012.2020R-4T33SX-P	4		33	20	20	18,3	130	48	3,4	SX-4E4
G2012.2525R-4T33SX-P			33	25	25	23,3	130	48	3,4	
G2012.2525R-5T40SX-P	5		40	25	25	22,9	145	52	4,3	SX-5E5
G2012.2525R-6T40SX-P	6		40	25	25	22,4	145	52	5,3	SX-6E6
G2012.2020L-2T20SX-P	2	68	20	20	20	19,2	120	36	1,6	SX-2E2
G2012.2020L-3T22SX-P	3	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		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		40	25	25	22,9	145	52	4,3	SX-5E5
G2012.2525L-6T40SX-P	6		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 D_2 , see „Technical information – Grooving“ | Refer to the Walter online catalogue 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

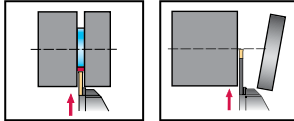
G2012 inch

Walter Cut

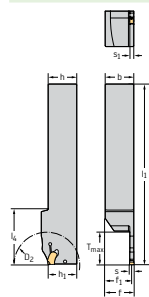
– Self-clamping system



A2



Tool

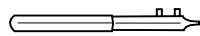


Designation	s inch	D ₂ inch	T _{max} inch	h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G2012.12R-1.5T15SX	0,059	1,496	0,591	0,750	0,750	0,726	4,724	0,984	0,047	SX-1E1
G2012.16R-2T26SX	0,079	2,047	1,024	1,000	1,000	0,969	5,748	1,417	0,061	SX-2E2
G2012.16R-3T33SX	0,118	2,559	1,299	1,000	1,000	0,952	5,906	1,693	0,096	SX-3E3
G2012.16L-2T26SX	0,079	2,047	1,024	1,000	1,000	0,969	5,748	1,417	0,061	SX-2E2
G2012.16L-3T33SX	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. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

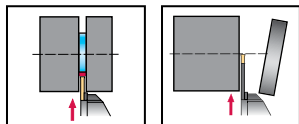
s [inch] h = h ₁ [inch]	0,059 0,75	0,079–0,118 1
 Mounting wrench for grooving insert	FS2249	FS1494

Shank tool – Radial grooving

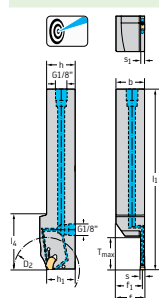
G2012...-P inch

Walter Cut

– Precision cooling



Tool



Square shank

Designation	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	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	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	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	0,197		1,575	1,000	1,000	0,915	5,906	2,047	0,169	SX-5E5
G2012.16R-6T40SX-P	0,236		1,575	1,000	1,000	0,896	5,906	2,047	0,209	SX-6E6
G2012.08L-2T16SX-P	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	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	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	0,197		1,575	1,000	1,000	0,915	5,906	1,890	0,169	SX-5E5
G2012.16L-6T40SX-P	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 catalogue 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

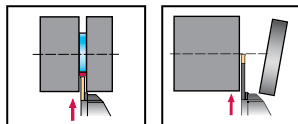
s [inch] h = h ₁ [inch]	0,079–0,118 0,5–0,625	0,079–0,236 0,75–1
Mounting wrench for grooving insert		FS1494
Mounting wrench for grooving insert	FS2249	

Deep parting blade

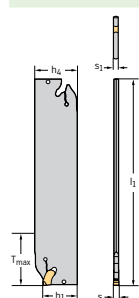
G2042...N

Walter Cut

– Self-clamping system



Tool



Designation

s
mmT_{max}
mmh₄
mmh₁
mmh₁
mms₁
mm

Type

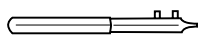
G2042.26N-2T30SX	2	30	26	110	21,1	1,6	SX-2E2
G2042.32N-2T30SX		30	32	151	24,8	1,6	
G2042.26N-3T38SX	3	38	26	110	21	2,4	SX-3E3
G2042.32N-3T50SX		50	32	151	24,7	3,4	
G2042.26N-4T40SX	4	40	26	110	20,9	3,4	SX-4E4
G2042.32N-4T50SX		50	32	151	24,5	3,4	
G2042.32N-5T60SX	5	60	32	151	24,4	4,3	SX-5E5
G2042.46N-5T80SX		80	46	251	37,4	4,3	
G2042.32N-6T60SX	6	60	32	151	24,3	5,3	SX-6E6
G2042.46N-6T80SX		80	46	251	37,3	5,3	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

s [mm]

2-6



Mounting wrench for grooving insert

FS1494

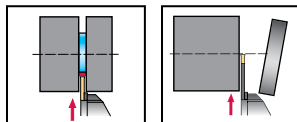
A2

Reinforced parting blade

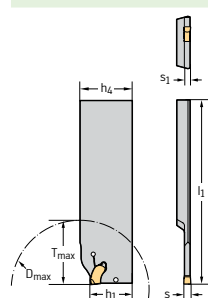
G2042...R/L mm

Walter Cut

– Self-clamping system



Tool



Designation

	s mm	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	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	26	52	26	110	21	1,6	SX-2E2
G2042.32R-2T26SX		26	52	32	110	24,7	1,6	
G2042.26R-3T33SX	3	33	65	26	110	21	2,4	SX-3E3
G2042.32R-3T33SX		33	65	32	110	24,7	2,4	
G2042.32R-4T33SX	4	33	65	32	110	24,7	3,4	SX-4E4
G2042.26L-1.5T20SX	1,5	20	52	26	110	21	1,2	SX-1E1
G2042.32L-1.5T20SX		20	40	32	110	24,7	1,2	
G2042.26L-2T26SX	2	26	52	26	110	21	1,6	SX-2E2
G2042.32L-2T26SX		26	52	32	110	24,7	1,6	
G2042.26L-3T33SX	3	33	52	26	110	21	2,4	SX-3E3
G2042.32L-3T33SX		33	65	32	110	24,7	2,4	
G2042.32L-4T33SX	4	33	65	32	110	24,7	3,4	SX-4E4

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

	s [mm]	1,5	2-4
	Mounting wrench for grooving insert	FS2249	FS1494

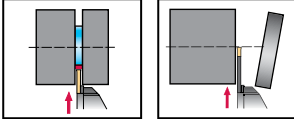
Reinforced parting blade – Contra

G2042...R/L...C

Walter Cut

mm

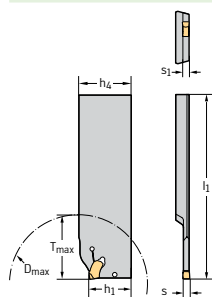
– Self-clamping system



A2



Tool



Designation

s
mmT_{max}
mmD_{max}
mml₁
mms₁
mm

Type

G2042.32R-4T33SX-C

4

33

65

110

3,4

SX-4E4

G2042.32L-4T33SX-C

4

33

65

110

3,4

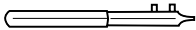
SX-4E4

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

s [mm]

4



Mounting wrench for grooving insert

FS1494

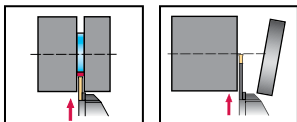
A2

Deep parting blade

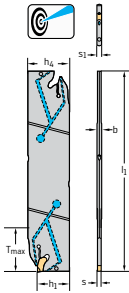
G2042...N...-P

Walter Cut

- Self-clamping system
- Precision cooling



Tool

	Designation	s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	b mm	Type
	G2042.26N-3T38SX-P	3	38	26	130,6	20,8	2,4	3,5	SX-3E3
	G2042.32N-3T45SX-P		45	32	150,6	24,5	2,4	3,5	

Refer to the Walter online catalogue 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]	3
	Mounting wrench for grooving insert	FS1494

Deep parting blade

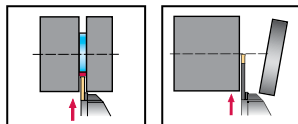
G2042...N...-P

Walter Cut

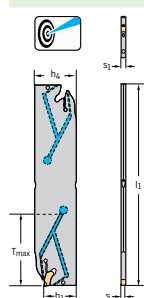
- Self-clamping system
- Precision cooling



A2



Tool



Designation	s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G2042.32N-4T50SX-P	4	50	32	150,6	24,5	3,5	SX-4E4
G2042.32N-5T60SX-P	5	60	32	150,6	24,4	4,3	SX-5E5
G2042.32N-6T60SX-P	6	60	32	150,6	24,3	5,3	SX-6E6
G2042.52N-8T100SX-P	8	100	52	251,4	44,3	6,8	SX-8E8
G2042.52N-10T100SX-P	10	100	52	251,4	44	8,8	SX-10E10

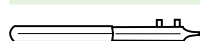
Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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

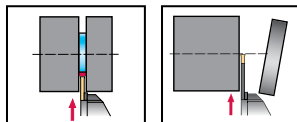
Reinforced parting blade

G2042...R/L...-P

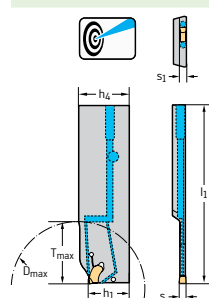
mm

Walter Cut

- Self-clamping system
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₄
mm

l₁
mm

h₁
mm

s₁
mm

Type

G2042.32R-2T26SX-P

2

26

52

32

110

24,7

1,6

SX-2E2

G2042.26R-3T33SX-P

3

33

65

26

110

21

2,4

SX-3E3

G2042.32R-3T33SX-P

3

33

65

32

110

24,7

2,4

SX-4E4

G2042.32R-4T33SX-P

4

33

65

32

110

24,7

3,4

SX-4E4

G2042.32L-2T26SX-P

2

26

52

32

110

24,7

1,6

SX-2E2

G2042.26L-3T33SX-P

3

33

65

26

110

21

2,4

SX-3E3

G2042.32L-3T33SX-P

3

33

65

32

110

24,7

2,4

SX-4E4

G2042.32L-4T33SX-P

4

33

65

32

110

24,7

3,4

SX-4E4

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

Accessories

s [mm]

2-4



Mounting wrench for grooving insert

FS1494

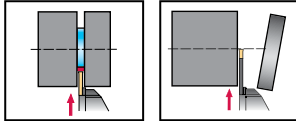
Reinforced parting blade – Contra

G2042...R/L...C-P

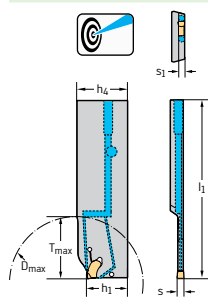
mm

Walter Cut

- Self-clamping system
- Precision cooling



Tool

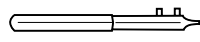


Designation

Designation	s mm	T _{max} mm	D _{max} mm	l ₁ mm	s ₁ mm	Type
G2042.26R-2T26SX-C-P	2	26	52	110	1,6	SX-2E2
G2042.32R-2T26SX-C-P		26	52	110	1,6	
G2042.26R-3T33SX-C-P	3	33	65	110	2,4	SX-3E3
G2042.32R-3T33SX-C-P		33	65	110	2,4	
G2042.32R-4T33SX-C-P	4	33	65	110	3,4	SX-4E4
G2042.26L-2T26SX-C-P	2	26	52	110	1,6	SX-2E2
G2042.32L-2T26SX-C-P		26	52	110	1,6	
G2042.26L-3T33SX-C-P	3	33	65	110	2,4	SX-3E3
G2042.32L-3T33SX-C-P		33	65	110	2,4	
G2042.32L-4T33SX-C-P	4	33	65	110	3,4	SX-4E4

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

Accessories

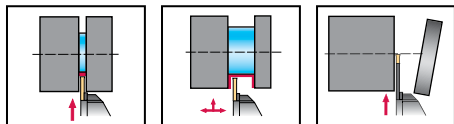
	s [mm]	2-4
	Mounting wrench for grooving insert	FS1494

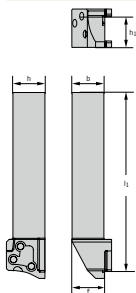
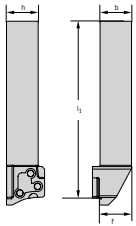
Shank tool – modular

MSS-...00 mm

Walter Cut

– Screw clamping



Tool	Designation	h = h ₁ mm	b mm	f mm	l ₁ mm	Module size
 Square shank	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
 Square shank	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

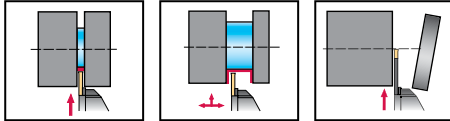
		E20	E25	E32
	Screw for grooving module Tightening torque	FS1053 (T15) 2 Nm	FS1054 (T20) 5 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1047 (T15)	FS1048 (T20)	FS1049 (T25)

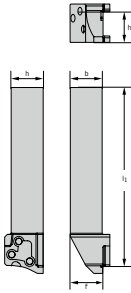
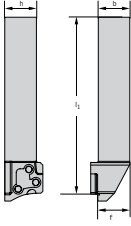
Shank tool – modular

MSS-...00 inch

Walter Cut

– Screw clamping



Tool		h = h ₁ inch	b inch	f inch	l ₁ inch	Module size
 Square shank	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 catalogue 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	FS1053 (T15)	FS1054 (T20)	FS1055 (T25)
	Tightening torque	1,475 lbs	3,688 lbs	2,213 lbs
	Handle key	FS1047 (T15)	FS1048 (T20)	FS1049 (T25)

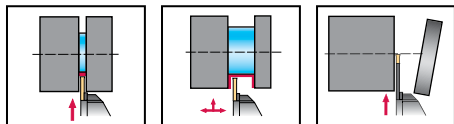
A2

Shank tool – modular

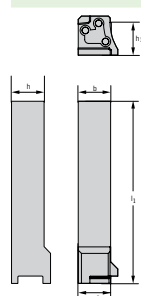
MSS-...90 mm

Walter Cut

– Screw clamping



Tool



Square shank

Designation

h = h₁
mm

b
mm

f
mm

l₁
mm

Module size

MSS-E20R90-2020J

20

20

20

110

E20

MSS-E25R90-2525L

25

25

25

140

E25

MSS-E32R90-3225N

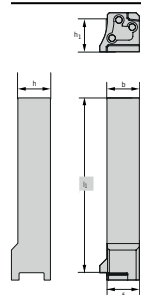
32

25

32

160

E32



Square shank

MSS-E20L90-2020J

20

20

20

110

E20

MSS-E25L90-2525L

25

25

25

140

E25

MSS-E32L90-3225N

32

25

32

160

E32

l₁ = l₂₁ + s/2 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts


Screw for grooving module
Tightening torque

E20

FS1053 (T15)
2 Nm

E25

FS1054 (T20)
5 Nm

E32

FS1055 (T25)
3 Nm


Handle key

FS1047 (T15)

FS1048 (T20)

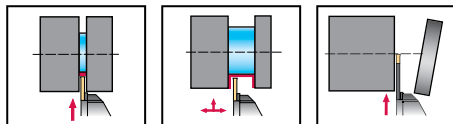
FS1049 (T25)

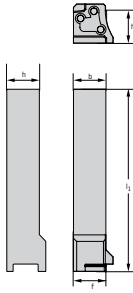
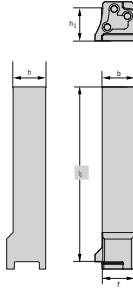
Shank tool – modular

MSS-...90 inch

Walter Cut

– Screw clamping



Tool		Designation	h = h ₁ inch	b inch	f inch	l ₁ inch	Module size
	Square shank	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

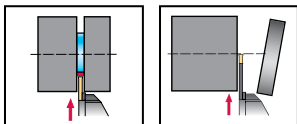
		E20	E25	E32
	Screw for grooving module	FS1053 (T15)	FS1054 (T20)	FS1055 (T25)
	Tightening torque	1,475 lbs	3,688 lbs	2,213 lbs
	Handle key	FS1047 (T15)	FS1048 (T20)	FS1049 (T25)

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	41,8	1,6	E20	SX-2E2
	G2632-E25R-2T20SX		20	80	5,9	47,8	1,6	E25	
	G2632-E20R-3T20SX	3	20	65	4,4	41,8	2,4	E20	SX-3E3
	G2632-E25R-3T25SX		25	90	5,9	52,8	2,4	E25	
	G2632-E25R-3T35SX		35	80	5,9	62,8	2,4	E25	
	G2632-E32R-3T45SX	4	45	90	5,9	79,8	2,4	E32	SX-4E4
	G2632-E20R-4T20SX		20	65	4,4	41,8	3,4	E20	
	G2632-E25R-4T35SX		35	80	5,9	62,8	3,4	E25	
	G2632-E32R-4T45SX	5	45	90	5,9	79,8	3,4	E32	SX-5E5
	G2632-E25R-5T35SX		35	80	5,9	62,8	4,3	E25	
	G2632-E32R-5T45SX	6	45	90	5,9	79,8	4,3	E32	SX-6E6
	G2632-E25R-6T35SX		35	80	5,9	62,8	5,3	E25	
	G2632-E32R-6T45SX	2	45	90	5,9	79,8	5,3	E32	SX-6E6
	G2632-E20L-2T20SX		20	65	4,4	41,8	1,6	E20	
	G2632-E25L-2T20SX	3	20	80	5,9	47,8	1,6	E25	SX-3E3
	G2632-E20L-3T20SX		20	65	4,4	41,8	2,4	E20	
	G2632-E25L-3T25SX		25	90	5,9	52,8	2,4	E25	
	G2632-E25L-3T35SX	4	35	80	5,9	62,8	2,4	E25	SX-4E4
	G2632-E32L-3T45SX		45	90	5,9	79,8	2,4	E32	
	G2632-E20L-4T20SX		20	65	4,4	41,8	3,4	E20	
	G2632-E25L-4T35SX	5	35	80	5,9	62,8	3,4	E25	SX-5E5
	G2632-E32L-4T45SX		45	90	5,9	79,8	3,4	E32	
	G2632-E25L-5T35SX		35	80	5,9	62,8	4,3	E25	
	G2632-E32L-5T45SX	6	45	90	5,9	79,8	4,3	E32	SX-6E6
	G2632-E25L-6T35SX		35	80	5,9	62,8	5,3	E25	
	G2632-E32L-6T45SX	8	45	90	5,9	79,8	5,3	E32	SX-8E8
	G2632-E32N-8T45SX		45	90	6,8	79,8	6,8	E32	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

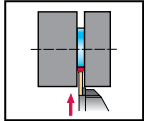
	s [mm]	2-6	8
	Mounting wrench for grooving insert	FS1494	FS2274

Shank tool – Radial grooving

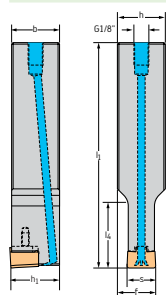
G2016...-P

Walter Cut

- Screw clamping
- Precision cooling



Tool



Square shank

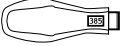
Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	Type
G2016-2525N-12T40UX-P	12	41	25	25	19	150	53	UX-12E12 ..
G2016-3232N-19T40UX-P	19	41	32	32	22,5	150	53	UX-19E19 ..

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 catalogue for more product information: www.walter-tools.com | 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)	
 Allen key		FS1464 (T20IP)

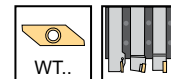
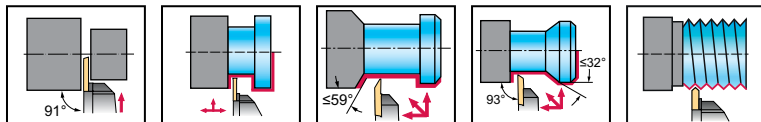
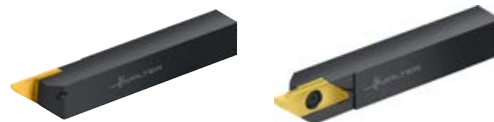
Accessories

s [mm]	12	19
 Torque screwdriver, analogue	FS2003	
 Torque screwdriver, digital	FS2248	
 Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)

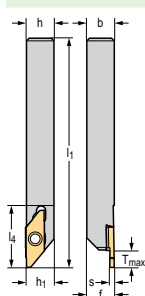
Shank tool – Radial grooving

W2011 mm

- Screw clamping
- For Swiss Machining



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f
mm

l₁
mm

l₄
mm

Type

W2011-1010R-WT26

0.5 - 3

9

10

10

10

125

27

WT26..

W2011-1212R-WT26

9

12

12

12

125

27

W2011-1616R-WT26

9

16

16

16

125

27

W2011-1010L-WT26

0.5 - 3

9

10

10

10

125

27

WT26..

W2011-1212L-WT26

9

12

12

12

125

27

W2011-1616L-WT26

9

16

16

16

125

27

Square shank

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

Assembly parts

s [mm]

0.5 - 3


Clamping screw for grooving insert
Tightening torque

FS2675 (8IP)
1,2 Nm

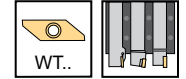
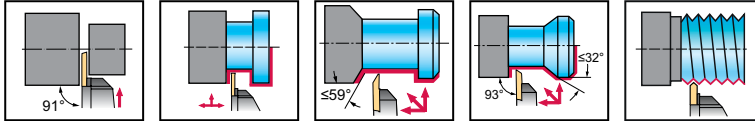
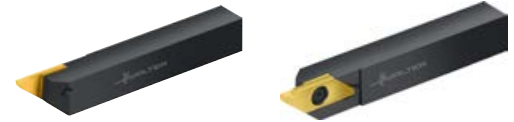

Allen key

FS2672 (T8IP)

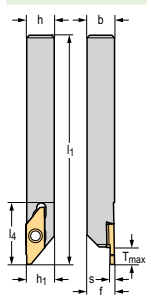
Shank tool – Radial grooving

W2011 **inch**

- Screw clamping
- For Swiss Machining



Tool



Designation

Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	Type
W2011.08R-WT26	0,020 - 0,118	0,335	0,500	0,500	0,500	5,000	1,063	WT26..
W2011.10R-WT26		0,335	0,625	0,625	0,625	5,000	1,063	
W2011.08L-WT26	0,020 - 0,118	0,335	0,500	0,500	0,500	5,000	1,063	WT26..
W2011.10L-WT26		0,335	0,625	0,625	0,625	5,000	1,063	

Square shank

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

Assembly parts

	s [inch]	0.020 - 0.118
	Clamping screw for grooving insert Tightening torque	FS2675 (8IP) 0,885 lbs
	Allen key	FS2672 (T8IP)

A2

Clamping block

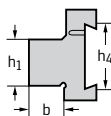
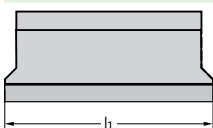
SBN

Walter Cut

– Clamping block for parting blades



Tool



Square shank

Designation

h₄

h₁
mm

b
mm

l₁
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

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

h₁ [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

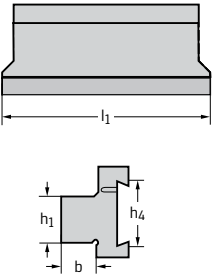
SBN inch

Walter Cut

– Clamping block for parting blades



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

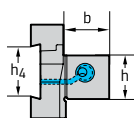
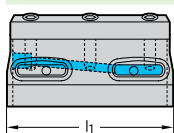
G2661...-P

Walter Cut

- Precision cooling
- Clamping block for parting blades



Tool



Square shank

Designation

h₄

h
mm

b
mm

l₁
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 catalogue 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

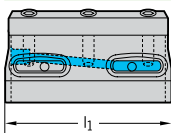
- Precision cooling
- Clamping block for parting blades



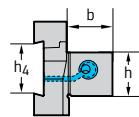
A2



Tool



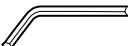
Designation	h ₄	h inch	b inch	l ₁ inch
G2661.12N-26-P	26	0,750	0,750	3,74
G2661.12N-32-P	32	0,750	0,750	3,74
G2661.16N-26-P	26	1,000	1,000	3,74
G2661.16N-32-P	32	1,000	1,000	3,74
G2661.20N-32-P	32	1,250	1,250	3,74
G2661.20N-52-P	52	1,250	1,250	5,512
G2661.24N-52-P	52	1,500	1,500	5,512



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

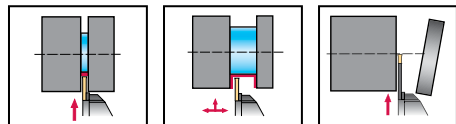
	h [inch]	0,75-1	1,25	1,5
	Clamping wedge	PK260	PK260	PK263
	Clamping screw	M06X020 ISO4762 12.9 (SW 5)	M06X020 ISO4762 12.9 (SW 5)	M08X025 ISO4762 12.9 (SW 6)
	O-ring	O-RING 20X2	O-RING 20X2	O-RING 27X2
	G 1/8" threaded plug	FS2258 (SW 2)	FS2258 (SW 2)	FS2258 (SW 2)
	ISO 2936 key	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)	ISO2936-6 (SW 6)

Groove turning holders – Radial grooving

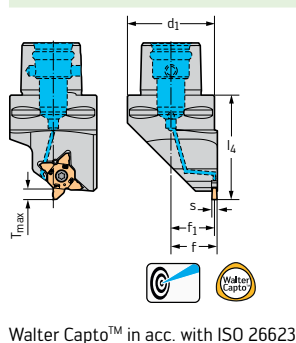
G3011-C...-P mm

Walter Cut

- Walter Capto™
- Screw clamping



Tool



Designation	s mm	T _{max} mm	d ₁	f ₁ mm	l ₄ mm	Type
G3011-C3R-MX22-2-P	0.5 - 3.3	6	C3	20	45	MX22-2E ..
G3011-C4R-MX22-2-P		6	C4	20	60	
G3011-C5R-MX22-2-P		6	C5	25	60	
G3011-C6R-MX22-2-P		6	C6	32	65	
G3011-C4R-MX22-4-P	4 - 5.7	6	C4	20	60	MX22-4E ..
G3011-C5R-MX22-4-P		6	C5	25	60	
G3011-C6R-MX22-4-P		6	C6	32	65	
G3011-C3L-MX22-2-P	0.5 - 3.3	6	C3	20	45	MX22-2E ..
G3011-C4L-MX22-2-P		6	C4	20	60	
G3011-C5L-MX22-2-P		6	C5	25	60	
G3011-C6L-MX22-2-P		6	C6	32	65	
G3011-C4L-MX22-4-P	4 - 5.7	6	C4	20	60	MX22-4E ..
G3011-C5L-MX22-4-P		6	C5	25	60	
G3011-C6L-MX22-4-P		6	C6	32	65	

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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3 - 4 - 5.7
	Clamping screw for grooving insert Tightening torque	FS2571 (T20IP) 5 Nm
	Torx key	FS2572 (T20IP)

Accessories

	s [mm]	0.5 - 3.3 - 4 - 5.7
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Groove turning holders – Radial grooving

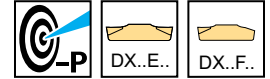
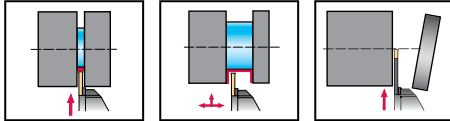
G4011-C...-P mm

Walter Cut

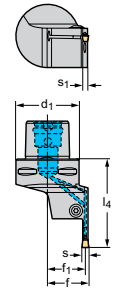
- Walter Capto™
- Screw clamping



A2



Tool

	Designation	s mm	T _{max} mm	D ₂ mm	d ₁	f ₁ mm	l ₄ mm	s ₁ mm	Type
 	G4011-C3R-2T17DX18-P	2	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	17	52	C3	20	55	1,6	DX18-2E2 ..
	G4011-C4L-2T17DX18-P		17	52	C4	20	60	1,6	

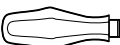
Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | If no D_2 or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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
	Allen key	FS1464 (T20IP)

Accessories

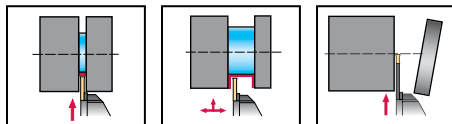
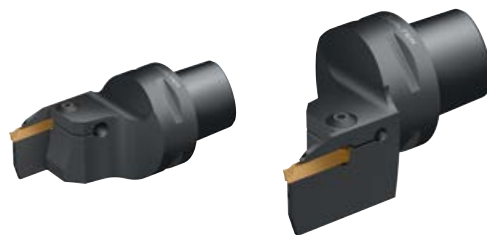
	s [mm]	2
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Groove turning holders – Radial grooving

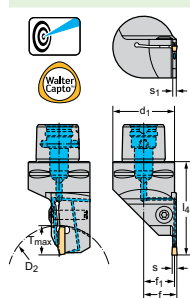
G5011-C...-P

Groov-tec™ GD

- Walter Capto™
- Screw clamping



Tool



Walter Capto™ in acc. with ISO 26623

Designation	s mm	T _{max} mm	d ₁	f ₁ mm	l ₄ mm	s ₁ mm	Type
★ G5011-C3R-3T21GD26-P	3	21	C3	20,8	60	2,4	GD26-3 ..
★ G5011-C4R-3T21GD26-P		21	C4	27	65	2,4	
★ G5011-C5R-3T21GD26-P		21	C5	30,8	70	2,4	
★ G5011-C6R-3T21GD26-P		21	C6	36,8	76	2,4	
★ G5011-C4R-4T21GD26-P	4	21	C4	25,8	65	3,4	GD26-4 ..
★ G5011-C5R-4T21GD26-P		21	C5	30,3	70	3,4	
★ G5011-C6R-4T21GD26-P		21	C6	34,6	76	3,4	
★ G5011-C4R-5T21GD26-P	5	21	C4	24,9	65	4,2	GD26-5 ..
★ G5011-C5R-5T21GD26-P		21	C5	29,9	70	4,2	
★ G5011-C6R-5T21GD26-P		21	C6	35,9	76	4,2	
★ G5011-C5R-6T21GD26-P	6	21	C5	29,4	70	5,2	GD26-6 ..
★ G5011-C6R-6T21GD26-P		21	C6	35,4	76	5,2	
★ G5011-C4L-3T21GD26-P	3	21	C4	25,8	65	2,4	GD26-3 ..
★ G5011-C5L-3T21GD26-P		21	C5	30,8	70	2,4	
★ G5011-C6L-3T21GD26-P		21	C6	36,8	76	2,4	
★ G5011-C6L-4T21GD26-P	4	21	C6	38	76	3,4	GD26-4 ..
★ G5011-C5L-6T21GD26-P	6	21	C5	29,4	70	5,2	GD26-6 ..
★ G5011-C6L-6T21GD26-P		21	C6	35,4	76	5,2	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | $f_1 = f - s/2$ | Refer to the Walter online catalogue 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, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Groove turning holders – Radial grooving

G1011-C...-P

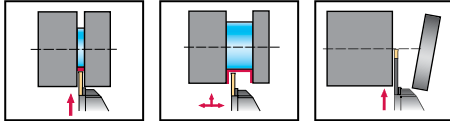
mm

Walter Cut

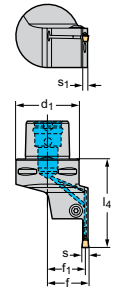
- Walter Capto™
- Screw clamping



A2



Tool

	Designation	s mm	T _{max} mm	D ₂ mm	d ₁	f ₁ mm	l ₄ mm	s ₁ mm	Type
  Walter Capto™ in acc. with ISO 26623	G1011-C3R-3T21GX24-P	3	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	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-C4L-5T21GX24-P	5	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	
	G1011-C3L-3T21GX24-P	3	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	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	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 D_2 or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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
	Allen key	FS1464 (T20IP)

Accessories

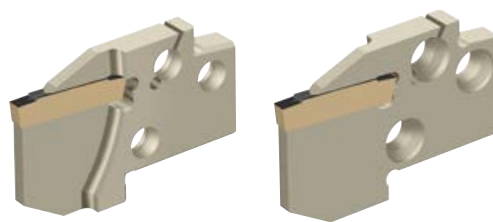
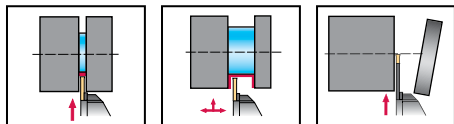
	s [mm]	3–5
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Grooving module – Radial grooving

MSS...E...

Walter Cut

– Screw clamping



Tool	Designation	s mm	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	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	5,9	45	2	E32	GX16-2E ..
	MSS-E20R12-GX16-1	2	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	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	5,9	45	2	E32	GX16-2E3 ..
	MSS-E20R12-GX16-3	4 - 5	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	5,9	45	3	E32	GX16-3E ..
	MSS-E32R21-GX24-3		21	100	25,5	5,9	54	3	E32	GX24-3E ..
										GX24-3F ..
	MSS-E25R12-GX16-4	6	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	5,9	54	4,2	E32	
	MSS-E25R21-GX24-5	8	21	79	20	5,9	47	5,9	E25	GX24-5R ..
	MSS-E20L03-GX16-2	0.6 - 3	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	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	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-E20L12-GX16-3	4 - 5	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	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	21	79	20	5,9	47	5,9	E25	GX24-5R ..

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

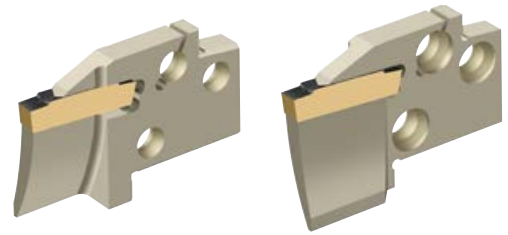
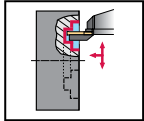
Grooving module – Axial grooving

MSS...E...A

mm

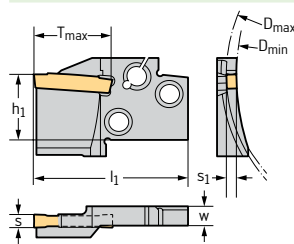
Walter Cut

– Screw clamping



A2

Tool

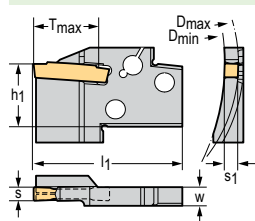


Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
MSS-E20R14-GX24-2A100150	3	14	100	150	16	4,4	42	2	E20	GX24-2E3 .. GX24-2F3 ..
MSS-E20R14-GX24-2A5070		14	50	70	16	4,4	42	2	E20	
MSS-E20R14-GX24-2A70100		14	70	100	16	4,4	42	2	E20	
MSS-E25R15-GX24-2A100150		15	100	150	20	5,9	47	2	E25	
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	4 - 5	15	100	150	20	5,9	47	3	E25	GX24-3E .. GX24-3F ..
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		15	100	150	25,5	5,9	54	3	E32	
MSS-E32R15-GX24-3A150300		15	150	300	25,5	5,9	54	3	E32	
MSS-E32R15-GX24-3A70100		15	70	100	25,5	5,9	54	3	E32	
MSS-E25R15-GX24-4A100150	6	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		15	100	150	25,5	5,9	54	4,2	E32	
MSS-E32R15-GX24-4A150300		15	150	300	25,5	5,9	54	4,2	E32	
MSS-E32R15-GX24-4A300900		15	300	900	25,5	5,9	54	4,2	E32	
MSS-E32R15-GX24-4A70100		15	70	100	25,5	5,9	54	4,2	E32	
MSS-E20L14-GX24-2A100150	3	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		15	100	150	20	5,9	47	2	E25	
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	4 - 5	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		15	70	100	20	5,9	47	3	E25	
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		15	70	100	25,5	5,9	54	3	E32	
MSS-E25L15-GX24-4A100150	6	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		15	100	150	25,5	5,9	54	4,2	E32	

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

A2

Tool



Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
MSS-E32L15-GX24-4A150300	6	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	

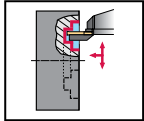
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Grooving module – Axial/contra

MSS...E...C

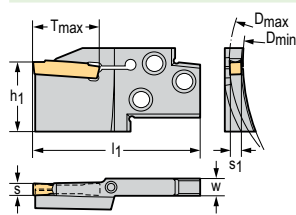
Walter Cut

– Screw clamping



A2

Tool



Designation	s mm	T _{max} mm	D _{min} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
MSS-E25R21-GX24-3C100150	4 - 5	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	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	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	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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

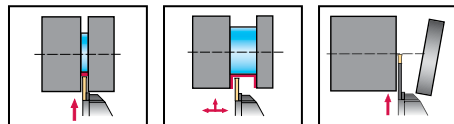
	s [mm]	4 - 5-6
	Clamping screw for grooving insert Tightening torque	FS1342 (T15) 3 Nm
	Handle key for grooving insert	FS1047 (T15)

Turning toolholder – modular

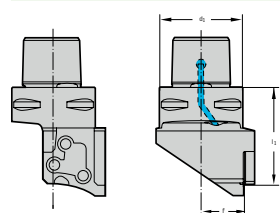
C...-MSS...00

Walter Cut

- Walter Capto™
- Screw clamping

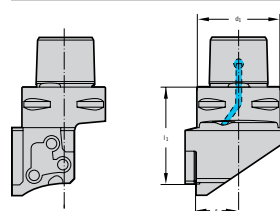


Tool



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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

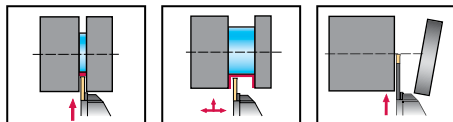
	d ₁	E20 C3	E25 C4	E25 C5–C6	E32 C6
	Coolant nozzle			FS1476	FS1476
	Cooling nozzle	FS1477	FS1477		
	Screw for grooving module Tightening torque	FS1053 (T15) 2 Nm	FS1054 (T20) 5 Nm	FS1054 (T20) 5 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)	FS1049 (T25)

Turning toolholder – modular

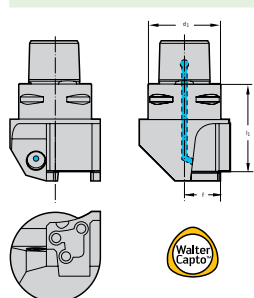
C...-MSS...90

Walter Cut

- Walter Capto™
- Screw clamping



Tool



Designation

d₁f
mml₁
mm

Module size

C4-MSS-E25R90

C4

20

48,5

E25

C5-MSS-E25R90

C5

25

48,5

E25

C6-MSS-E32R90

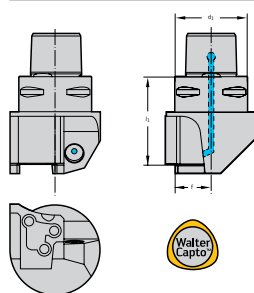
C6

27

57

E32

Walter Capto™ in acc. with ISO 26623



C4-MSS-E25L90

C4

20

48,5

E25

C5-MSS-E25L90

C5

25

48,5

E25

C6-MSS-E32L90

C6

27

57

E32

Walter Capto™ in acc. with ISO 26623

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

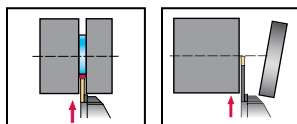
	d ₁	E25 C4	E25 C5	E32 C6
	Cooling nozzle	FS1477	FS1476	FS1476
	Screw for grooving module Tightening torque	FS1054 (T20) 5 Nm	FS1054 (T20) 5 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1048 (T20)	FS1048 (T20)	FS1049 (T25)

Grooving module – Radial grooving

G2632-E...R/L...-SX

mm

Walter Cut



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	41,8	1,6	E20	SX-2E2
	G2632-E25R-2T20SX		20	80	5,9	47,8	1,6	E25	
	G2632-E20R-3T20SX	3	20	65	4,4	41,8	2,4	E20	SX-3E3
	G2632-E25R-3T25SX		25	90	5,9	52,8	2,4	E25	
	G2632-E25R-3T35SX		35	80	5,9	62,8	2,4	E25	
	G2632-E32R-3T45SX	4	45	90	5,9	79,8	2,4	E32	SX-4E4
	G2632-E20R-4T20SX		20	65	4,4	41,8	3,4	E20	
	G2632-E25R-4T35SX		35	80	5,9	62,8	3,4	E25	
	G2632-E32R-4T45SX	5	45	90	5,9	79,8	3,4	E32	SX-5E5
	G2632-E25R-5T35SX		35	80	5,9	62,8	4,3	E25	
	G2632-E32R-5T45SX	6	45	90	5,9	79,8	4,3	E32	SX-6E6
	G2632-E25R-6T35SX		35	80	5,9	62,8	5,3	E25	
	G2632-E25R-6T45SX	6	45	90	5,9	79,8	5,3	E32	SX-6E6
	G2632-E20L-2T20SX		20	65	4,4	41,8	1,6	E20	
	G2632-E25L-2T20SX	2	20	80	5,9	47,8	1,6	E25	SX-2E2
	G2632-E20L-3T20SX		20	65	4,4	41,8	2,4	E20	
	G2632-E25L-3T25SX	3	25	90	5,9	52,8	2,4	E25	SX-3E3
	G2632-E25L-3T35SX		35	80	5,9	62,8	2,4	E25	
	G2632-E25L-3T45SX		45	90	5,9	79,8	2,4	E32	
	G2632-E32L-3T45SX	4	45	90	5,9	79,8	2,4	E32	SX-4E4
	G2632-E20L-4T20SX		20	65	4,4	41,8	3,4	E20	
	G2632-E25L-4T35SX		35	80	5,9	62,8	3,4	E25	
	G2632-E32L-4T45SX	5	45	90	5,9	79,8	3,4	E32	SX-5E5
	G2632-E25L-5T35SX		35	80	5,9	62,8	4,3	E25	
	G2632-E32L-5T45SX	6	45	90	5,9	79,8	4,3	E32	SX-6E6
	G2632-E25L-6T35SX		35	80	5,9	62,8	5,3	E25	
	G2632-E32L-6T45SX	8	45	90	5,9	79,8	5,3	E32	SX-8E8
	G2632-E32N-8T45SX		45	90	6,8	79,8	6,8	E32	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

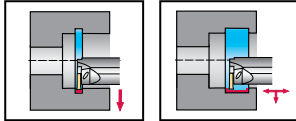
	s [mm]	2-6	8
	Mounting wrench for grooving insert	FS1494	FS2274

Boring bar – Internal grooving

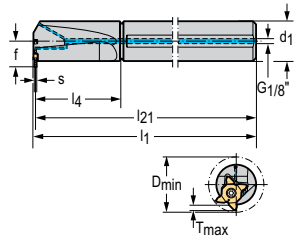
G3221...-P mm

Walter Cut

- Screw clamping
- Precision cooling



Tool

	Designation	s mm	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 - 3.3	4	80	32	20,6	72	248,3	250	MX22-2E ..
	G3221-32SL-MX22-2-P	0.5 - 3.3	4	80	32	20,6	72	248,3	250	MX22-2E ..

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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3
	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 (T20IP)

Accessories

	s [mm]	0.5 - 3.3
	Torque screwdriver, analogue	FS2003
	Interchangeable blade	FS2015 (T20IP)
	Torque screwdriver, digital	FS2248

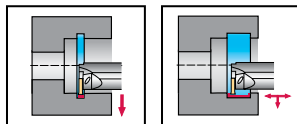
Boring bar – Internal grooving

G4221...-P

mm

Walter Cut

- Screw clamping
- Precision cooling



Tool

	Designation	s mm	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	8	25	25	21,1	46,2	199,2	1,6	DX18-2E2 ..
	G4221-25RR-3T08-DX18-P	3	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	10	32	32	26,6	59,3	248,3	3,4	DX18-4E4 .. DX18-4F4 ..
	G4221-25RL-2T08-DX18-P	2	8	25	25	21,1	46,2	199,2	1,6	DX18-2E2 ..
	G4221-25RL-3T08-DX18-P	3	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	10	32	32	26,6	59,3	248,3	3,4	DX18-4E4 .. DX18-4F4 ..

Cylindrical shank with flat

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“ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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	
	Interchangeable blade	FS2015 (T20IP)	FS2016 (T25IP)
	Torque screwdriver, digital	FS2248	

Boring bar – Internal grooving

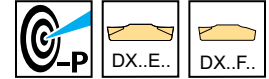
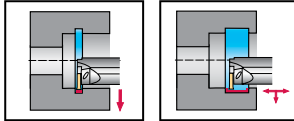
G4221...-P inch

Walter Cut

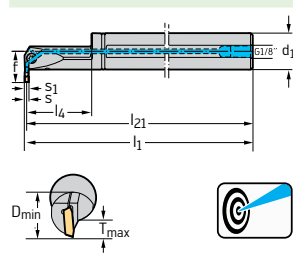
- Screw clamping
- Precision cooling



A2



Tool



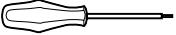
Designation

	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	0,079	0,315	1,000	1,000	0,839	1,821	7,843	0,063	DX18-2E2 ..
G4221.16RR-3T08-DX18-P	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	0,157	0,394	1,250	1,250	1,043	2,335	9,776	0,134	DX18-4E4 .. DX18-4F4 ..

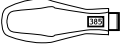
Cylindrical shank with flat

$l_1 = l_{21} + s/2$ | 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“ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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) 3,688 lbs	FS2089 (T25IP) 4,425 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

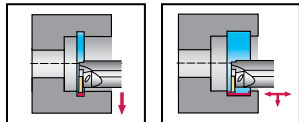
	D _{min} [inch]	1	1,25
	Torque screwdriver, analogue	FS2004	
	Interchangeable blade	FS2015 (T20IP)	FS2016 (T25IP)
	Torque screwdriver, digital	FS2248	

Boring bar – Internal grooving

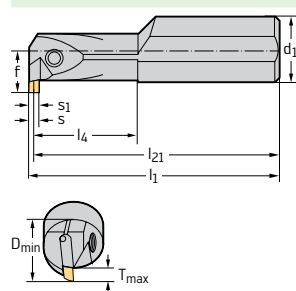
I12

Walter Cut

– Screw clamping



Tool

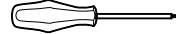


Cylindrical shank with flat

Designation	s mm	T _{max} mm	D _{min} mm	d ₁ mm	f mm	l ₄ mm	l ₂₁ mm	l ₁ mm	s ₁ mm	Type
I12R90-2.5D-GX09	2 - 2.5	3	16	16	11	30	149,5	151	1,3	GX09-1E1 ..
I12L90-2.5D-GX09	2 - 2.5	3	16	16	11	30	149,5	151	1,3	GX09-1E1 ..

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

Assembly parts

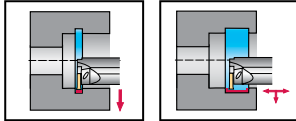
	s [mm] D _{min} [mm]	2 - 2.5 16
	Clamping screw for grooving insert Tightening torque	FS2139 (T20IP) 5 Nm
	Handle key for grooving insert	FS1486 (T20IP)

Boring bar – Internal grooving

G1221...-P mm

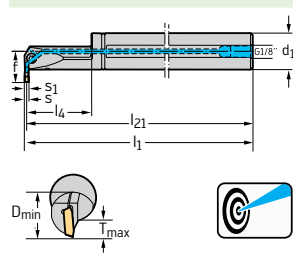
Walter Cut

- Screw clamping
- Precision cooling



A2

Tool

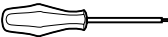


Cylindrical shank with flat

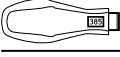
Designation	s mm	T _{max} mm	D _{min} mm	d ₁ mm	f mm	l ₄ mm	l ₂₁ mm	l ₁ mm	s ₁ mm	Type
G1221-16QR-2T04-GX09-P	2 - 2.5	4	16	16	12,6	29,3	179,3	180,3	1,4	GX09-1E1 ..
G1221-20QR-2T06-GX09-P		6	20	20	16,6	36,3	179,3	180,3	1,4	
G1221-20QR-3T06-GX09-P	2.5 - 3	6	20	20	16,6	35,9	179	180,45	2,1	GX09-2E3 ..
G1221-40TR-3T12-GX24-P		3	12	40	32,6	72	299	300,45	2,1	
G1221-40TR-4T12-GX24-P	4	12	40	40	32,6	71,5	298,5	300,45	3,1	GX24-3E .. GX24-3F ..
G1221-40TR-5T12-GX24-P	5 - 6	12	40	40	32,6	71,1	298,1	300,6	3,8	
G1221-16QL-2T04-GX09-P	2 - 2.5	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	6	20	20	16,6	35,9	179	180,45	2,1	GX09-2E3 ..
G1221-40TL-3T12-GX24-P		3	12	40	32,6	72	299	300,45	2,1	
G1221-40TL-4T12-GX24-P	4	12	40	40	32,6	71,5	298,5	300,45	3,1	GX24-3E .. GX24-3F ..
G1221-40TL-5T12-GX24-P	5 - 6	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 catalogue 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

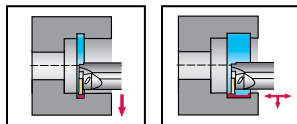
	s [mm] D _{min} [mm]	3 - 5 - 6 40	2 - 2.5 - 2.5 - 3 16 - 20
	Torque screwdriver, analogue	FS2003	
	Interchangeable blade	FS2016 (T25IP)	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248	

Boring bar – Internal grooving

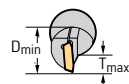
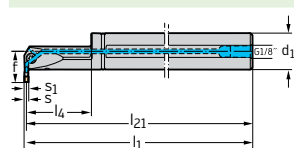
G1221...-P inch

Walter Cut

- Screw clamping
- Precision cooling



Tool



Cylindrical shank with flat



Designation	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	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	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	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	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	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	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 catalogue 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

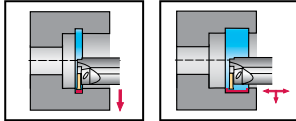
s [inch] D _{min} [inch]	0,079 - 0,098 - 0,098 - 0,118 0,625 - 0,75	0,157 1,5
Torque screwdriver, analogue	FS2004	
Interchangeable blade	FS2014 (T15IP)	FS2016 (T25IP)
Torque screwdriver, digital	FS2248	

Boring bar – modular

MSS...I...90-1.5 mm

Walter Cut

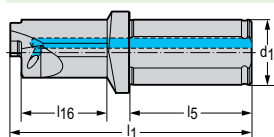
– Screw clamping



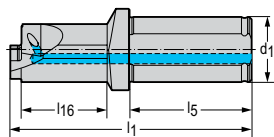
A2



Tool



Cylindrical shank with flat



Cylindrical shank with flat

Designation

d₁
mml₁₆
mml₅
mml₁
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

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

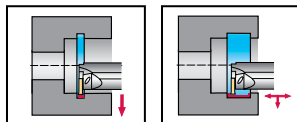
		I16	I20	I25	I32	I40
	Screw for grooving module Tightening torque	FS1051 (T8) 2 Nm	FS1056 (T10) 2 Nm	FS1052 (T15) 2 Nm	FS1057 (T20) 3 Nm	FS1054 (T20) 5 Nm
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

Boring bar – modular

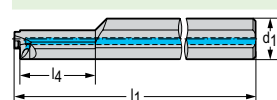
MSS...I...90-2.5 mm

Walter Cut

– Screw clamping



Tool



Cylindrical shank

Designation

 d_1
mm

 l_4
mm

 l_1
mm

Module size

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

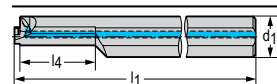
MSS-I40R90-2,5D-N

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts


Screw for grooving module
Tightening torque

I16

I20

I25

I32

I40

FS1051 (T8)
2 Nm

FS1056 (T10)
2 Nm

FS1052 (T15)
2 Nm

FS1057 (T20)
3 Nm

FS1054 (T20)
5 Nm


Handle key

FS257 (T8)

FS1050 (T10)

FS1047 (T15)

FS1048 (T20)

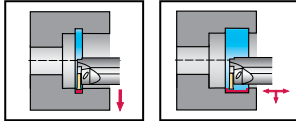
FS1048 (T20)

Boring bar – modular

MSS...I...90-1.5 inch

Walter Cut

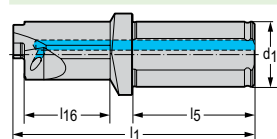
– Screw clamping



A2

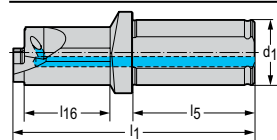


Tool



Cylindrical shank with flat

Designation	d ₁ inch	l ₁₆ inch	l ₅ inch	l ₁ inch	Module size
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 with flat

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

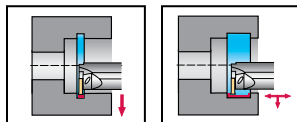
		I16	I20	I25	I32	I40
	Screw for grooving module Tightening torque	FS1051 (T8) 1,475 lbs	FS1056 (T10) 1,475 lbs	FS1052 (T15) 1,475 lbs	FS1057 (T20) 2,213 lbs	FS1054 (T20) 3,688 lbs
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

Boring bar – modular

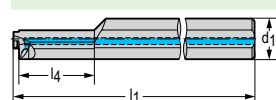
MSS...I...90-2.5 inch

Walter Cut

– Screw clamping



Tool



Cylindrical shank

Designation

d₁
inch

l₄
inch

l₁
inch

Module size

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

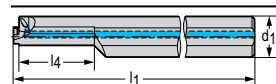
MSS-I40R90-2,5D-E

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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts


Screw for grooving module
Tightening torque

I16

FS1051 (T8)
1,475 lbs

I20

FS1056 (T10)
1,475 lbs

I25

FS1052 (T15)
1,475 lbs

I32

FS1057 (T20)
2,213 lbs

I40

FS1054 (T20)
3,688 lbs


Handle key

FS257 (T8)

FS1050 (T10)

FS1047 (T15)

FS1048 (T20)

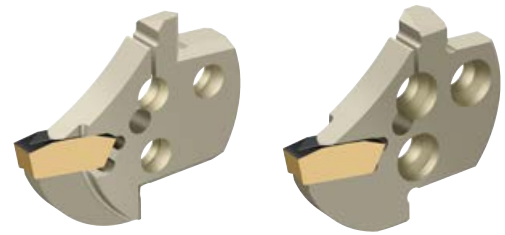
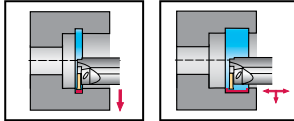
FS1048 (T20)

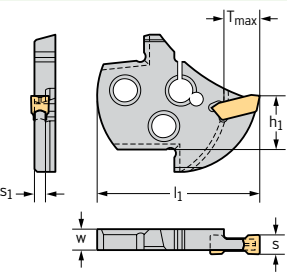
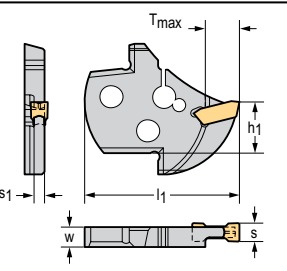
Grooving module – Internal grooving

MSS...I...

Walter Cut

– Screw clamping

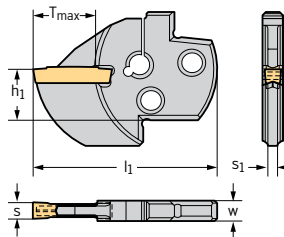


Tool	Designation	s mm	T _{max} mm	D _{min} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
	MSS-I32R03-GX16-2	0.6 - 3	3	40	12,3	5,9	38	2	I32	GX16-0E ..
	MSS-I40R03-GX16-2		3	50	15,5	5,9	47	2	I40	GX16-1E .. GX16-2E ..
	MSS-I16R02-GX09-1	2	2	20	6,3	3,8	19	1,3	I16	GX09-1E ..
	MSS-I16R04-GX09-1		4	20	6,3	3,8	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	29,5	1,3	I25	GX09-1E ..
	MSS-I25R06-GX09-1		6	32	9,8	3,8	29,5	1,3	I25	GX09-1E1 ..
	MSS-I32R09-GX16-1	3	9	40	12,3	5,9	38	1,3	I32	GX16-1E2 ..
	MSS-I40R10-GX16-1		10	50	15,5	5,9	47	1,3	I40	
	MSS-I16R04-GX09-2	3	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	29,5	2	I25	
	MSS-I32R09-GX16-2	3	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	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	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	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	2	20	6,3	3,8	19	1,3	I16	
	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	29,5	1,3	I25	GX09-1E ..
	MSS-I25L06-GX09-1		6	32	9,8	3,8	29,5	1,3	I25	GX09-1E1 ..
	MSS-I32L09-GX16-1	3	9	40	12,3	5,9	38	1,3	I32	GX16-1E2 ..
	MSS-I40L10-GX16-1		10	50	15,5	5,9	47	1,3	I40	
	MSS-I16L04-GX09-2		4	20	6,3	3,8	19	2	I16	
	MSS-I20L05-GX09-2		5	25	7,6	3,8	23	2	I20	
	MSS-I25L06-GX09-2		6	32	9,8	3,8	29,5	2	I25	
	MSS-I32L09-GX16-2		3	9	40	12,3	5,9	38	2	I32
	MSS-I40L10-GX16-2	10		50	15,5	5,9	47	2	I40	
	MSS-I32L09-GX16-3	4 - 5		9	40	12,3	5,9	38	3	I32
	MSS-I40L10-GX16-3		10	50	15,5	5,9	47	3	I40	
	MSS-I32L09-GX16-4	6	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 catalogue for more product information: www.walter-tools.com

A2

Tool

	Designation	s mm	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	19	60	15,5	6,2	55	3	I40	GX24-3E .. GX24-3F ..
	MSS-I40N19-GX24-4	6	19	60	15,5	6,2	55	4,2	I40	GX24-4E6 ..

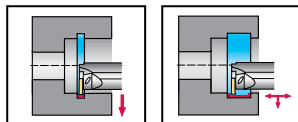
Refer to the Walter online catalogue for more product information: www.walter-tools.com

Exchangeable head – Internal grooving

G4221-Q...-P mm

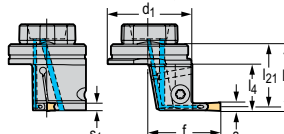
Walter Cut

- QuadFit
- For Accuretec boring bars



A2

Tool

	Designation	s mm	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	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	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	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	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 catalogue 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, analogue	FS2003

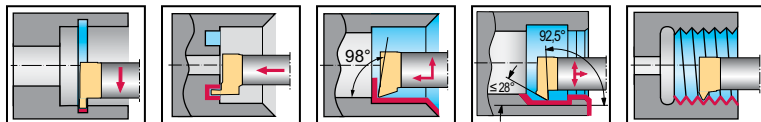
Boring bar for exchangeable head

W3270-A

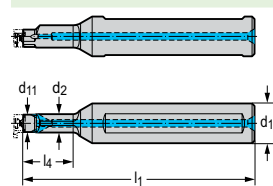
mm



- Screw clamping
- A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation

	d ₁₁ mm	d ₂ mm	d ₁ mm	l ₄ mm	l ₁ mm	kg	Type
W3270-A12-21-WE05	5	6	12	17,3	76,3	0,1	WE05...
W3270-A16-12-WE05	5	6	16	8,3	76,3	0,1	
W3270-A16-16-WE07	7	9	16	12,1	93,1	0,1	WE07...
W3270-A16-24-WE07	7	9	16	20,1	93,1	0,1	
W3270-A16-20-WE09	9	11	16	14,7	94,7	0,1	WE09...
W3270-A16-30-WE09	9	11	16	24,2	94,8	0,1	

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

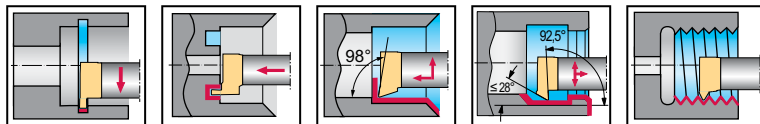
Assembly parts

	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)

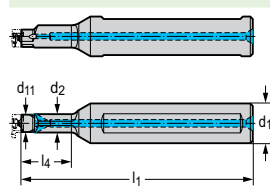
Boring bar for exchangeable head

W3270-E mm

- Screw clamping
- E = Solid carbide version with internal cooling



Tool



Parallel shank with clamping surface

Designation

d₁₁
mmd₂
mmd₁
mml₄
mml₁
mm

Type

W3270-E12-21-WE05	5	6	12	17,3	76,3	0,1	WE05...
W3270-E12-30-WE05	5	6	12	26,3	86,3	0,1	
W3270-E12-42-WE05	5	6	12	38,3	96,3	0,1	
W3270-E12-24-WE07	7	9	12	20,1	88,1	0,1	WE07...
W3270-E12-32-WE07	7	9	12	28,1	96,1	0,1	
W3270-E12-48-WE07	7	9	12	44,1	111,1	0,1	
W3270-E12-64-WE07	7	9	12	60,1	126,1	0,2	WE09...
W3270-E12-20-WE09	9	11	12	14,8	75	0,1	
W3270-E12-34-WE09	9	11	12	28,8	94,8	0,1	
W3270-E12-45-WE09	9	11	12	39,8	104,8	0,1	
W3270-E12-64-WE09	9	11	12	58,8	124,8	0,2	
W3270-E16-34-WE09	9	11	16	28,8	94,8	0,2	
W3270-E16-45-WE09	9	11	16	39,8	104,8	0,2	
W3270-E16-64-WE09	9	11	16	58,8	124,8	0,2	

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

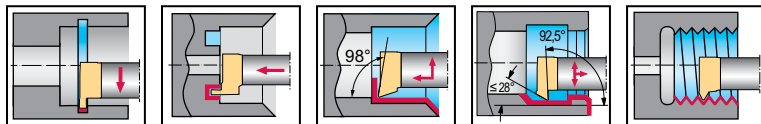
	d ₁₁ [mm]	5	7	9
	Clamping screw Tightening torque	FS2676 (T7IP) 0,8 Nm	FS2692 (T9IP) 2,1 Nm	FS2679 (T15IP) 4,5 Nm
	Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)

Boring bar for exchangeable head

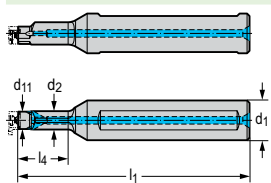
W3270-A inch



- Screw clamping
- A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation	d ₁₁ inch	d ₂ inch	d ₁ inch	l ₄ inch	l ₁ inch	lbs	Type
W3270.A0500-21-WE05	0,197	0,236	0,500	0,681	3,004	0,11	WE05...
W3270.A0625-12-WE05	0,197	0,236	0,625	0,327	3,004	0,198	
W3270.A0625-16-WE07	0,276	0,354	0,625	0,476	3,665	0,287	WE07...
W3270.A0625-24-WE07	0,276	0,354	0,625	0,791	3,98	0,265	
W3270.A0625-20-WE09	0,354	0,433	0,625	0,583	3,732	0,309	WE09...
W3270.A0625-30-WE09	0,354	0,433	0,625	0,976	3,732	0,287	

Refer to the Walter online catalogue for more product information: www.walter-tools.com | 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) 0,59 lbs	FS2692 (T9IP) 1,549 lbs	FS2679 (T15IP) 3,319 lbs
	Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)

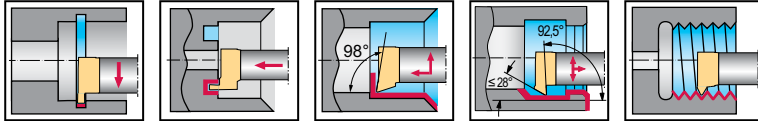
Boring bar for exchangeable head

W3270-E inch

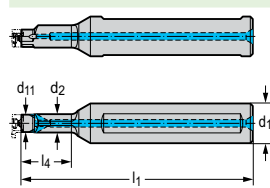
- Screw clamping
- E = Solid carbide version with internal cooling



A2



Tool



Parallel shank with clamping surface

Designation	d ₁₁ inch	d ₂ inch	d ₁ inch	l ₄ inch	l ₁ inch	lbs	Type
W3270.E0500-21-WE05	0,197	0,236	0,500	0,681	3,004	0,265	WE05...
W3270.E0500-30-WE05	0,197	0,236	0,500	1,035	3,398	0,265	
W3270.E0500-42-WE05	0,197	0,236	0,500	1,508	3,791	0,22	
W3270.E0500-22-WE07	0,276	0,354	0,500	0,713	3,390	0,287	WE07...
W3270.E0500-32-WE07	0,276	0,354	0,500	1,106	3,783	0,309	
W3270.E0500-48-WE07	0,276	0,354	0,500	1,736	4,374	0,243	
W3270.E0500-64-WE07	0,276	0,354	0,500	2,366	4,965	0,353	WE09...
W3270.E0500-20-WE09	0,354	0,433	0,500	0,583	2,953	0,243	
W3270.E0500-34-WE09	0,354	0,433	0,500	1,134	3,732	0,287	
W3270.E0500-45-WE09	0,354	0,433	0,500	1,543	4,126	0,353	
W3270.E0500-64-WE09	0,354	0,433	0,500	2,315	4,913	0,397	
W3270.E0625-45-WE09	0,354	0,433	0,625	1,567	4,331	0,463	
W3270.E0625-64-WE09	0,354	0,433	0,625	2,315	4,913	0,529	

 Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

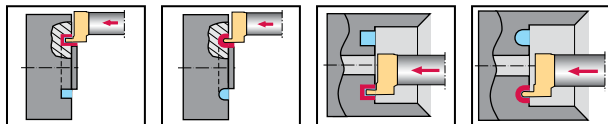
d ₁₁ [inch]	0,197	0,276	0,354
 Clamping screw Tightening torque	FS2676 (T7IP) 0,59 lbs	FS2692 (T9IP) 1,549 lbs	FS2679 (T15IP) 3,319 lbs
 Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)

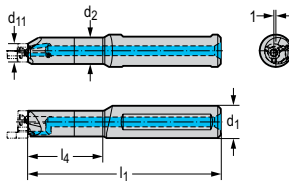
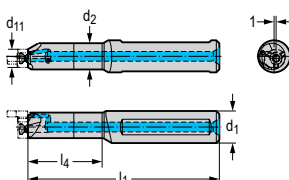
A2

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 ₄ mm	l ₁ mm	kg	Type
	Designation	W3271-E16R-42-WE09	9	13	16	37	94,7	0,2	WE09...
	Parallel shank with clamping surface								
	Designation	W3271-E16L-42-WE09	9	13	16	37	94,7	0,2	WE09...
	Parallel shank with clamping surface								

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		d ₁₁ [mm]	9
	Clamping screw		FS2679 (T15IP)
	Tightening torque		4,5 Nm
	Torx key		FS1465 (T15IP)

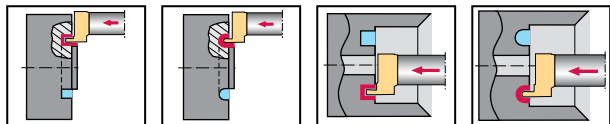
Boring bar for exchangeable head – Axial grooving

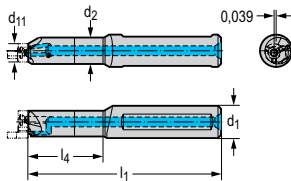
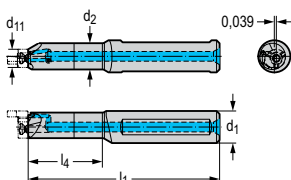
W3271-E **inch**

- Screw clamping
- E = Solid carbide version with internal cooling

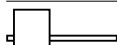


A2



Tool		Designation	d ₁₁ inch	d ₂ inch	d ₁ inch	l ₄ inch	l ₁ inch	lbs	Type
		W3271.E0625R-42-WE09	0,354	0,433	0,625	1,445	3,728	0,269	WE09...
	Parallel shank with clamping surface								
		W3271.E0625L-42-WE09	0,354	0,433	0,625	1,445	3,728	0,269	WE09...
	Parallel shank with clamping surface								

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		d ₁₁ [inch]	0,354
	Clamping screw Tightening torque		FS2679 (T15IP) 3,319 lbs
	Torx key		FS1465 (T15IP)

Indexable inserts

Machining

External machining

Indexable inserts



Thread type

55° partial profile

60° partial profile

full profile, 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 TP [mm]

0,5–3,0

0,5–5,0

5,0–16,0

8,0–27,0

11,5–18,0

Pitch TPI [Threads/Inch]

8,0–48,0

5,0–48,0

5,0–16,0

8,0–27,0

11,5–18,0

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www.walter-tools.com/woc/

Machining

External machining

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 TP [mm]

6,0–40,0

8,0–32,0

11,0–19,0

12,0

0,5–5,0

Pitch TPI [Threads/Inch]

6,0–40,0

8,0–32,0

11,0–19,0

12,0

0,5–5,0

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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 TP [mm]	2,0–5,0			0,5–3,0	0,5–5,0
Pitch TPI [Threads/Inch]	6,0–8,0		7,0–28,0	8,0–48,0	5,0–48,0
Page in catalogue	622	622	619	625	624
QR code					
	TS	TS	TS	TS	TS

Machining	Internal machining				
Indexable inserts					
Thread type	full profile, ACME 29°	full profile, American NPT 60°	full profile, American NPTF 60°	full profile, American UN 60°	full profile, BSPT 55°
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Pitch TP [mm]	1,5				
Pitch TPI [Threads/Inch]	5,0–16,0	8,0–18,0	11,5–14,0	5,0–40,0	11,0–19,0
Page in catalogue	636	633	634	628	632
QR code					
	TS	TS	TS	TS	TS

Indexable inserts

Machining

Internal machining

Indexable inserts



Thread type

full profile, BUT
45°

full profile, ISO
metric 60°

full profile, RD
30°

full profile, TR
30°

full profile,
Whitworth 55°

P Steel

●●

●●

●●

●●

●●

M Stainless steel

●●

●●

●●

●●

●●

K Cast iron

●

●

●

●

●

N NF metals

●

●

●

●

●

S Materials with difficult cutting properties

●

●

●

●

●

H Hard materials

O Other

Pitch TP [mm]

0,5–5,0

2,0–5,0

Pitch TPI [Threads/Inch]

12,0

6,0–8,0

5,0–28,0

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QR code


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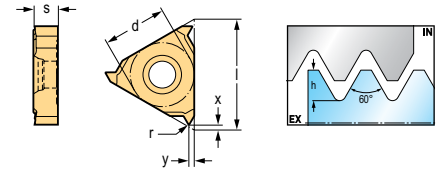
TS

TS

External thread turning inserts – 60° partial profile

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TP mm	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h mm	X mm	Y mm	P		M		S	
												HC	WMP22G	HC	WMP32G	HC	WMP32G
	TS16-ER-A60	0.5–1.5	48–16	1	0.08	16	3,47	9,53	1,25	0,6	0,8						
	TS16-ER-AG60	0.5–3	48–8	1	0.08	16	3,47	9,53	2,4	1,1	1,5						
	TS16-ER-G60	1.75–3	14–8	1	0.18	16	3,47	9,53	2,3	1,1	1,5						
	TS22-ER-N60	3.5–5	7–5	1	0.4	22	4,71	12,7	3,49	1,8	2,5						
	TS16-EL-A60	0.5–1.5	48–16	1	0.08	16	3,47	9,53	1,25	0,6	0,8						
	TS16-EL-AG60	0.5–3	48–8	1	0.08	16	3,47	9,53	2,4	1,1	1,5						
	TS16-EL-G60	1.75–3	14–8	1	0.18	16	3,47	9,53	2,3	1,1	1,5						
	TS22-EL-N60	3.5–5	7–5	1	0.4	22	4,71	12,7	3,49	1,8	2,5						
	TS16-ER-A60-F5	0.5–1.5	48–16	1	0.08	16	3,47	9,53	1,28	0,6	0,8						
	TS16-ER-AG60-F5	0.5–3	48–8	1	0.08	16	3,47	9,53	2,5	1,1	1,5						
	TS16-ER-G60-F5	1.75–3	14–8	1	0.18	16	3,47	9,53	2,4	1,2	1,5						
	TS16-ER-A60-M5	0.5–1.5	48–16	1	0.08	16	3,47	9,53	1,28	0,6	0,8						
	TS16-ER-AG60-M5	1.75–3	48–8	1	0.08	16	3,47	9,53	2,5	1,1	1,5						

Dimensional drawing shows right-hand version.

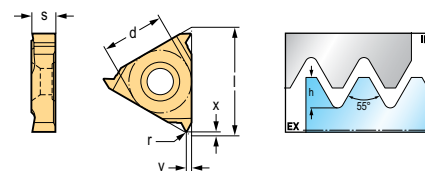
HC = Coated carbide

Ordering example for the grade WMP22G: TS16-ER-A60 WMP22G

External thread turning inserts – 55° partial profile

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TP mm	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h mm	X mm	Y mm	P	M	S
												HC	HC	HC
	TS16-ER-A55	0,5–1,5	48–16	1	0,08	16	3,47	9,53	1,42	0,6	0,8	WMP32G	WMP32G	WMP32G
	TS16-ER-AG55	0,5–3	48–8	1	0,08	16	3,47	9,53	2,46	1,1	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER-G55	1,75–3	14–8	1	0,2	16	3,47	9,53	2,3	1,1	1,5	WMP32G	WMP32G	WMP32G
	TS16-EL-A55	0,5–1,5	48–16	1	0,08	16	3,47	9,53	1,42	0,6	0,8	WMP32G	WMP32G	WMP32G
	TS16-ER-AG55-F5	0,5–3	48–8	1	0,08	16	3,47	9,53	2,46	1,1	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER-G55-F5	1,75–3	14–8	1	0,2	16	3,47	9,53	2,32	1,2	1,5	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

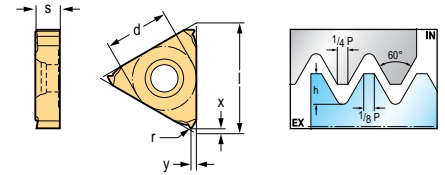
HC = Coated carbide

Ordering example for the grade WMP32G: TS16-ER-A55 WMP32G

External thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



A3

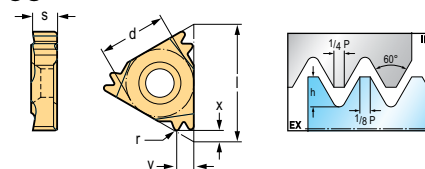
Indexable inserts

	Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
											HC		HC		HC	
											WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-ER0.5ISO	0,5	1	0,06	16	3,47	9,53	0,3	0,8	0,8						
	TS16-ER0.70ISO	0,7	1	0,09	16	3,47	9,53	0,42	0,8	0,8						
	TS16-ER0.75ISO	0,75	1	0,11	16	3,47	9,53	0,45	0,8	0,8						
	TS16-ER0.8ISO	0,8	1	0,11	16	3,47	9,53	0,48	0,8	0,6						
	TS16-ER1.0ISO	1	1	0,14	16	3,47	9,53	0,61	0,8	0,8						
	TS16-ER1.25ISO	1,25	1	0,17	16	3,47	9,53	0,77	0,8	0,8						
	TS16-ER1.5ISO	1,5	1	0,22	16	3,47	9,53	0,89	0,8	0,8						
	TS16-ER1.75ISO	1,75	1	0,25	16	3,47	9,53	1,07	1,2	1,5						
	TS16-ER2.0ISO	2	1	0,29	16	3,47	9,53	1,21	1,2	1,5						
	TS16-ER2.5ISO	2,5	1	0,34	16	3,47	9,53	1,54	1,2	1,5						
	TS16-ER3.0ISO	3	1	0,42	16	3,47	9,53	1,83	1,2	1,5						
	TS22-ER3.5ISO	3,5	1	0,47	22	4,71	12,7	2,13	1,8	2,5						
	TS22-ER4.0ISO	4	1	0,53	22	4,71	12,7	2,48	1,8	2,5						
	TS22-ER4.5ISO	4,5	1	0,59	22	4,71	12,7	2,81	1,8	2,5						
	TS22-ER5.0ISO	5	1	0,66	22	4,71	12,7	3,12	1,8	2,5						
	TS16-EL0.5ISO	0,5	1	0,06	16	3,47	9,53	0,3	0,8	0,8						
	TS16-EL0.75ISO	0,75	1	0,09	16	3,47	9,53	0,45	0,8	0,8						
	TS16-EL0.8ISO	0,8	1	0,11	16	3,47	9,53	0,48	0,8	0,8						
	TS16-EL1.0ISO	1	1	0,12	16	3,47	9,53	0,61	0,8	0,8						
	TS16-EL1.25ISO	1,25	1	0,15	16	3,47	9,53	0,77	0,8	0,8						
	TS16-EL1.5ISO	1,5	1	0,22	16	3,47	9,53	0,89	0,8	0,8						
	TS16-EL1.75ISO	1,75	1	0,22	16	3,47	9,53	1,07	1,2	1,5						
	TS16-EL2.0ISO	2	1	0,29	16	3,47	9,53	1,21	1,2	1,5						
	TS16-EL2.5ISO	2,5	1	0,31	16	3,47	9,53	1,54	1,2	1,5						
	TS16-EL3.0ISO	3	1	0,42	16	3,47	9,53	1,83	1,2	1,5						
	TS22-EL3.5ISO	3,5	1	0,47	22	4,71	12,7	2,13	1,8	2,5						
	TS22-EL4.0ISO	4	1	0,53	22	4,71	12,7	2,48	1,8	2,5						
	TS22-EL4.5ISO	4,5	1	0,59	22	4,71	12,7	2,81	1,8	2,5						
	TS22-EL5.0ISO	5	1	0,66	22	4,71	12,7	3,12	1,8	2,5						
		TS16-ER1.0ISO-F5	1	1	0,14	16	3,47	9,53	0,61	0,8	0,8					
TS16-ER1.25ISO-F5		1,25	1	0,17	16	3,47	9,53	0,77	0,8	0,8						
TS16-ER1.5ISO-F5		1,5	1	0,21	16	3,47	9,53	0,89	0,8	0,8						
TS16-ER1.75ISO-F5		1,75	1	0,25	16	3,47	9,53	1,07	1,2	1,5						
TS16-ER2.0ISO-F5		2	1	0,29	16	3,47	9,53	1,21	1,2	1,5						
TS16-ER2.5ISO-F5		2,5	1	0,34	16	3,47	9,53	1,54	1,2	1,5						
	TS16-ER3.0ISO-F5	3	1	0,42	16	3,47	9,53	1,83	1,2	1,5						
	TS16-ER1.0ISO-M5	1	1	0,14	16	3,47	9,53	0,61	0,8	0,8						
	TS16-ER1.25ISO-M5	1,25	1	0,17	16	3,47	9,53	0,77	0,8	0,8						
	TS16-ER1.5ISO-M5	1,5	1	0,22	16	3,47	9,53	0,89	0,8	0,8						
	TS16-ER1.75ISO-M5	1,75	1	0,25	16	3,47	9,53	1,07	1,2	1,5						

External thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
TS16-ER1.0ISO-3	1	3	0,14	16	3,47	9,53	0,61	1,5	2,4	WMP32G	WMP32G	WMP32G
TS16-ER1.5ISO-2	1,5	2	0,22	16	3,47	9,53	0,89	1,5	2,2	WMP32G	WMP32G	WMP32G
TS16-ER2.0ISO-2	2	2	0,29	16	3,47	9,53	1,21	1,6	2,4	WMP32G	WMP32G	WMP32G
TS22-ER1.5ISO-3	1,5	3	0,22	22	4,71	12,7	0,89	2,3	3,6	WMP32G	WMP32G	WMP32G
TS22-ER2.0ISO-2	2	2	0,29	22	4,71	12,7	1,2	2	2,9	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

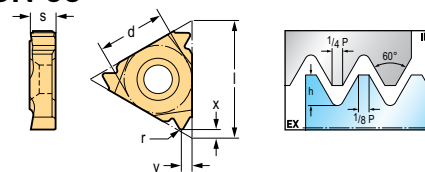
Ordering example for the grade WMP32G: TS16-ER1.0ISO-3 WMP32G

HC = Coated carbide

External thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
TS16-ER40UN	40	1	0,08	16	3,47	9,53	0,39	1,2	0,5	WMP22G	WMP22G	WMP22G
TS16-ER32UN	32	1	0,09	16	3,47	9,53	0,51	0,8	0,8	WMP22G	WMP22G	WMP22G
TS16-ER28UN	28	1	0,11	16	3,47	9,53	0,57	0,8	0,8	WMP22G	WMP22G	WMP22G
TS16-ER24UN	24	1	0,13	16	3,47	9,53	0,67	0,8	0,8	WMP22G	WMP22G	WMP22G
TS16-ER20UN	20	1	0,16	16	3,47	9,53	0,77	0,8	0,8	WMP22G	WMP22G	WMP22G
TS16-ER18UN	18	1	0,18	16	3,47	9,53	0,86	1,2	0,8	WMP22G	WMP22G	WMP22G
TS16-ER16UN	16	1	0,22	16	3,47	9,53	0,96	1,2	0,8	WMP22G	WMP22G	WMP22G
TS16-ER14UN	14	1	0,22	16	3,47	9,53	1,16	1,2	1,5	WMP22G	WMP22G	WMP22G
TS16-ER13UN	13	1	0,24	16	3,47	9,53	1,25	1,2	1,5	WMP22G	WMP22G	WMP22G
TS16-ER12UN	12	1	0,26	16	3,47	9,53	1,32	1,2	1,5	WMP22G	WMP22G	WMP22G
TS16-ER11UN	11	1	0,28	16	3,47	9,53	1,47	1,2	1,5	WMP22G	WMP22G	WMP22G
TS16-ER10UN	10	1	0,34	16	3,47	9,53	1,55	1,2	1,5	WMP22G	WMP22G	WMP22G
TS16-ER09UN	9	1	0,34	16	3,47	9,53	1,79	1,2	1,5	WMP22G	WMP22G	WMP22G
TS16-ER08UN	8	1	0,38	16	3,47	9,53	2,02	1,2	1,5	WMP22G	WMP22G	WMP22G
TS22-ER7UN	7	1	0,47	22		12,7	2,23	1,8	2,5	WMP22G	WMP22G	WMP22G
TS22-ER6UN	6	1	0,52	22	4,71	12,7	2,65	2	2,5	WMP22G	WMP22G	WMP22G

Dimensional drawing shows right-hand version.

Ordering example for the grade WMP22G: TS16-ER08UN WMP22G

HC = Coated carbide

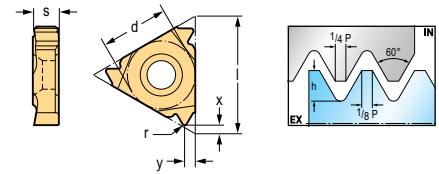
WALTER SELECT

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

External thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



A3

Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
										HC		HC		HC	
										WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-EL32UN	32	1	0,09	16	3,47	9,53	0,51	0,8	0,8	☺	☺	☺	☺	☺
	TS16-EL28UN	28	1	0,11	16	3,47	9,53	0,57	0,8	0,8	☺	☺	☺	☺	☺
	TS16-EL24UN	24	1	0,13	16	3,47	9,53	0,67	0,8	0,8	☺	☺	☺	☺	☺
	TS16-EL20UN	20	1	0,16	16	3,47	9,53	0,77	0,8	0,8	☺	☺	☺	☺	☺
	TS16-EL18UN	18	1	0,18	16	3,47	9,53	0,86	1,2	0,8	☺	☺	☺	☺	☺
	TS16-EL16UN	16	1	0,22	16	3,47	9,53	0,96	1,2	0,8	☺	☺	☺	☺	☺
	TS16-EL14UN	14	1	0,22	16	3,47	9,53	1,16	1,2	1,5	☺	☺	☺	☺	☺
	TS16-EL12UN	12	1	0,26	16	3,47	9,53	1,32	1,2	1,5	☺	☺	☺	☺	☺
	TS16-EL11UN	11	1	0,28	16	3,47	9,53	1,47	1,2	1,5	☺	☺	☺	☺	☺
	TS16-EL10UN	10	1	0,31	16	3,47	9,53	1,61	1,2	1,5	☺	☺	☺	☺	☺
	TS16-EL08UN	8	1	0,38	16	3,47	9,53	2,02	1,2	1,5	☺	☺	☺	☺	☺
	TS22-EL07UN	7	1	0,47	22	4,71	12,7	2,23	1,8	2,5	☺	☺	☺	☺	☺
	TS22-EL06UN	6	1	0,52	22	4,71	12,7	2,65	2	2,5	☺	☺	☺	☺	☺
	TS16-ER20UN-F5	20	1	0,16	16	3,47	9,53	0,77	0,8	0,8	☺	☺	☺	☺	☺
	TS16-ER18UN-F5	18	1	0,18	16	3,47	9,53	0,86	0,8	0,8	☺	☺	☺	☺	☺
	TS16-ER16UN-F5	16	1	0,22	16	3,47	9,53	0,96	0,8	0,8	☺	☺	☺	☺	☺
	TS16-ER14UN-F5	14	1	0,22	16	3,47	9,53	1,11	1,2	1,5	☺	☺	☺	☺	☺
	TS16-ER12UN-F5	12	1	0,29	16	3,47	9,53	1,29	1,2	1,5	☺	☺	☺	☺	☺
	TS16-ER08UN-F5	8	1	0,43	16	3,47	9,53	1,94	1,2	1,5	☺	☺	☺	☺	☺

Dimensional drawing shows right-hand version.

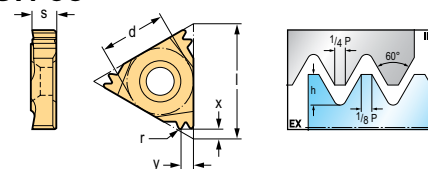
HC = Coated carbide

Ordering example for the grade WMP22G: TS16-ER08UN WMP22G

External thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
TS16-ER16UN-2	16	2	0,21	16	3,47	9,53	0,97	1,4	1,9	WMP32G	WMP32G	WMP32G
TS22-ER16UN-3	16	3	0,21	22	4,71	12,7	0,97	2,5	4	WMP32G	WMP32G	WMP32G
TS22-ER12UN-2	12	2	0,26	22	4,71	12,7	1,31	2	3,1	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

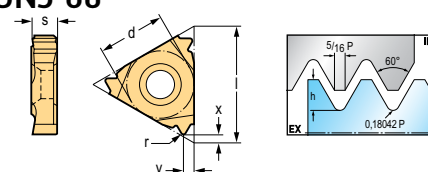
Ordering example for the grade WMP32G: TS16-ER16UN-2 WMP32G

HC = Coated carbide

External thread turning inserts – full profile, American UNJ 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
TS16-ER32UNJ	32	1	0,13	16	3,47	9,53	0,47	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-ER28UNJ	28	1	0,15	16	3,47	9,53	0,54	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-ER24UNJ	24	1	0,18	16	3,47	9,53	0,63	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-ER20UNJ	20	1	0,21	16	3,47	9,53	0,75	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-ER18UNJ	18	1	0,23	16	3,47	9,53	0,81	1,2	0,8	WMP22G	WMP32G	WMP32G
TS16-ER16UNJ	16	1	0,26	16	3,47	9,53	0,91	1,2	0,8	WMP22G	WMP32G	WMP32G
TS16-ER14UNJ	14	1	0,3	16	3,47	9,53	1,07	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-ER12UNJ	12	1	0,34	16	3,47	9,53	1,24	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-ER10UNJ	10	1	0,41	16	3,47	9,53	1,55	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-ER08UNJ	8	1	0,5	16	3,47	9,53	1,88	1,2	1,5	WMP22G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

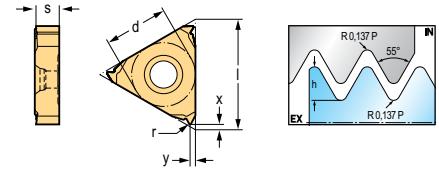
Ordering example for the grade WMP32G: TS16-ER08UNJ WMP32G

HC = Coated carbide

External thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



A3

Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
										HC		HC		HC	
										WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-ER28W	28	1	0,09	16	3,47	9,53	0,66	0,8	0,8					
	TS16-ER20W	20	1	0,14	16	3,47	9,53	0,89	0,8	0,8					
	TS16-ER19W	19	1	0,15	16	3,47	9,53	0,92	0,8	0,8					
	TS16-ER18W	18	1	0,16	16	3,47	9,53	0,97	0,8	0,8					
	TS16-ER16W	16	1	0,2	16	3,47	9,53	1,03	0,8	0,8					
	TS16-ER14W	14	1	0,24	16	3,47	9,53	1,15	1,2	1,5					
	TS16-ER12W	12	1	0,24	16	3,47	9,53	1,41	1,2	1,5					
	TS16-ER11W	11	1	0,3	16	3,47	9,53	1,48	1,2	1,5					
	TS16-ER10W	10	1	0,27	16	3,47	9,53	1,71	1,2	1,5					
	TS16-ER09W	9	1	0,31	16	3,47	9,53	1,9	1,2	1,5					
	TS16-ER08W	8	1	0,42	16	3,47	9,53	2,04	1,2	1,5					
	TS22-ER07W	7	1	0,43	22	4,71	12,7	2,37	1,8	2,5					
	TS16-EL28W	28	1	0,09	16	3,47	9,53	0,66	0,8	0,8					
	TS16-EL20W	20	1	0,14	16	3,47	9,53	0,89	0,8	0,8					
	TS16-EL19W	19	1	0,15	16	3,47	9,53	0,92	0,8	0,8					
	TS16-EL16W	16	1	0,2	16	3,47	9,53	1,03	0,8	0,8					
	TS16-EL14W	14	1	0,24	16	3,47	9,53	1,15	1,2	1,5					
	TS16-EL12W	12	1	0,24	16	3,47	9,53	1,41	1,2	1,5					
	TS16-EL11W	11	1	0,3	16	3,47	9,53	1,48	1,2	1,5					
	TS16-EL08W	8	1	0,42	16	3,47	9,53	2,04	1,2	1,5					
	TS16-ER19W-F5	19	1	0,16	16	3,47	9,53	0,88	0,8	0,8					
	TS16-ER14W-F5	14	1	0,24	16	3,47	9,53	1,15	1,2	1,5					
	TS16-ER11W-F5	11	1	0,3	16	3,47	9,53	1,48	1,2	1,5					

Dimensional drawing shows right-hand version.

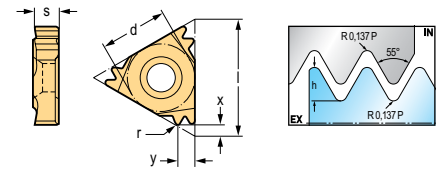
HC = Coated carbide

Ordering example for the grade WMP32G: TS16-ER08W WMP32G

External thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



Indexable inserts										
Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P M S
TS22-ER11W-2	11	2	0,3	22	4,71	12,7	1,48	2,3	3,5	HC HC HC

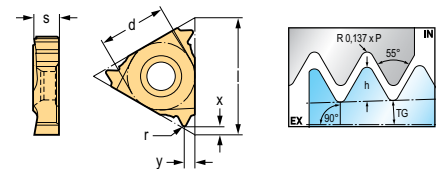
Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS22-ER11W-2 WMP32G

HC = Coated carbide

External thread turning inserts – full profile, BSPT 55°

TS

Tiger-tec® Gold



Indexable inserts										
Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P M S
TS16-ER19BSPT	19	1	0,15	16	3,47	9,53	0,93	0,8	0,8	HC HC HC
TS16-ER14BSPT	14	1	0,24	16	3,47	9,53	1,16	1,2	1,5	HC HC HC
TS16-ER11BSPT	11	1	0,3	16	3,47	9,53	1,5	1,2	1,5	HC HC HC

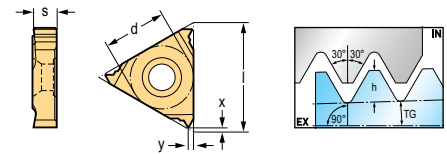
Dimensional drawing shows right-hand version.
Taper ratio TG is equal to 1:16 or 1°47''
Ordering example for the grade WMP32G: TS16-ER11BSPT WMP32G

HC = Coated carbide

External thread turning inserts – full profile, American NPT 60°

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
	TS16-ER27NPT	27	1	16	3,47	9,53	0,71	0,7	0,8	WMP32G	WMP32G	WMP32G
	TS16-ER18NPT	18	1	16	3,47	9,53	1,06	0,7	0,8	WMP32G	WMP32G	WMP32G
	TS16-ER14NPT	14	1	16	3,47	9,53	1,38	1,1	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER11.5NPT	11,5	1	16	3,47	9,53	1,68	1,1	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER08NPT	8	1	16	3,47	9,53	2,45	1,1	1,6	WMP32G	WMP32G	WMP32G
	TS16-ER11.5NPT-F5	11,5	1	16	3,47	9,53	1,64	1,1	1,5	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

Taper ratio TG is equal to 1:16 or 1°47''

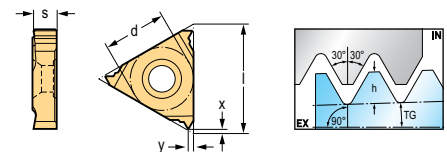
Ordering example for the grade WMP32G: TS16-ER08NPT WMP32G

HC = Coated carbide

External thread turning inserts – full profile, American NPTF 60°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
	TS16-ER18NPTF	18	1	16	3,47	9,53	1,06	0,7	0,8	WMP32G	WMP32G	WMP32G
	TS16-ER11.5NPTF	11,5	1	16	3,47	9,53	1,69	1,1	1,5	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

Taper ratio TG is equal to 1:16 or 1°47''

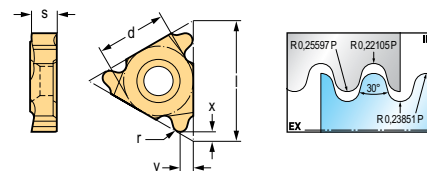
Ordering example for the grade WMP32G: TS16-ER11.5NPTF WMP32G

HC = Coated carbide

External thread turning inserts – full profile, RD 30°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
											HC	HC	HC
	TS16-ER08RD	8	1	0.73	16	3.47	9.53	1.66	1.3	1.5	WMP32G	WMP32G	WMP32G
	TS16-ER06RD	6	1	0.97	16	3.47	9.53	2.2	1.3	1.8	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

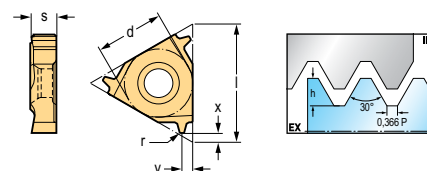
Ordering example for the grade WMP32G: TS16-ER06RD WMP32G

HC = Coated carbide

External thread turning inserts – full profile, TR 30°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
											HC	HC	HC
	TS16-ER2.0TR	2	1	0.15	16	3.47	9.53	1.31	1.3	1.5	WMP32G	WMP32G	WMP32G
	TS16-ER3.0TR	3	1	0.15	16	3.47	9.53	1.81	1.3	1.6	WMP32G	WMP32G	WMP32G
	TS22-ER4.0TR	4	1	0.2	22	4.71	12.7	2.31	2	2.5	WMP32G	WMP32G	WMP32G
	TS22-ER5.0TR	5	1	0.2	22	4.71	12.7	2.81	2	2.3	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

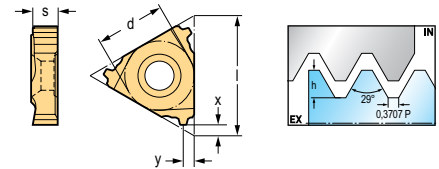
Ordering example for the grade WMP32G: TS16-ER2.0TR WMP32G

HC = Coated carbide

External thread turning inserts – full profile, ACME 29°

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
	TS16-ER16ACME	16	1	16	3,47	9,53	0,94	0,9	0,8	WMP32G	WMP32G	WMP32G
	TS16-ER14ACME	14	1	16	3,47	9,53	1,08	1,3	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER12ACME	12	1	16	3,47	9,53	1,22	1,3	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER10ACME	10	1	16	3,47	9,53	1,57	1,4	1,5	WMP32G	WMP32G	WMP32G
	TS16-ER08ACME	8	1	16	3,47	9,53	1,86	1,3	1,5	WMP32G	WMP32G	WMP32G
	TS22-ER06ACME	6	1	22	4,71	12,7	2,39	2	2,5	WMP32G	WMP32G	WMP32G
	TS22-ER05ACME	5	1	22	4,71	12,7	2,81	2	2,3	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

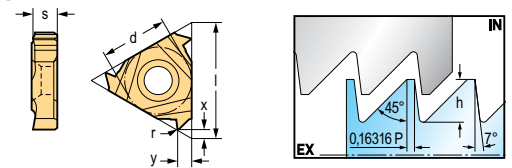
Ordering example for the grade WMP32G: TS16-ER08ACME WMP32G

HC = Coated carbide

External thread turning inserts – full profile, BUT 45°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
											HC	HC	HC
	TS16-ER12BUT	12	1	0,12	16	3,47	9,53	1,3	2	1,3	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

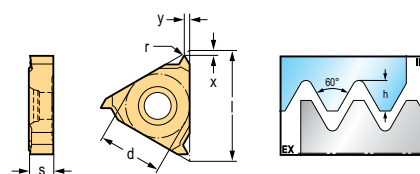
Ordering example for the grade WMP32G: TS16-ER12BUT WMP32G

HC = Coated carbide

Internal thread turning inserts – 60° partial profile

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TP mm	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h mm	X mm	Y mm	P		M		S	
												HC	HC	HC	HC	HC	HC
	TS09-IR-A60	0,5–1,5	48–16	1	0,08	9,6	2,4	5,56	1,31	0,7	0,8	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS11-IR-A60	0,5–1,5	48–16	1	0,08	11	3	6,35	1,31	0,7	0,8	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IR-A60	0,5–1,5	48–16	1	0,08	16	3,5	9,53	2,42	0,7	0,8	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IR-AG60	0,5–3	48–8	1	0,08	16	3,47	9,53	2,33	1,1	1,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IR-G60	1,75–3	14–8	1	0,12	16	3,47	9,53	2,3	1,1	1,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS22-IR-N60	3,5–5	7–5	1	0,25	22	4,71	12,7	3,25	1,8	2,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS11-IL-A60	0,5–1,5	48–16	1	0,08	11	3	6,35	1,31	0,7	0,8	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IL-A60	0,5–1,5	48–16	1	0,08	16	3,47	9,53	1,26	0,7	0,8	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IL-AG60	0,5–3	48–8	1	0,08	16	3,47	9,53	2,33	1,1	1,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IL-G60	1,75–3	14–8	1	0,12	16	3,47	9,53	2,3	1,1	1,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS22-IL-N60	3,5–5	7–5	1	0,25	22	4,71	12,7	3,34	1,8	2,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS11-IR-A60-F5	0,5–1,5	48–16	1	0,08	11	3	6,35	1,31	0,7	0,8	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IR-AG60-F5	0,5–3	48–8	1	0,08	16	3,5	9,53	2,39	1,1	1,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS16-IR-G60-F5	1,75–3	14–8	1	0,12	16	3,5	9,53	2,44	1,2	1,5	WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G

Dimensional drawing shows right-hand version.

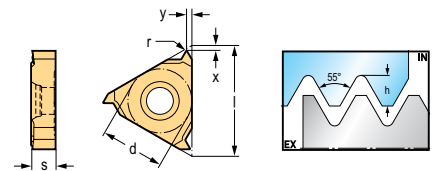
Ordering example for the grade WMP32G: TS09-IR-A60 WMP32G

HC = Coated carbide

Internal thread turning inserts – 55° partial profile

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TP mm	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h mm	X mm	Y mm	P	M	S
												HC	HC	HC
	TS09-IR-A55	0,5–1,5	48–16	1	0,08	9,6	2,4	5,56	1,39	0,7	0,8			
	TS11-IR-A55	0,5–1,5	48–16	1	0,08	11	3	6,35	1,4	0,6	0,8			
	TS16-IR-A55	0,5–1,5	48–16	1	0,08	16	3,5	9,53	1,35	0,6	0,8			
	TS16-IR-AG55	0,5–3	48–8	1	0,08	16	3,5	9,53	2,41	1,1	1,5			
	TS16-IR-G55	1,75–3	14–8	1	0,2	16	3,5	9,53	2,28	1,1	1,5			
	TS16-IL-A55	0,5–1,5	48–16	1	0,08	16	3,47	9,53	1,35	0,6	0,8			
	TS16-IL-AG55	0,5–3	48–8	1	0,08	16	3,47	9,53	2,41	1,1	1,5			
	TS16-IL-G55	1,75–3	14–8	1	0,2	16	3,47	9,53	2,28	1,1	1,5			
	TS16-IR-AG55-F5	0,5–3	48–8	1	0,08	16	3,5	9,53	2,41	1,1	1,5			
	TS16-IR-G55-F5	1,75–3	14–8	1	0,2	16	3,5	9,53	2,25	1,1	1,5			

Dimensional drawing shows right-hand version.

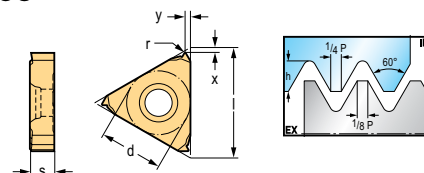
HC = Coated carbide

Ordering example for the grade WMP32G: TS09-IR-A55 WMP32G

Internal thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



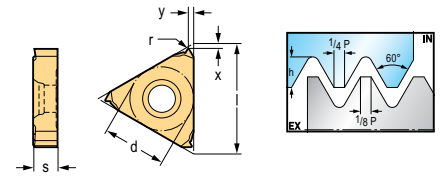
Indexable inserts

Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
										HC		HC		HC	
										WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
 TS09-IR0.5ISO	0.5	1	0.04	9.6	2.4	5.56	0.27	0.7	0.6						
TS09-IR0.8ISO	0.8	1	0.07	9.6	2.4	5.56	0.43	0.7	0.6						
TS09-IR1.0ISO	1	1	0.07	9.6	2.4	5.56	0.56	0.7	0.8						
TS09-IR1.25ISO	1.25	1	0.11	9.6	2.4	5.56	0.68	0.7	0.8						
TS09-IR1.5ISO	1.5	1	0.12	9.6	2.4	5.56	0.83	0.7	0.8						
TS09-IR1.75ISO	1.75	1	0.12	9.6	2.4	5.56	1	0.7	0.8						
TS09-IR2.0ISO	2	1	0.17	9.6	2.4	5.56	1.1	0.7	0.9						
TS11-IR0.5ISO	0.5	1	0.03	11	3	6.35	0.28	0.8	0.8						
TS11-IR0.75ISO	0.75	1	0.04	11	3	6.35	0.44	0.8	0.8						
TS11-IR1.0ISO	1	1	0.08	11		6.35	0.56	0.8	0.8						
TS11-IR1.25ISO	1.25	1	0.09	11	3	6.35	0.71	0.8	0.8						
TS11-IR1.5ISO	1.5	1	0.12	11	3	6.35	0.83	0.8	0.8						
TS11-IR1.75ISO	1.75	1	0.12	11	3	6.35	1	0.8	0.8						
TS11-IR2.0ISO	2	1	0.17	11	3	6.35	1.11	0.8	0.9						
TS11-IR2.5ISO	2.5	1	0.18	11	3	6.35	1.45	0.8	1.1						
TS16-IR0.5ISO	0.5	1	0.03	16	3.5	9.53	0.28	0.8	0.8						
TS16-IR0.75ISO	0.75	1	0.04	16	3.5	9.53	0.44	0.8	0.8						
TS16-IR1.0ISO	1	1	0.08	16	3.47	9.53	0.56	0.8	0.8						
TS16-IR1.25ISO	1.25	1	0.09	16	3.47	9.53	0.71	0.8	0.8						
TS16-IR1.5ISO	1.5	1	0.12	16	3.47	9.53	0.83	0.8	0.8						
TS16-IR1.75ISO	1.75	1	0.12	16	3.5	9.53	1	1.2	1.5						
TS16-IR2.0ISO	2	1	0.17	16	3.47	9.53	1.11	1.2	1.5						
TS16-IR2.5ISO	2.5	1	0.18	16	3.47	9.53	1.41	1.2	1.5						
TS16-IR3.0ISO	3	1	0.21	16	3.47	9.53	1.67	1.2	1.5						
TS22-IR3.5ISO	3.5	1	0.25	22	4.71	12.7	1.95	1.9	2.3						
TS22-IR4.0ISO	4	1	0.28	22	4.71	12.7	2.25	2	2.5						
TS22-IR4.5ISO	4.5	1	0.32	22	4.71	12.7	2.54	2.1	2.5						
TS22-IR5.0ISO	5	1	0.35	22	4.71	12.7	2.83	1.8	2.5						
 TS11-IL0.5ISO	0.5	1	0.03	11	3	6.35	0.28	0.8	0.8						
TS11-IL0.75ISO	0.75	1	0.04	11	3	6.35	0.44	0.8	0.8						
TS11-IL1.0ISO	1	1	0.07	11	3	6.35	0.56	0.8	0.8						
TS11-IL1.2ISO	1.25	1	0.09	11	3	6.35	0.71	0.8	0.8						
TS11-IL1.5ISO	1.5	1	0.12	11	3	6.35	0.83	0.8	0.8						
TS11-IL2.0ISO	2	1	0.17	11	3	6.35	1.11	0.8	0.9						
TS11-IL2.5ISO	2.5	1	0.18	11	3	6.35	1.45	0.8	1.1						
TS16-IL0.5ISO	0.5	1	0.03	16	3.47	9.53	0.28	0.8	0.8						
TS16-IL0.75ISO	0.75	1	0.04	16	3.47	9.53	0.44	0.8	0.8						
TS16-IL1.0ISO	1	1	0.07	16	3.47	9.53	0.56	0.8	0.8						
TS16-IL1.25ISO	1.25	1	0.09	16	3.47	9.53	0.71	0.8	0.8						
TS16-IL1.5ISO	1.5	1	0.12	16	3.47	9.53	0.83	0.8	0.8						
TS16-IL1.75ISO	1.75	1	0.12	16	3.47	9.53	1	1.2	1.5						
TS16-IL2.0ISO	2	1	0.17	16	3.47	9.53	1.11	1.2	1.5						
TS16-IL2.5ISO	2.5	1	0.18	16	3.47	9.53	1.41	1.2	1.5						

Internal thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
											HC		HC		HC	
											WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS11-IR1.0ISO-F5	1	1	0,08	11	3	6,35	0,56	0,8	0,8						
	TS11-IR1.5ISO-F5	1,5	1	0,12	11	3	6,35	0,83	0,8	0,8						
	TS11-IR2.0ISO-F5	2	1	0,17	11	3	6,35	1,11	0,8	0,9						
	TS16-IR1.0ISO-F5	1	1	0,09	16	3,5	9,53	0,54	0,8	0,8						
	TS16-IR1.5ISO-F5	1,5	1	0,12	16	3,5	9,53	0,84	0,8	0,8						
	TS16-IR2.0ISO-F5	2	1	0,16	16	3,5	9,53	1,1	1,2	1,5						
	TS16-IR2.5ISO-F5	2,5	1	0,18	16	3,5	9,53	1,4	1,2	1,5						
	TS16-IR3.0ISO-F5	3	1	0,21	16	3,5	9,53	1,68	1,2	1,5						
	TS11-IR1.0ISO-M5	1	1	0,08	11	3	6,35	0,56	0,8	0,8						
	TS11-IR1.5ISO-M5	1,5	1	0,12	11	3	6,35	0,83	0,8	0,8						
	TS11-IR2.0ISO-M5	2	1	0,17	11	3	6,35	1,11	0,8	0,9						
	TS16-IR1.0ISO-M5	1	1	0,09	16	3,5	9,53	0,54	0,8	0,8						
	TS16-IR1.5ISO-M5	1,5	1	0,12	16	3,5	9,53	0,84	0,8	0,8						
	TS16-IR2.0ISO-M5	2	1	0,16	16	3,5	9,53	1,1	1,2	1,5						
	TS16-IR2.5ISO-M5	2,5	1	0,18	16	3,5	9,53	1,4	1,2	1,5						
	TS16-IR3.0ISO-M5	3	1	0,21	16	3,5	9,53	1,68	1,2	1,5						

Dimensional drawing shows right-hand version.

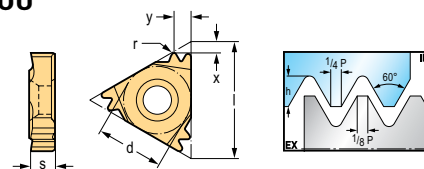
Ordering example for the grade WMP32G: TS09-IR0.5ISO WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, ISO metric 60°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
											HC	HC	HC
											WMP32G	WMP32G	WMP32G
	TS16-IR1.5ISO-2	1,5	2	0,12	16	3,5	9,53	0,83	1,4	2,1			
	TS16-IR2.0ISO-2	2	2	0,18	16	3,5	9,53	1,08	1,6	2,4			
	TS16-IR1.0ISO-3	1	3	0,08	16	3,5	9,53	0,56	1,5	2,4			
	TS22-IR2.0ISO-2	2	2	0,17	22	4,71	12,7	1,11	2	2,9			
	TS22-IR1.5ISO-3	1,5	3	0,12	22	4,71	12,7	0,83	2,3	3,6			
	TS22-IR2.0ISO-3	2	3	0,17	22	4,71	12,7	1,11	3	4,8			

Dimensional drawing shows right-hand version.

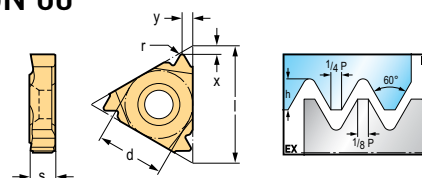
Ordering example for the grade WMP32G: TS16-IR1.0ISO-3 WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



A3

Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
										HC		HC		HC	
										WMP22G	WMP32G	WMP22G	WMP32G	WMP22G	WMP32G
	TS09-IR20UN	20	1	0,09	9,6	2,4	5,56	0,71	0,7	0,8	☹	☹	☹	☹	☹
	TS09-IR18UN	18	1	0,1	9,6	2,4	5,56	0,79	0,7	0,8	☹	☹	☹	☹	☹
	TS09-IR13UN	13	1	0,15	9,6	2,4	5,56	1,09	0,7	0,9	☹	☹	☹	☹	☹
	TS11-IR32UN	32	1	0,04	11	3	6,35	0,46	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IR28UN	28	1	0,05	11	3	6,35	0,53	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IR24UN	24	1	0,07	11	3	6,35	0,61	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IR20UN	20	1	0,09	11	3	6,35	0,72	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IR18UN	18	1	0,1	11	3	6,35	0,8	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IR16UN	16	1	0,13	11	3	6,35	0,88	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IR14UN	14	1	0,14	11	3	6,35	1	0,8	0,9	☹	☹	☹	☹	☹
	TS16-IR40UN	40	1	0,04	16	3,5	9,53	0,36	1,2	0,5	☹	☹	☹	☹	☹
	TS16-IR32UN	32	1	0,04	16	3,5	9,53	0,46	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR28UN	28	1	0,05	16	3,5	9,53	0,53	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR24UN	24	1	0,07	16	3,47	9,53	0,61	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR20UN	20	1	0,09	16	3,47	9,53	0,72	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR18UN	18	1	0,1	16	3,47	9,53	0,8	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR16UN	16	1	0,13	16	3,47	9,53	0,87	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR14UN	14	1	0,14	16	3,5	9,53	1	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IR13UN	13	1	0,15	16	3,5	9,53	1,07	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IR12UN	12	1	0,15	16	3,47	9,53	1,42	1,2	1,5	☹	☹	☹	☹	☹
	TS11-IL24UN	24	1	0,07	11	3	6,35	0,61	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IL20UN	20	1	0,09	11	3	6,35	0,72	0,8	0,8	☹	☹	☹	☹	☹
	TS11-IL18UN	18	1	0,1	11	3	6,35	0,8	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IL28UN	28	1	0,05	16	3,47	9,53	0,53	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IL24UN	24	1	0,07	16	3,47	9,53	0,61	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IL20UN	20	1	0,09	16	3,47	9,53	0,72	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IL18UN	18	1	0,1	16	3,47	9,53	0,8	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IL16UN	16	1	0,13	16	3,47	9,53	0,88	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IL14UN	14	1	0,14	16	3,47	9,53	1	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IL12UN	12	1	0,15	16	3,47	9,53	1,18	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IL10UN	10	1	0,18	16	3,47	9,53	1,42	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IL08UN	8	1	0,25	16	3,47	9,53	1,76	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IR20UN-F5	20	1	0,09	16	3,5	9,53	0,71	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR18UN-F5	18	1	0,1	16	3,5	9,53	0,79	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR16UN-F5	16	1	0,12	16	3,5	9,53	0,89	0,8	0,8	☹	☹	☹	☹	☹
	TS16-IR14UN-F5	14	1	0,14	16	3,5	9,53	1	1,2	1,3	☹	☹	☹	☹	☹
	TS16-IR12UN-F5	12	1	0,15	16	3,5	9,53	1,18	1,2	1,5	☹	☹	☹	☹	☹
	TS16-IR08UN-F5	8	1	0,25	16	3,5	9,53	1,76	1,2	1,5	☹	☹	☹	☹	☹

Dimensional drawing shows right-hand version.

Ordering example for the grade WMP32G: TS09-IR13UN WMP32G

HC = Coated carbide

WALTER SELECT

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

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

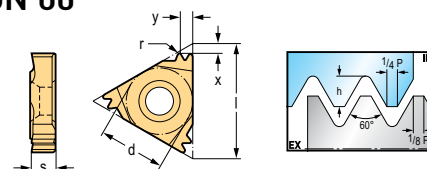
Indexable inserts

629

Internal thread turning inserts – full profile, American UN 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
TS16-IR16UN-2	16	2	0,13	16	3,5	9,53	0,88	1,5	2,3	WMP32G	WMP32G	WMP32G
TS22-IR16UN-3	16	3	0,13	22	4,71	12,7	0,88	2,4	3,8	WMP32G	WMP32G	WMP32G
TS22-IR12UN-2	12	2	0,15	22	4,71	12,7	1,18	2	3	WMP32G	WMP32G	WMP32G
TS22-IR12UN-3	12	3	0,15	22	4,71	12,7	1,18	3	5	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

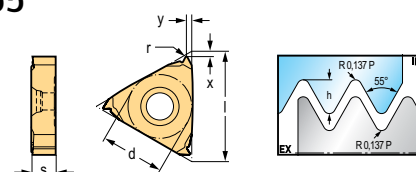
Ordering example for the grade WMP32G: TS16-IR16UN-2 WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
TS09-IR19W	19	1	0,15	9,6	2,4	5,56	0,87	0,7	0,8	WMP22G	WMP32G	WMP32G
TS09-IR14W	14	1	0,24	9,6	2,4	5,56	1,14	0,7	0,9	WMP22G	WMP32G	WMP32G
TS11-IR19W	19	1	0,15	11	3	6,35	0,87	0,8	0,8	WMP22G	WMP32G	WMP32G
TS11-IR14W	14	1	0,24	11	3	6,35	1,15	0,7	0,9	WMP22G	WMP32G	WMP32G
TS16-IR28W	28	1	0,09	16	3,5	9,53	0,65	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-IR20W	20	1	0,14	16	3,5	9,53	0,88	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-IR19W	19	1	0,15	16	3,5	9,53	0,87	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-IR16W	16	1	0,2	16	3,5	9,53	1,02	0,8	0,8	WMP22G	WMP32G	WMP32G
TS16-IR14W	14	1	0,24	16	3,47	9,53	1,15	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-IR12W	12	1	0,24	16	3,5	9,53	1,42	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-IR11W	11	1	0,3	16	3,47	9,53	1,41	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-IR10W	10	1	0,27	16	3,5	9,53	1,7	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-IR09W	9	1	0,31	16	3,5	9,53	1,91	1,2	1,5	WMP22G	WMP32G	WMP32G
TS16-IR08W	8	1	0,42	16	3,5	9,53	2,01	1,2	1,5	WMP22G	WMP32G	WMP32G
TS22-IR07W	7	1	0,43	22	4,71	12,7	2,38	1,8	2,5	WMP22G	WMP32G	WMP32G
TS22-IR06W	6	1	0,5	22	4,71	12,7	2,81	1,8	2,5	WMP22G	WMP32G	WMP32G
TS22-IR05W	5	1	0,63	22	4,71	12,7	3,32	1,7	2,5	WMP22G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

Ordering example for the grade WMP32G: TS09-IR14W WMP32G

HC = Coated carbide

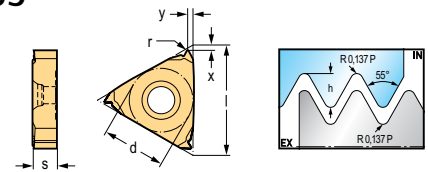
WALTER SELECT

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

Internal thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P		M		S	
											HC	WMP22G	HC	WMP22G	HC	WMP22G
	TS11-IL19W	19	1	0,15	11	3	6,35	0,87	0,8	0,8						
	TS11-IL14W	14	1	0,24	11	3	6,35	1,15	1,2	0,9						
	TS16-IL28W	28	1	0,09	16	3,47	9,53	0,65	0,8	0,8						
	TS16-IL19W	19	1	0,15	16	3,47	9,53	0,87	0,8	0,8						
	TS16-IL14W	14	1	0,24	16	3,47	9,53	1,15	1,2	1,5						
	TS16-IL11W	11	1	0,3	16	3,47	9,53	1,44	1,2	1,5						
	TS16-IL08W	8	1	0,42	16	3,47	9,53	2,09	1,2	1,5						
	TS11-IR19W-F5	19	1	0,15	11	3	6,35	0,87	0,8	0,8						
	TS11-IR14W-F5	14	1	0,24	11	3	6,35	1,15	0,7	0,9						
	TS16-IR14W-F5	14	1	0,23	16	3,5	9,53	1,13	1,2	1,1						
	TS16-IR11W-F5	11	1	0,3	16	3,5	9,53	1,44	1,2	1,5						

Dimensional drawing shows right-hand version.

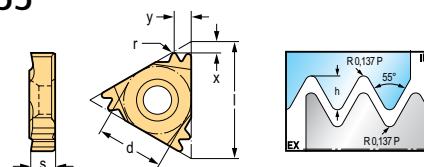
Ordering example for the grade WMP32G: TS09-IR14W WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, Whitworth 55°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
 TS16-IR11W-2 TS22-IR11W-2	11	2	0,31	16	3,5	9,53	1,43	1,8	2,8	WMP32G	WMP32G	WMP32G
	11	2	0,3	22	4,71	12,7	1,44	2,3	3,5	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

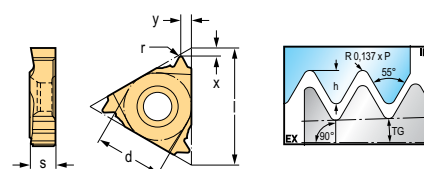
Ordering example for the grade WMP32G: TS16-IR11W-2 WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, BSPT 55°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
 TS09-IR19BSPT TS16-IR14BSPT TS16-IR11BSPT	19	1	0,15	9,6	2,4	5,56	0,91	0,8	0,8	WMP32G	WMP32G	WMP32G
	14	1	0,24	16	3,5	9,53	1,15	1,2	1,5	WMP32G	WMP32G	WMP32G
	11	1	0,3	16	3,5	9,53	1,48	1,2	1,5	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

Taper ratio TG is equal to 1:16 or 1°47'

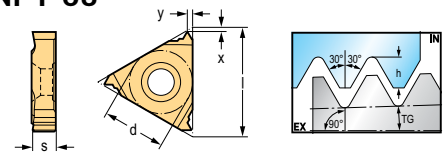
Ordering example for the grade WMP32G: TS09-IR19BSPT WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, American NPT 60°

TS

Tiger-tec® Gold



A3

Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
	TS09-IR18NPT	18	1	9,6	2,4	5,56	1,04	0,7	0,8			
	TS11-IR18NPT	18	1	11	3	6,35	1,04	0,7	0,8			
	TS11-IR14NPT	14	1	11	3	6,35	1,36	0,7	1			
	TS16-IR14NPT	14	1	16	3,5	9,53	1,35	1,1	1,5			
	TS16-IR11.5NPT	11,5	1	16	3,5	9,53	1,64	1,1	1,5			
	TS16-IR08NPT	8	1	16	3,5	9,53	2,41	1,1	1,6			
	TS16-IR11.5NPT-F5	11,5	1	16	3,5	9,53	1,66	1,1	1,5			

Dimensional drawing shows right-hand version.

Taper ratio TG is equal to 1:16 or 1°47''

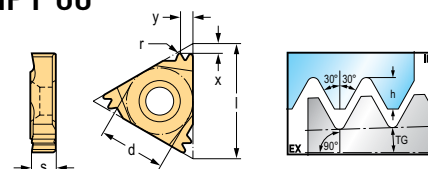
Ordering example for the grade WMP32G: TS09-IR18NPT WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, American NPT 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
									HC	HC	HC
	TS22-IR11.5NPT-2	11.5	2	22	4.71	12.7	1.66	2.1	3.3	WMP32G	WMP32G
										HC	HC

Dimensional drawing shows right-hand version.

Taper ratio TG is equal to 1:16 or 1°47'

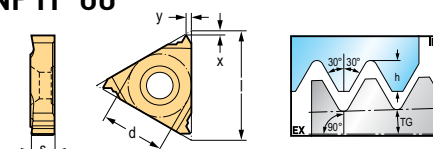
Ordering example for the grade WMP32G: TS22-IR11.5NPT-2 WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, American NPTF 60°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
									HC	HC	HC
	TS16-IR14NPTF	14	1	16	3.5	9.53	1.33	1.1	1.5	WMP32G	WMP32G
										HC	HC
	TS16-IR11.5NPTF	11.5	1	16	3.5	9.53	1.61	1.1	1.5	WMP32G	WMP32G
										HC	HC

Dimensional drawing shows right-hand version.

Taper ratio TG is equal to 1:16 or 1°47'

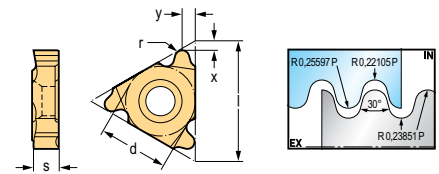
Ordering example for the grade WMP32G: TS16-IR11.5NPTF WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, RD 30°

TS

Tiger-tec® Gold



A3

Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
 TS16-IR08RD TS16-IR06RD	8	1	0.69	16	3.5	9.53	1.56	1.3	1.5	WMP32G	WMP32G	WMP32G
	6	1	0.87	16	3.5	9.53	2.26	1.3	1.8	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

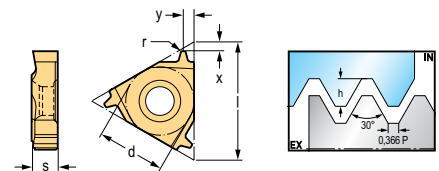
Ordering example for the grade WMP32G: TS16-IR06RD WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, TR 30°

TS

Tiger-tec® Gold



Indexable inserts

Designation	TP mm	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
 TS16-IR2.0TR TS16-IR3.0TR TS22-IR4.0TR TS22-IR5.0TR	2	1	0.15	16	3.5	9.53	1.27	1.3	1.5	WMP32G	WMP32G	WMP32G
	3	1	0.15	16	3.5	9.53	1.83	1.3	1.6	WMP32G	WMP32G	WMP32G
	4	1	0.2	22	4.71	12.7	2.26	2	2.5	WMP32G	WMP32G	WMP32G
	5	1	0.2	22	4.71	12.7	2.86	2	2.3	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

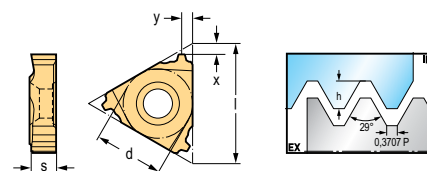
Ordering example for the grade WMP32G: TS16-IR2.0TR WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, ACME 29°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
										HC	HC	HC
	TS16-IR16ACME	16	1	16	3,5	9,53	0,94	0,9	0,8	WMP32G	WMP32G	WMP32G
	TS16-IR12ACME	12	1	16	3,5	9,53	1,19	1,3	1,5	WMP32G	WMP32G	WMP32G
	TS16-IR10ACME	10	1	16	3,5	9,53	1,59	1,3	1,5	WMP32G	WMP32G	WMP32G
	TS16-IR08ACME	8	1	16	3,5	9,53	1,88	1,3	1,5	WMP32G	WMP32G	WMP32G
	TS22-IR06ACME	6	1	22	4,71	12,7	2,38	2	2,5	WMP32G	WMP32G	WMP32G
	TS22-IR05ACME	5	1	22	4,71	12,7	2,8	2	2,3	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

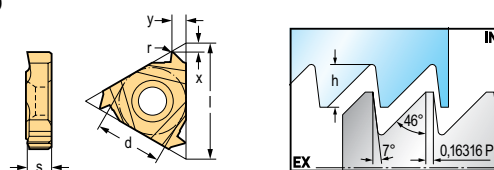
Ordering example for the grade WMP32G: TS16-IR08ACME WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, BUT 45°

TS

Tiger-tec® Gold



Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	s mm	d mm	h _{min} mm	X mm	Y mm	P	M	S
											HC	HC	HC
	TS16-IR12BUT	12	1	0.12	16	3,5	9,53	1,3	2	1,3	WMP32G	WMP32G	WMP32G

Dimensional drawing shows right-hand version.

Ordering example for the grade WMP32G: TS16-IR12BUT WMP32G

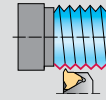
HC = Coated carbide

Thread turning tools - external machining

Type



Machining



A3



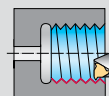
Designation	T1011	T1011...-S	T1011-C...	T1051-C...
Version	Square shank	Square shank	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	Internal	Internal
Shank size h [mm]	12–40	16–25		
Shank size h [Inch]	0,500–1,250	0,500–0,750		
Walter Capto™ size			C3–C6	C6
Insert size l [mm]	16–22	16–22	16–22	16–22
Page in catalogue	640	640	648	650
QR code				
www.walter-tools.com/woc/	T1011	T1011-S	T1011-C	T1051-C

Threading tools - internal machining

Type



Machining



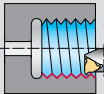
Designation	T1222	T1221	T1223	T1221-C...
Version	Parallel shank with clamping surface	Parallel shank with clamping surface	Parallel shank with clamping surface	Walter Capto™ in acc. with ISO 26623
Clamping system	Screw	Claw	Lever-type	Claw
Coolant supply	External	Internal	Internal	Internal
Boring bar Ø d ₁ [mm]	10–20	20–40	20–40	
Boring bar Ø d ₁ [inch]	0,358–0,725	0,725–1,455	0,725–1,455	
Walter Capto™ size				C4–C6
QuadFit size				
Insert size l [mm]				
Page in catalogue	652	653	655	662
QR code				
www.walter-tools.com/woc/	T1222	T1221	T1223	T1221-C

Threading tools - internal machining

Type

 TS-I..

Machining



A3



Designation	T1820-Q...-P
Version	QuadFit
Clamping system	Lever-type
Coolant supply	Precision cooling
Boring bar Ø d ₁ [mm]	
Boring bar Ø d ₁ [inch]	
Walter Capto™ size	
QuadFit size	Q25-Q50
Insert size l [mm]	16-22
Page in catalogue	664

QR code



www.walter-tools.com/woc/	T1820-Q-P
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Shank tool – External thread

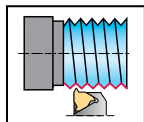
T1011

mm



A3

– Rigid clamping



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	TS22-E
	T1011-4040R-TS16	16	40	40	40	200	37	
	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	
 Square shank	T1011-4040R-TS22	22	40	40	40	200	42	
	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 catalogue 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

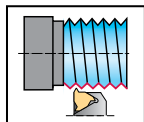
	Type	TS16-E	TS22-E
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-0
	Shim	GX16-2	NX22-0.5
	Shim	GX16-3	NX22-1.5
	Shim	GX16-4	NX22-2
	Shim	GX16-98	NX22-3
	Shim	GX16-99	NX22-4
	Shim		NX22-97.5
	Shim		NX22-98.5
	Shim		NX22-99.5

A3

Shank tool – External thread

T1011...-S mm


- Rigid clamping
- Tool with reduced f-dimension



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	Type
 Square shank	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
 Square shank	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 catalogue 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	NX22-0
	Shim	GX16-2	NX22-0.5
	Shim	GX16-3	NX22-1.5
	Shim	GX16-4	NX22-2
	Shim	GX16-98	NX22-3
	Shim	GX16-99	NX22-4
	Shim		NX22-97.5
	Shim		NX22-98.5
	Shim		NX22-99.5

A3

Shank tool – External thread

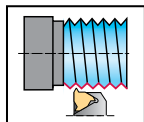
T1011

inch



A3

– Rigid clamping



Tool	Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	Type
 Square shank	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	
 Square shank	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	

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue 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)

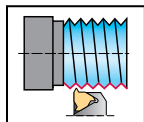
Accessories			
	Type	TS16-E	TS22-E
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-0
	Shim	GX16-2	NX22-0.5
	Shim	GX16-3	NX22-1.5
	Shim	GX16-4	NX22-2
	Shim	GX16-98	NX22-3
	Shim	GX16-99	NX22-4
	Shim		NX22-97.5
	Shim		NX22-98.5
	Shim		NX22-99.5

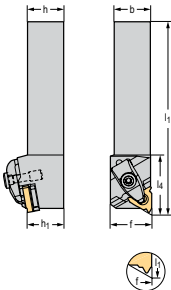
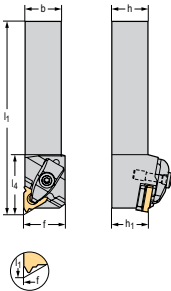
Shank tool – External thread

T1011...-S inch



- Rigid clamping
- Tool with reduced f-dimension



Tool			h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	Type
	T1011.08R-TS16-S	16	0,500	0,500	0,500	5,000	0,84	TS16-E
	T1011.10R-TS16-S	16	0,625	0,625	0,625	5,000	0,84	
	T1011.12R-TS16-S	16	0,750	0,750	0,750	5,000	0,900	
	Square shank							
	T1011.12L-TS16-S	16	0,750	0,750	0,750	5,000	0,900	TS16-E
	Square shank							

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue 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

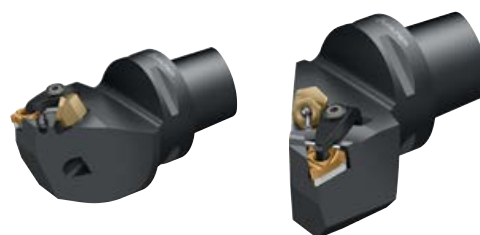
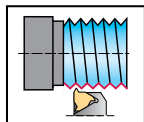
	Type	TS16-E
	Shim	MX16-1
	Shim	GX16-0
	Shim	GX16-2
	Shim	GX16-3
	Shim	GX16-4
	Shim	GX16-98
	Shim	GX16-99

A3

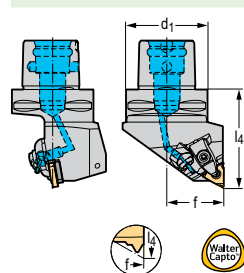
Turning tools – External thread

T1011-C...

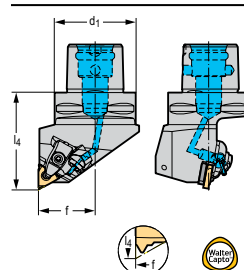
- Rigid clamping
- Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	Type
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	
T1011-C6R-45065-TS16	16	C6	18	65	
T1011-C4R-27050-TS22	22	C4	27	50	TS22-E
T1011-C5R-35060-TS22	22	C5	35	60	
T1011-C6R-45065-TS22	22	C6	45	65	
T1011-C4L-27050-TS16	16	C4	27	50	TS16-E
T1011-C5L-35060-TS16	16	C5	27	60	
T1011-C6L-45065-TS16	16	C6	35	65	
T1011-C4L-27050-TS22	22	C4	27	50	TS22-E
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 catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

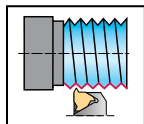
	Type d ₁	TS16-E C3–C6	TS22-E C4–C6
	Clamp	PK273	PK274
	Clamping screw Tightening torque	FS2687 (T15IP) 2,5 Nm	FS2688 (T20IP) 3,9 Nm
	Shim	GX16-1	NX22-1
	Screw for shim	FS2590 (T9IP)	FS2686 (T15IP)
	Tension spring	FS1470	SP1000-76-16
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)
	Cooling nozzle	CN3000-16	CN3000-16

Accessories			
	Type	TS16-E	TS22-E
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-0
	Shim	GX16-2	NX22-0.5
	Shim	GX16-3	NX22-1.5
	Shim	GX16-4	NX22-2
	Shim	GX16-98	NX22-3
	Shim	GX16-99	NX22-4
	Shim		NX22-97.5
	Shim		NX22-98
	Shim		NX22-98.5
	Shim		NX22-99
	Shim		NX22-99.5

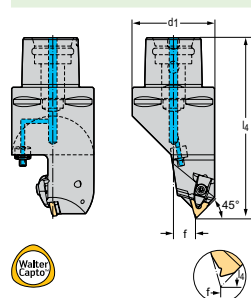
45° Turning tools – External thread

T1051-C...


- Rigid clamping
- Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation


d₁

f
mm

l₄
mm

Type

T1051-C6R-18100-TS16

16

C6

16

100

TS16-E

T1051-C6R-16100-TS22

22

C6

45

100

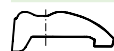
TS22-E

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
d₁

TS16-E
C6

TS22-E
C6


Clamp

PK273

PK274


Clamping screw
Tightening torque

FS2687 (T15IP)
2,5 Nm

FS2688 (T20IP)
3,9 Nm


Shim

GX16-1

NX22-1



Screw for shim

FS2590 (T9IP)

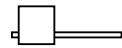
FS2686 (T15IP)



Tension spring

FS1470

SP1000-76-16



Torx key

FS1465 (T15IP)



Allen key

FS1464 (T20IP)



Cooling nozzle

FS1479

FS1479

Accessories

	Type	TS16-E	TS22-E
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-0
	Shim	GX16-2	NX22-0.5
	Shim	GX16-3	NX22-1.5
	Shim	GX16-4	NX22-2
	Shim	GX16-98	NX22-3
	Shim	GX16-99	NX22-4
	Shim		NX22-97.5
	Shim		NX22-98
	Shim		NX22-98.5
	Shim		NX22-99
	Shim		NX22-99.5

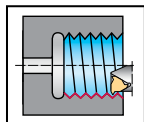
A3

Boring bar – Internal thread

T1222 mm


A3

– Screw clamping



Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	l ₄ mm	β	Type
 Parallel shank with clamping surface	T1222-A16LR-10-TS09	09	10,2	16	5,1	15	140	20	1,5°	TS09-I
	T1222-A20LR-10-TS09	09	10,2	20	5,1	18	140	20	1,5°	
	T1222-A10HR-13-TS11	11	13	10	7,5	9	100	25	1,5°	TS11-I
	T1222-A16KR-12-TS11	11	12	12	6,5	14	125	30	1,5°	
	T1222-A16LR-15-TS11	11	15	16	8	14	140	32	1,5°	
	T1222-A20QR-12-TS11	11	12	20	7	18	180	25	3°	
	T1222-A20QR-13-TS11	11	13	20	7,5	18	180	25	2°	
	T1222-A20QR-16-TS11	11	16	20	9	18	180	32	2°	
	T1222-A16MR-19-TS16	16	19	16	10,3	14	150	40	1,5°	TS16-I
	T1222-A20QR-16-TS16	16	16	20	10,2	18	180	34	3°	
 Parallel shank with clamping surface	T1222-A20QR-17-TS16	16	17	20	10,3	18	180	34	2°	
	T1222-A20QR-20-TS16	16	20	20	11,5	18	180	45	2°	
	T1222-A20QR-24-TS22	22	24	20	13	18	180	45	1,5°	TS22-I
	T1222-A10HL-13-TS11	11	13	10	7,5	9	100	25	1,5°	TS11-I
	T1222-A16KL-12-TS11	11	12	12	6,5	14	125	30	1,5°	
	T1222-A16LL-15-TS11	11	15	16	8	14	140	32	1,5°	
	T1222-A20QL-12-TS11	11	12	20	7	18	180	25	3°	
	T1222-A20QL-13-TS11	11	13	20	7,5	18	180	25	2°	
	T1222-A16ML-19-TS16	16	19	16	10,3	14	150	40	1,5°	TS16-I
	T1222-A20QL-16-TS11	16	16	20	9	18	180	32	2°	
	T1222-A20QL-16-TS16	16	16	20	10,2	18	180	34	3°	
	T1222-A20QL-17-TS16	16	17	20	10,3	18	180	34	2°	
	T1222-A20QL-20-TS16	16	20	20	11,5	18	180	45	2°	
	T1222-A20QL-24-TS22	22	24	20	13	18	180	45	1,5°	TS22-I

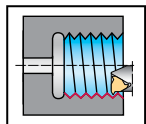
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		TS09-I	TS11-I	TS16-I	TS22-I
	Screw for indexable insert Tightening torque	FS2684 (T07IP) 0,9 Nm	FS2685 (T07IP) 0,9 Nm	FS2683 (T15IP) 2,5 Nm	FS2682 (T15IP) 2,5 Nm
	Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

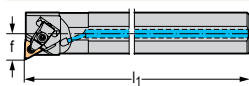
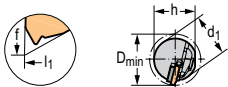
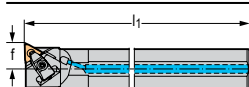
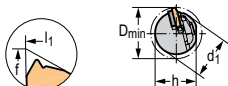
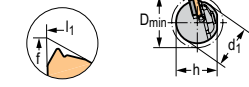
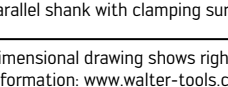
Boring bar – Internal thread

T1221 mm

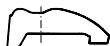
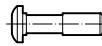
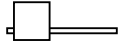

– Rigid clamping

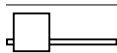


A3

Tool	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	Type
  Parallel shank with clamping surface	T1221-A20QR-24-TS16	16	24	20	13,8	18	170	TS16-I
	T1221-A25RR-29-TS16	16	29	25	16,3	23	200	
	T1221-A32SR-36-TS16	16	36	32	19,8	30	250	
	T1221-A40TR-44-TS16	16	44	40	23,8	37	300	
	T1221-A25RR-30-TS22	22	30	25	17,8	23	200	TS22-I
	T1221-A32SR-38-TS22	22	38	32	21,3	30	250	
  Parallel shank with clamping surface	T1221-A40TR-46-TS22	22	46	40	25,3	37	300	TS16-I
	T1221-A20QL-24-TS16	16	24	20	11,78	18	171	
	T1221-A25RL-29-TS16	16	29	25	11,78	23	171	
	T1221-A32SL-36-TS16	16	36	32	19,8	30	250	
	T1221-A40TL-44-TS16	16	44	40	23,8	37	300	TS22-I
	T1221-A25RL-30-TS22	22	30	25	17,8	23	200	
  Parallel shank with clamping surface	T1221-A32SL-38-TS22	22	38	32	21,3	30	250	TS22-I
	T1221-A40TL-46-TS22	22	46	40	25,3	37	300	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue 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]	TS16-I 24–29	TS16-I 36–44	TS22-I 30–38	TS22-I 46
	Clamp		PK273		PK274
	Clamp set	PK276-SET		PK277-SET	
	Clamping screw		FS2687 (T15IP) 2,5 Nm		FS2688 (T20IP) 3,9 Nm
	Shim	GX16-1	GX16-1	NX22-1	NX22-1
	Screw for shim	FS2590 (T9IP)	FS2590 (T9IP)	FS2686 (T15IP)	FS2686 (T15IP)
	Screw plug	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)
	Tension spring		FS1470		SP1000-76-16
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key				FS1464 (T20IP)

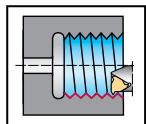
Accessories			
	Type	TS16-I	TS22-I
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-97.5
	Shim	GX16-2	NX22-98
	Shim	GX16-3	NX22-99
	Shim	GX16-4	NX22-98.5
	Shim	GX16-98	NX22-99.5
	Shim	GX16-99	NX22-0.5
	Shim		NX22-1.5
	Shim		NX22-0
	Shim		NX22-2
	Shim		NX22-3
	Shim		NX22-4
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

A3

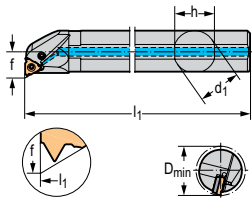
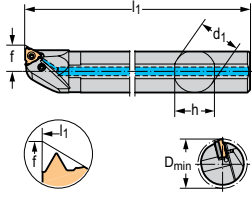
Boring bar – Internal thread

T1223 mm

– Lever clamping



A3

Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	Type
 Parallel shank with clamping surface	T1223-A20QR-24-TS16	16	24	20	13,8	19	171	TS16-I
	T1223-A25RR-29-TS16	16	29	25	16,3	24	200	
	T1223-A32SR-36-TS16	16	36	32	19,8	30	250	
	T1223-A40TR-44-TS16	16	44	40	23,8	38,5	300	
	T1223-A25RR-30-TS22	22	30	25	17,8	23	200	TS22-I
	T1223-A32SR-38-TS22	22	38	32	21,3	30	250	
	T1223-A40TR-46-TS22	22	46	40	25,3	37	300	
 Parallel shank with clamping surface	T1223-A20QL-24-TS16	16	24	20	13,8	19	171	TS16-I
	T1223-A25RL-29-TS16	16	29	25	16,3	24	200	
	T1223-A32SL-36-TS16	16	36	32	19,8	30	250	
	T1223-A25RL-30-TS22	22	30	25	17,8	23	200	TS22-I
	T1223-A32SL-38-TS22	22	38	32	21,3	30	250	
	T1223-A40TL-46-TS22	22	46	40	25,3	37	300	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts			
	Type	TS16-I	TS22-I
	Lever	KN129	KN130
	Shim	GXA16-1	NXA22-1
	Lever screw	FS2615 (T15IP)	FS2616 (T25IP)
	Shim pin	RS123	RS124
	Torx key	FS1465 (T15IP)	
	Allen key		FS1592 (T25IP)

Accessories			
	Type	TS16-I	TS22-I
	Shim	MXA16-1	MXA22-1
	Shim	GXA16-0	NXA22-0
	Shim	GXA16-2	NXA22-98
	Shim	GXA16-3	NXA22-97.5
	Shim	GXA16-4	NXA22-0.5
	Shim	GXA16-99	NXA22-1.5
	Shim	GXA16-98	NXA22-2

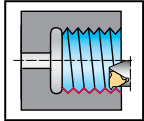
Accessories			
	Type	TS16-I	TS22-I
	Shim		NXA22-3
	Shim		NXA22-4
	Shim		NXA22-99.5
	Shim		NXA22-99
	Shim		NXA22-98.5

A3

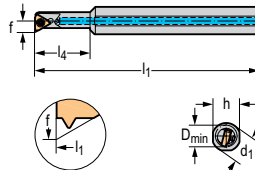
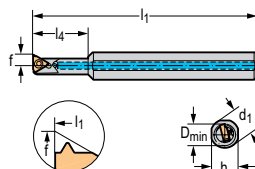
Boring bar – Internal thread

T1222 inch

– Screw clamping



A3

Tool			D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	l_4 inch	β	Type
 Parallel shank with clamping surface	Designation									
	T1222.A12LR-10-TS09	09	0,400	0,750	0,201	0,725	5,500	0,750	1,5°	TS09-I
	T1222.A06HR-13-TS11	11	0,500	0,375	0,285	0,358	4,000	1,181	1,5°	TS11-I
	T1222.A06MR-11-TS11	11	0,450	0,375	0,285	0,358	6,000	0,390	1,5°	
	T1222.A10LR-15-TS11	11	0,600	0,625	0,315	0,593	5,500	1,250	1,5°	TS16-I
	T1222.A10MR-19-TS16	16	0,750	0,625	0,406	0,593	6,000	1,500	1,5°	
 Parallel shank with clamping surface	T1222.A12AR-23-TS22	22	0,900	0,750	0,492	0,725	10,000	2,000	1,5°	TS22-I
	T1222.A12QR-23-TS22	22	0,900	0,750	0,492	0,725	7,000	2,000	1,5°	
	T1222.A06HL-13-TS11	11	0,500	0,375	0,285	0,358	4,000	1,181	1,5°	TS11-I
	T1222.A10LL-15-TS11	11	0,600	0,625	0,315	0,593	5,500	1,250	1,5°	
	T1222.A10ML-19-TS16	16	0,750	0,625	0,406	0,593	6,000	1,500	1,5°	TS16-I
	T1222.A12QL-23-TS22	22	0,900	0,750	0,492	0,725	7,000	2,000	1,5°	TS22-I

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

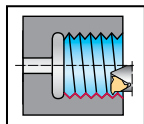
Assembly parts		TS09-I	TS11-I	TS16-I	TS22-I
	Type				
	Screw for indexable insert Tightening torque	FS2684 (T07IP) 0,664 lbs	FS2685 (T07IP) 0,664 lbs	FS2683 (T15IP) 1,844 lbs	FS2682 (T15IP) 1,844 lbs
	Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

Boring bar – Internal thread

T1221 inch


A3

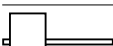
– Rigid clamping



Tool	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	Type
 Parallel shank with clamping surface	T1221.A12PR-24-TS16	16	0,950	0,750	0,520	0,725	6,693	TS16-I
	T1221.A16RR-29-TS16	16	1,150	1,000	0,650	0,975	7,874	
	T1221.A20SR-36-TS16	16	1,400	1,250	0,780	1,205	9,843	
	T1221.A24TR-43-TS16	16	1,700	1,500	0,898	1,455	11,811	TS22-I
	T1221.A16RR-31-TS22	22	1,200	1,000	0,709	0,975	7,917	
	T1221.A20SR-38-TS22	22	1,500	1,250	0,839	1,205	9,843	
 Parallel shank with clamping surface	T1221.A24TR-46-TS22	22	1,800	1,500	0,969	1,455	11,811	TS16-I
	T1221.A12PL-24-TS16	16	0,950	0,750	0,520	0,725	6,693	
	T1221.A16RL-29-TS16	16	1,150	1,000	0,650	0,975	7,874	
	T1221.A20SL-36-TS16	16	1,400	1,250	0,780	1,205	9,843	TS22-I
	T1221.A24TL-43-TS16	16	1,700	1,500	0,898	1,455	11,811	
	T1221.A16RL-31-TS22	22	1,200	1,000	0,709	0,975	7,917	
 Parallel shank with clamping surface	T1221.A20SL-38-TS22	22	1,500	1,250	0,839	1,205	9,843	TS22-I
	T1221.A24TL-46-TS22	22	1,800	1,500	1,183	1,455	11,811	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue 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]	TS16-I 0,95–1,15	TS16-I 1,4–1,7	TS22-I 1,2–1,5	TS22-I 1,8
	Clamp		PK273		PK274
	Clamp set	PK276-SET		PK277-SET	
	Clamping screw		FS2687 (T15IP) 1,844 lbs		FS2688 (T20IP) 2,876 lbs
	Shim	GX16-1	GX16-1	NX22-1	NX22-1
	Screw for shim	FS2590 (T9IP)	FS2590 (T9IP)	FS2686 (T15IP)	FS2686 (T15IP)
	Screw plug	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)
	Tension spring		FS1470		SP1000-76-16
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key				FS1464 (T20IP)

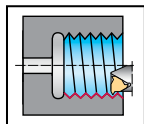
Accessories			
	Type	TS16-I	TS22-I
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-97.5
	Shim	GX16-2	NX22-98
	Shim	GX16-3	NX22-99
	Shim	GX16-4	NX22-98.5
	Shim	GX16-98	NX22-99.5
	Shim	GX16-99	NX22-0.5
	Shim		NX22-1.5
	Shim		NX22-0
	Shim		NX22-2
	Shim		NX22-3
	Shim		NX22-4
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

Boring bar – Internal thread

T1223 inch


A3

– Lever clamping



Tool	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	Type
 Parallel shank with clamping surface	T1223.A12QR-24-TS16	16	0,95	0,750	0,520	0,725	7,000	TS16-I
	T1223.A16RR-29-TS16	16	1,150	1,000	0,650	0,975	8,000	
	T1223.A20SR-36-TS16	16	1,404	1,250	0,780	1,205	10,000	
	T1223.A24TR-43-TS16	16	1,700	1,500	0,900	1,455	12,000	
	T1223.A16RR-30-TS22	22	1,181	1,000	0,710	0,975	8,000	TS22-I
	T1223.A20SR-38-TS22	22	1,500	1,250	0,840	1,205	10,000	
	T1223.A24TR-46-TS22	22	1,800	1,500	0,970	1,455	12,000	
 Parallel shank with clamping surface	T1223.A12QL-24-TS16	16	0,95	0,750	0,520	0,725	7,000	TS16-I
	T1223.A16RL-29-TS16	16	1,150	1,000	0,650	0,975	8,000	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

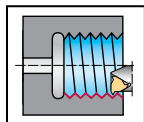
Assembly parts			
	Type	TS16-I	TS22-I
	Lever	KN129	KN130
	Shim	GXA16-1	NXA22-1
	Lever screw	FS2690 (T15IP)	FS2616 (T25IP)
	Shim pin	RS123	RS124
	Torx key	FS1465 (T15IP)	
	Allen key		FS1592 (T25IP)

Accessories			
	Type	TS16-I	TS22-I
	Shim	MXA16-1	MXA22-1
	Shim	GXA16-0	NXA22-0
	Shim	GXA16-2	NXA22-98
	Shim	GXA16-3	NXA22-97.5
	Shim	GXA16-4	NXA22-0.5
	Shim	GXA16-99	NXA22-1.5
	Shim	GXA16-98	NXA22-2
	Shim		NXA22-3
	Shim		NXA22-4
	Shim		NXA22-99.5
	Shim		NXA22-99
	Shim		NXA22-98.5

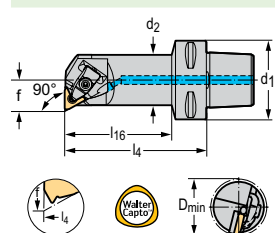
Boring bar – Internal thread

T1221-C... mm

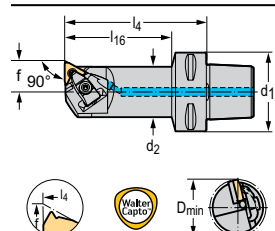

– Rigid clamping



Tool



Walter Capto™ in acc. with ISO 26623



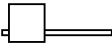
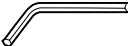
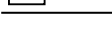
Walter Capto™ in acc. with ISO 26623

Designation		D _{min} mm	d ₂ mm	d ₁	f mm	l ₄ mm	l ₆ mm	Type
T1221-C4R-14060-TS16	16	24	20	C4	13,8	60	36	TS16-I
T1221-C4R-17070-TS16	16	29	25	C4	16,3	70	48	
T1221-C4R-20090-TS16	16	36	32	C4	19,8	90	69	
T1221-C5R-14060-TS16	16	24	20	C5	13,8	60	36	
T1221-C5R-17070-TS16	16	29	25	C5	16,3	70	47	
T1221-C5R-20090-TS16	16	36	32	C5	19,8	90	68	
T1221-C5R-27105-TS16	16	50	45	C5	27	105	53	TS22-I
T1221-C6R-17075-TS16	16	29	25	C6	16,3	75	53	
T1221-C6R-20090-TS16	16	36	32	C6	19,8	90	68	
T1221-C6R-24105-TS16	16	44	40	C6	23,8	105	80	
T1221-C4R-22090-TS22	22	38	32	C4	21,3	90	69	
T1221-C5R-18070-TS22	22	30	25	C5	17,8	70	47	
T1221-C5R-22090-TS22	22	38	32	C5	21,3	90	68	TS16-I
T1221-C6R-18075-TS22	22	30	25	C6	17,8	75	53	
T1221-C6R-22090-TS22	22	38	32	C6	21,3	90	68	
T1221-C6R-26105-TS22	22	46	40	C6	25,3	105	80	
T1221-C4L-14060-TS16	16	24	20	C4	13,8	60	36	
T1221-C4L-17070-TS16	16	29	25	C4	16,3	70	48	TS22-I
T1221-C4L-20090-TS16	16	36	32	C4	19,8	90	69	
T1221-C5L-14060-TS16	16	24	20	C5	13,8	60	36	
T1221-C5L-17070-TS16	16	29	25	C5	16,3	70	47	
T1221-C5L-20090-TS16	16	36	32	C5	19,8	90	68	
T1221-C6L-17075-TS16	16	29	25	C6	16,3	75	53	
T1221-C6L-20090-TS16	16	36	32	C6	19,8	90	68	TS22-I
T1221-C6L-24105-TS16	16	44	40	C6	23,8	105	80	
T1221-C4L-22090-TS22	22	38	32	C4	21,3	90	69	
T1221-C5L-18070-TS22	22	30	25	C5	17,8	70	47	
T1221-C5L-22090-TS22	22	38	32	C5	21,3	90	68	
T1221-C6L-18075-TS22	22	30	25	C6	17,8	75	53	
T1221-C6L-22090-TS22	22	38	32	C6	21,3	90	68	TS22-I
T1221-C6L-26105-TS22	22	46	40	C6	25,3	105	80	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

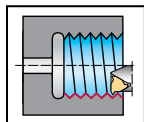
Type	D _{min} [mm]	TS16-I 24–29	TS16-I 36–50	TS22-I 30–38	TS22-I 46
	Clamp		PK273		PK274
	Clamp set	PK276-SET		PK277-SET	
	Clamping screw		FS2687 (T15IP) 2,5 Nm		FS2688 (T20IP) 3,9 Nm
	Shim	GX16-1	GX16-1	NX22-1	NX22-1
	Screw for shim	FS2590 (T9IP)	FS2590 (T9IP)	FS2686 (T15IP)	FS2686 (T15IP)
	Tension spring		FS1470		SP1000-76-16

Assembly parts		Type D _{min} [mm]	TS16-I 24–29	TS16-I 36–50	TS22-I 30–38	TS22-I 46
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key					FS1464 (T20IP)
Accessories						
	Type		TS16-I		TS22-I	
	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	
	Torx key		FS1466 (T9IP)		FS1465 (T15IP)	

Replaceable head – Internal thread

T1820-Q...-P mm

- QuadFit
- Precision cooling



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°	TS16-I
	T1820-Q32R-16I-P	16	Q32	36	19,8	32	1°	
	T1820-Q32R-22I-P	22	Q32	38	21,3	32	1°	TS22-I
	T1820-Q40R-16I-P	16	Q40	44	23,8	32	1°	TS16-I
	T1820-Q40R-22I-P	22	Q40	46	25,3	32	1°	TS22-I
	T1820-Q50R-16I-P	16	Q50	54	28,8	32	1°	TS16-I
	T1820-Q50R-22I-P	22	Q50	56	30,3	32	1°	TS22-I
	T1820-Q25L-16I-P	16	Q25	29	16,3	25	1°	TS16-I
	T1820-Q32L-16I-P	16	Q32	36	19,8	32	1°	
	T1820-Q32L-22I-P	22	Q32	38	21,3	32	1°	TS22-I
	T1820-Q40L-16I-P	16	Q40	44	23,8	32	1°	TS16-I
	T1820-Q40L-22I-P	22	Q40	46	25,3	32	1°	TS22-I
	T1820-Q50L-16I-P	16	Q50	54	28,8	32	1°	TS16-I
	T1820-Q50L-22I-P	22	Q50	56	30,3	32	1°	TS22-I

The maximum recommended coolant pressure is 150 bar (2175 psi) | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TS16-I	TS22-I
	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	TS16-I	TS22-I
	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

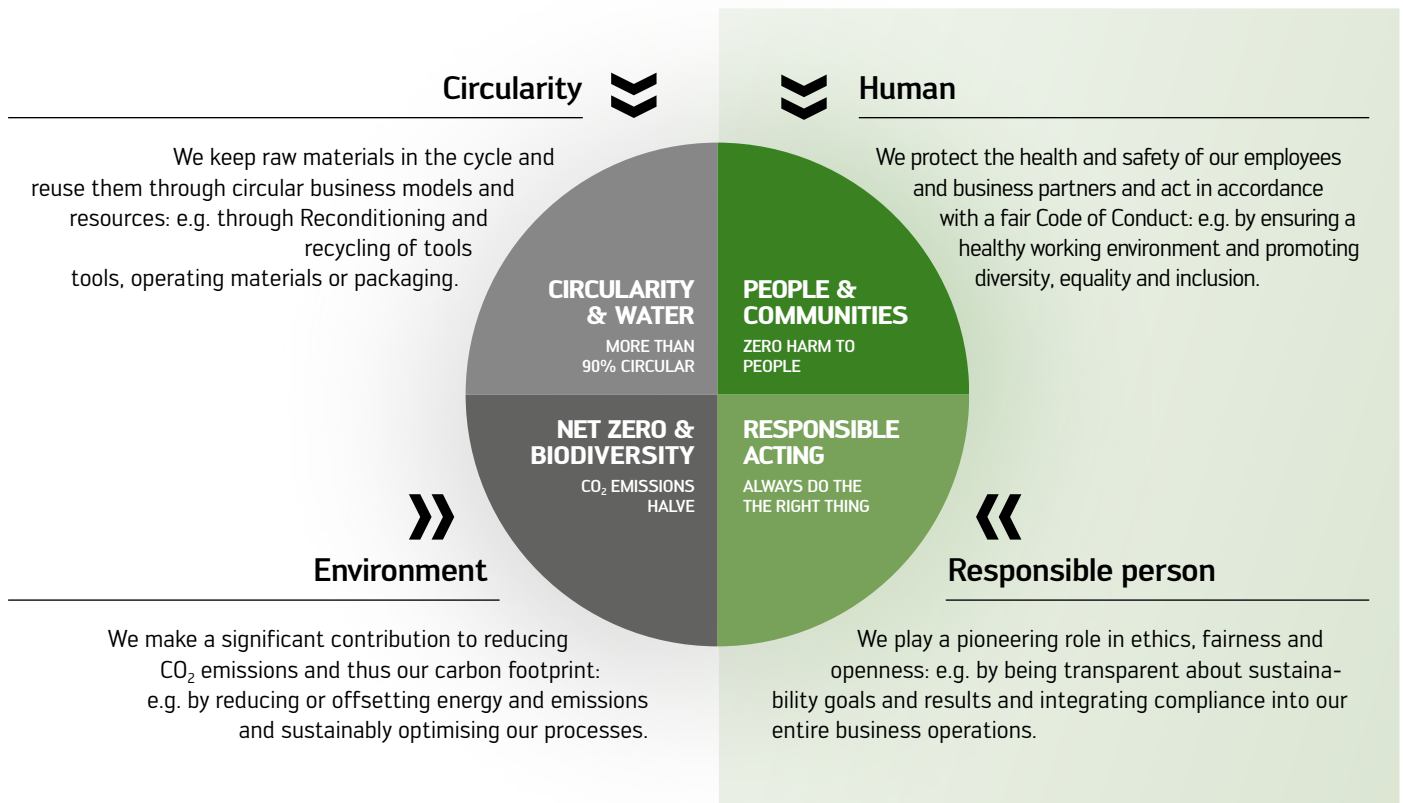
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Sustainable action in all Business divisions

Create
the
Change

Sustainability is an essential Requirement for Walter to be successful as a company on the market in the long term. It is therefore a key component of our corporate strategy. Our responsible person for sustainability encompasses all areas: from product recycling, sustainable packaging, energy efficiency and the reduction of CO₂ emissions to our commitment to health and safety and responsible behaviour towards our business partners.

THE WALTER SUSTAINABILITY GOALS BY 2030



PROVEN TO BE MANUFACTURED TO HIGH STANDARDS

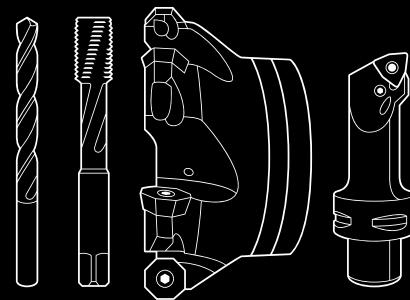
All processes, procedures, methods and resources that we use are audited and evaluated by an independent body according to Hardness criteria: Occupational health and safety, Quality assurance and environmentally friendly behaviour are examples of this. Our social commitment shows that Walter takes his responsibility much further.



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