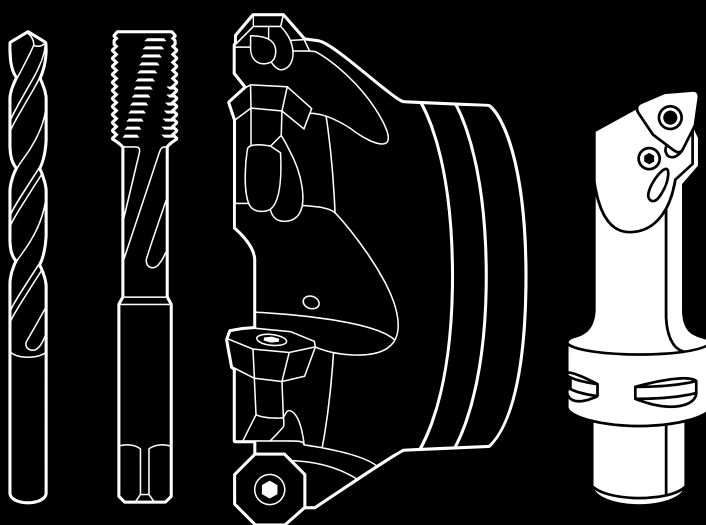


_ METAL IS OUR WORLD

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

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Indexable inserts

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A2: Grooving

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A3: Thread turning

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Indexable inserts

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Walter NTS threading tools

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Technologies at Walter

Accure-tec®

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

Drion-tec™

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

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.

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 Green

Walter Green: Sustainability and responsible use of resources are central components of our company principles. We use our "Walter Green" seal to show how we implement these principles – such as by offsetting our CO₂ emissions with environmental conservation projects.

Walter Xpress

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

Walter Precision XT

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

Walter Boring XT

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

XD Technology

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

Xill-tec®

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

Xtra-tec®

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

Xtra-tec® XT

Xtra-tec® XT is the latest generation of Walter milling tools. As the “Xtended” Xtra-tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than ever before – all while compensating for the CO₂ emissions through Walter Green.

X-treme Evo

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

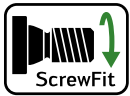
Technologies at Walter (continued)



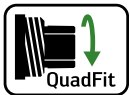
Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



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



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



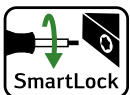
The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure-tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools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



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



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



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

Tiger-tec® Gold



tigertec-gold.walter

 **WALTER**
Engineering Kompetenz

The structure of the new Walter General 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 ₁ [mm]	0.5–4.5	0.5–8.0	0.5–7.0	0.2–8.0	0.8–9.0
f [mm]	0.10–0.45	0.10–0.55	0.15–0.55	0.10–0.80	0.13–0.60
Page in catalogue	13	13	14	14	
QR code					
www.walter-tools.com/woc/	MM5	MP5	MU5	MK5	NRS

Machining	Roughing				
Geometry	NRT	RM5	RP5	RP7	RK5
Insert basic shape	C, S	C, D, S, T, W	C, D, R, S, T, W	C, S, T, W	C, D, R, S, T, V, W
P Steel		••	•••	••	••
M Stainless steel		••	••	••	••
K Cast iron		•	•	••	••
N NF metals		•	•	•	•
S Materials with difficult cutting properties	••	••	•	•	•
H Hard materials					•
O Other					
a ₁ [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.

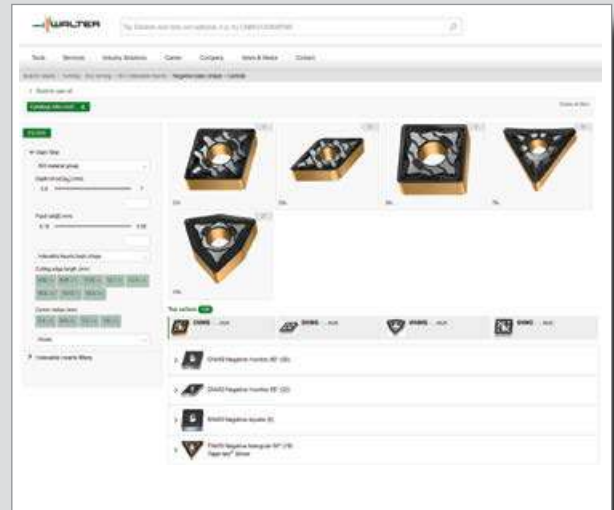
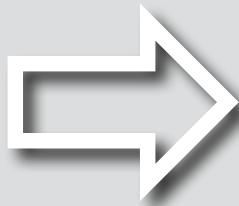


Scan the QR code

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

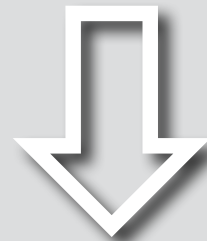


Direct link

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.

Designation	d	f	f _{max}	v _c	Materials
	mm	mm	mm	mm	P M K N S H D
WMG000008.MUS.VPP205	8.5	0.8	0.15-0.35	0.6-3	● ● ● ● ● ● ● ●
WMG000408.MUS.VSK205	8.5	0.8	0.15-0.35	0.6-3	● ● ● ● ● ● ● ●
WMG000408.MUS.VPP105	8.5	0.8	0.15-0.35	0.6-3	● ● ● ● ● ● ● ●
WMG000408.MUS.VMP205	8.5	0.8	0.15-0.35	0.6-3	● ● ● ● ● ● ● ●
WMG000408.MUS.VPP200	8.5	0.8	0.15-0.35	0.6-3	● ● ● ● ● ● ● ●
WMG000408.MUS.VPP100	8.5	0.8	0.15-0.35	0.6-3	● ● ● ● ● ● ● ●
WMG000412.MUS.VPP200	12.7	1.2	0.2-0.5	1-5	● ● ● ● ● ● ● ●
WMG000408.MUS.VMP206	12.7	0.8	0.15-0.4	0.5-5	● ● ● ● ● ● ● ●
WMG000408.MUS.VSK206	12.7	0.4	0.15-0.3	0.5-4	● ● ● ● ● ● ● ●
WMG000404.MUS.VPP106	12.7	0.4	0.15-0.3	0.5-4	● ● ● ● ● ● ● ●

ISO indexable inserts – Negative basic shape

Machining	Finishing operation				Medium machining
					
Geometry	FW5	FM5	NFT	FP5	MW5
Indexable inserts basic shape	C, D, T, W	C, D, S, T, V, W	C, D, V	C, D, S, T, V, W	C, D, T, W
P Steel	●●	●		●●	●●
M Stainless steel	●●	●●	●		●●
K Cast iron	●●			●	●●
N NF metals			●		
S Materials with difficult cutting properties	●	●●	●●		●
H Hard materials					
O Other					
a_p [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	A 20	A 20	A 20	A 20	A 20
QR code					
www.walter-tools.com/woc/	FW5	FM5	NFT	FP5	MW5

Machining	Medium machining				
					
Geometry	MN3	NMS	MS3	NMT	MP3
Indexable inserts basic shape	C, D, V, W	C, D, S, T, V, W	C, D, T, V, W	C, D, W	C, D, S, T, V, W
P Steel	●		●	●●	●●
M Stainless steel	●	●	●		
K Cast iron					●
N NF metals	●●		●		
S Materials with difficult cutting properties	●	●●	●●	●●	
H Hard materials					
O Other					
a_p [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	A 20	A 20	A 20	A 20	A 20
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	A 20	A 20	A 20	A 20	A 20
QR code					
www.walter-tools.com/woc/	MM5	MP5	MU5	MK5	NRS











Machining	Roughing				
Geometry	NRT	RM5	RP5	RP7	RK5
Indexable inserts basic shape	C, S	C, D, S, T, W	C, D, R, S, T, W	C, S, T, W	C, D, R, S, T, V, W
P Steel			●●	●●	
M Stainless steel		●●	●		
K Cast iron			●	●●	●●
N NF metals					
S Materials with difficult cutting properties	●●	●●			
H Hard materials					●
O Other					
a_p [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	A 20	A 20	A 20	A 20	A 20
QR code					
www.walter-tools.com/woc/	NRT	RM5	RP5	RP7	RK5











WALTER SELECT ●● Primary application ● Other application

ISO indexable inserts – Negative basic shape

Machining	Roughing		Heavy machining	
				
Geometry	RK7	HU3	HU5	HU7
Indexable inserts basic shape	C, D, S, T, W	C, D, S, T, W	C, D, S	C, S, T
P Steel		●●	●	●●
M Stainless steel		●	●●	●
K Cast iron	●●	●	●	●●
N NF metals				
S Materials with difficult cutting properties			●●	
H Hard materials	●●			
O Other				
a_p [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	A 20	A 20	A 20	A 20
QR code				
www.walter-tools.com/woc/	RK7	HU3	HU5	HU7











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











Machining	Finishing operation				
					
Geometry	FW4	FL2	FN2	FM2	FP2
Indexable inserts basic shape	C, D, T	C, D, V	C, D, S, T, V, W	C, D, S, T, V, W	C, D, T, V
P Steel	●●	●●	●	●●	●●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron	●●	●●	●	●	●●
N NF metals			●●	●●	●
S Materials with difficult cutting properties	●	●	●	●●	●
H Hard materials					
O Other			●		
a_p [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	A 38	A 38	A 38	A 38	A 38
QR code					
www.walter-tools.com/woc/	FW4	FL2	FN2	FM2	FP2

Machining	Finishing operation				
					
Geometry	FM4	FP4	FM6	FP6	FK6
Indexable inserts basic shape	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	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]	0,1–5,0	0,1–5,0	0,3–2,5	0,3–2,5	0,3–2,5
f [mm]	0,02–0,40	0,02–0,40	0,08–0,32	0,06–0,32	0,06–0,32
Page in catalogue	A 38	A 38	A 38	A 38	A 38
QR code					
www.walter-tools.com/woc/	FM4	FP4	FM6	FP6	FK6

WALTER SELECT ●● Primary application ● Other application

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







Machining	Medium machining				
					
Geometry	MW4	MN2	MM4	MP4	MK4
Indexable inserts basic shape	C, D, T	C, D, R, S, T, V, W	C, D, S, T, V, W	C, D, S, T, V, W	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]	0,5–4,5	0,5–6,0	0,1–3,5	0,3–3,5	0,4–3,5
f [mm]	0,12–0,55	0,02–0,80	0,04–0,35	0,06–0,35	0,08–0,35
Page in catalogue	A 38	A 38	A 38	A 38	A 38
QR code					
www.walter-tools.com/woc/	MW4	MN2	MM4	MP4	MK4

Machining	Roughing			Schruppbearbeitung	
					
Geometry	MP6	..GN	..MR	RM4	RP4
Indexable inserts basic shape	C, D, T, V	T	T	C, D, R, S, T, V, 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]	0,4–4,0	0,4–3,0	0,4–4,0	0,2–7,0	0,2–7,0
f [mm]	0,08–0,40	0,10–0,30	0,12–0,30	0,08–1,20	0,08–1,20
Page in catalogue	A 38	A 56	A 56	A 38	A 38
QR code					
www.walter-tools.com/woc/	MP6	GN	MR	RM4	RP4











WALTER SELECT

●● Primary application ● Other application

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

Machining	Medium machining		Schwerzerspannung
			
Geometry	RK4	RK6	HU6
Indexable inserts basic shape	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]	0,4–7,0	0,2–5,0	1,0–15,0
f [mm]	0,08–1,20	0,08–0,50	0,12–1,70
Page in catalogue	A 38	A 38	A 47
QR code			
www.walter-tools.com/woc/	RK4	RK6	HU6

Inserts copy turning system – WL

Machining	Finishing operation		Medium machining		
	NEW 		NEW 		
Geometry	FM4	FP4	MM4	MP4	MU6
Indexable inserts basic shape	WL	WL	WL	WL	WL
P Steel	●	●●	●	●●	●●
M Stainless steel	●●	●	●●	●	●●
K Cast iron		●	●	●	●●
N NF metals					
S Materials with difficult cutting properties	●●	●	●●	●	●●
H Hard materials					●
O Other					
a_p [mm]	0,1–2,0	0,1–2,0	0,4–2,5	0,4–2,5	0,5–2,5
f [mm]	0,04–0,25	0,05–0,25	0,08–0,40	0,08–0,40	0,12–0,45
Page in catalogue	A 61	A 61	A 61	A 61	A 63
QR code					
www.walter-tools.com/woc/	FM4	FP4	MM4	MP4	MU6











ISO indexable inserts – CBN/PCD/ceramic





Cutting tool material	CBN				
Geometry	TS	TS-MW	TM	TM-M	TM-MW
Indexable inserts basic shape	C, D, S, T, V, W	C	C, D, S, T, V, W	C, D	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]	0,05–2,0	0,1–0,5	0,1–1,0	0,1–1,0	0,1–1,0
f [mm]	0,02–0,30	0,05–0,20	0,05–0,30	0,05–0,30	0,05–0,50
Page in catalogue	A 64	A 69	A 64	A 64	A 64
QR code					
www.walter-tools.com/woc/	TS	TS-MW	TM	TM-M	TM-MW

Cutting tool material	CBN		Ceramic		
Geometry	TS-0	TM-S	E	T01020	T02020
Indexable inserts basic shape	R	C, R, S	R	C, R, S	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]	0,1–5,0	0,1–5,0	0,1–3,6	0,1–4,5	0,1–6,0
f [mm]	0,05–0,40	0,05–0,50	0,10–0,32	0,10–0,42	0,10–0,80
Page in catalogue		A 66	A 80	A 79	A 79
QR code					
www.walter-tools.com/woc/	TS-0	TM-S	E	T01020	T02020

WALTER SELECT ●● Primary application ● Other application

ISO indexable inserts – CBN/PCD/ceramic



Cutting tool material	Keramik		PCD		CBN
					
Geometry	SM	SM-MWS	T-FS	W-FS	EM
Indexable inserts basic shape	C, D, S, T, V, W	C, W	C, D, V	C, D, S, T, V	C, D, 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]	0,1–1,0	0,1–1,0	0,05–4,0	0,05–4,0	0,1–1,0
f [mm]	0,05–0,30	0,05–0,35	0,03–0,38	0,03–0,38	0,05–0,25
Page in catalogue	A 79	A 79	A 74	A 74	A 64
QR code					
www.walter-tools.com/woc/	SM	SM-MWS	T-FS	W-FS	EM

Cutting tool material	PCD	
		
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	A 74	A 74
QR code		
www.walter-tools.com/woc/	FS-M	FS-9

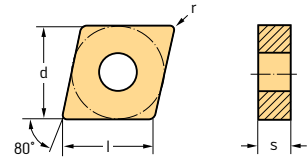
WALTER SELECT

●● Primary application ● Other application

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	A 86	
QR code		
www.walter-tools.com/woc/	TM	

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



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M				K			N		S										
					WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	HE	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WKP30S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S	WS10		
CNMG120404-FW5	12.9	0.4	0.10-0.40	0.3-3.0	☺	☺	☺																							
					CNMG120408-FW5	12.9	0.8	0.15-0.60	0.4-3.0	☺	☺	☺					☺									☺	☺			
CNMG120404-NFT	12.9	0.4	0.08-0.17	0.4-1.5																										
					CNMG120408-NFT	12.9	0.8	0.10-0.20	0.5-2.0								☺										☺		☺	
CNGG120404-NFT	12.9	0.4	0.06-0.15	0.3-1.5																										
					CNGG120408-NFT	12.9	0.8	0.08-0.18	0.4-2.0																				☺	
CNMG120402-FM5	12.9	0.2	0.03-0.10	0.1-1.0																										
					CNMG120404-FM5	12.9	0.4	0.05-0.15	0.2-1.5																					
					CNMG120408-FM5	12.9	0.8	0.07-0.20	0.4-1.5				☺																	
					CNMG120412-FM5	12.9	1.2	0.10-0.25	0.5-2.0																					
CNMG090304-FP5	9.67	0.4	0.04-0.20	0.1-1.5																										
					CNMG090308-FP5	9.67	0.8	0.08-0.25	0.2-2.0			☺	☺																	
					CNMG120402-FP5	12.9	0.2	0.04-0.12	0.1-0.5																					
					CNMG120404-FP5	12.9	0.4	0.04-0.20	0.1-1.5	☺		☺	☺									☺								
					CNMG120408-FP5	12.9	0.8	0.08-0.25	0.2-2.0	☺		☺	☺									☺								
CNMG120412-FP5	12.9	1.2	0.10-0.25	0.5-2.5																										
					CNMG120412-FP5	12.9	1.2	0.10-0.25	0.5-2.5			☺	☺																	
CNMG120408-MW5	12.9	0.8	0.20-0.65	0.8-4.0																										
					CNMG120412-MW5	12.9	1.2	0.25-0.70	1.5-4.0	☺	☺	☺	☺																	
CNGG120402M-MN3	12.9	0.17	0.05-0.12	0.5-3.0																										
					CNGG120404M-MN3	12.9	0.37	0.08-0.30	0.8-4.0																					
					CNGG120408M-MN3	12.9	0.77	0.10-0.40	1.0-4.0																					
CNMG120404-MS3	12.9	0.4	0.12-0.25	0.6-3.0																										
					CNMG120408-MS3	12.9	0.8	0.15-0.30	0.8-3.0			☺	☺																	
					CNMG120412-MS3	12.9	1.2	0.15-0.40	1.0-3.5				☺																	
					CNMG190612-MS3	19.34	1.2	0.18-0.50	1.2-5.0																					
CNGG120401-MS3	12.9	0.1	0.02-0.06	0.2-2.5																										
					CNGG120402-MS3	12.9	0.2	0.05-0.12	0.4-2.5																					
					CNGG120404-MS3	12.9	0.4	0.10-0.25	0.6-3.0																					
					CNGG120408-MS3	12.9	0.8	0.12-0.30	0.8-3.0																					
					CNGG120408-MS3	12.9	0.8	0.12-0.30	0.8-3.0																					
CNMG120408-NMT	12.9	0.8	0.12-0.30	0.8-4.0																										
					CNMG120412-NMT	12.9	1.2	0.15-0.32	1.0-4.0																					
CNMG120404-NMS	12.9	0.4	0.10-0.24	0.6-2.5																										
					CNMG120408-NMS	12.9	0.8	0.13-0.32	0.8-3.5																					
					CNMG120412-NMS	12.9	1.2	0.16-0.36	1.0-3.5																					

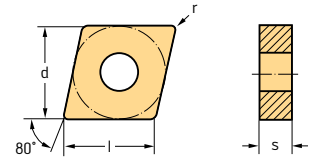
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

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

WALTER SELECT

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

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



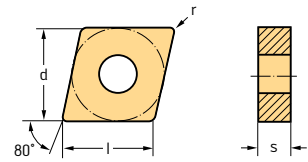
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P						M				K				N		S					
					WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WKP30S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S
	CNMG090304-MP3	9,67	0,4	0,06-0,20	0,3-2,2		☉	☉																		
	CNMG090308-MP3	9,67	0,8	0,10-0,28	0,6-3,0		☉	☉																		
	CNMG120404-MP3	12,9	0,4	0,08-0,22	0,3-2,5		☉	☉																		
	CNMG120408-MP3	12,9	0,8	0,12-0,32	0,6-3,2		☉	☉																		
	CNMG120412-MP3	12,9	1,2	0,16-0,40	0,8-3,5		☉	☉																		
	CNMG120404-MM5	12,9	0,4	0,10-0,20	0,5-3,0				☉				☉	☉	☉	☉							☉	☉	☉	
	CNMG120408-MM5	12,9	0,8	0,15-0,32	0,8-3,0				☉				☉	☉	☉	☉						☉	☉	☉	☉	
	CNMG120412-MM5	12,9	1,2	0,15-0,35	0,8-3,5				☉				☉	☉	☉	☉						☉	☉	☉	☉	
	CNMG120416-MM5	12,9	1,6	0,15-0,40	1,0-4,0				☉				☉	☉	☉	☉						☉	☉	☉	☉	
	CNMG160608-MM5	16,12	0,8	0,15-0,35	0,8-4,5				☉				☉	☉	☉	☉						☉	☉	☉	☉	
	CNMG120404-MP5	12,9	0,4	0,16-0,25	0,5-4,0			☉	☉																	
	CNMG120408-MP5	12,9	0,8	0,18-0,40	0,6-5,0		☉	☉	☉								☉									
	CNMG120412-MP5	12,9	1,2	0,20-0,45	1,0-5,0		☉	☉	☉																	
	CNMG120416-MP5	12,9	1,6	0,25-0,50	1,2-5,0		☉	☉	☉																	
	CNMG160608-MP5	16,12	0,8	0,25-0,40	0,8-7,0		☉	☉	☉																	
	CNMG120404-MU5	12,9	0,4	0,15-0,30	0,5-4,0			☉	☉				☉	☉										☉		
	CNMG120408-MU5	12,9	0,8	0,15-0,40	0,6-5,0		☉	☉	☉				☉	☉										☉		
	CNMG120412-MU5	12,9	1,2	0,20-0,50	1,0-5,0		☉	☉	☉				☉	☉										☉		
	CNMG120416-MU5	12,9	1,6	0,25-0,55	1,2-5,0		☉	☉	☉				☉	☉										☉		
	CNMG160612-MU5	16,12	1,2	0,30-0,55	1,0-7,0		☉	☉	☉				☉	☉										☉		
	CNMG090308-MK5	9,67	0,8	0,10-0,20	0,2-3,0																					
	CNMG120404-MK5	12,9	0,4	0,16-0,25	0,6-5,0																					
	CNMG120408-MK5	12,9	0,8	0,25-0,50	0,8-5,0																					
	CNMG120412-MK5	12,9	1,2	0,30-0,50	1,2-5,0																					
	CNMG120416-MK5	12,9	1,6	0,35-0,50	1,5-5,0																					
	CNMG160608-MK5	16,12	0,8	0,25-0,50	0,8-7,0																					
	CNMG160612-MK5	16,12	1,2	0,30-0,60	1,2-7,0																					
	CNMG160616-MK5	16,12	1,6	0,35-0,60	1,5-7,0																					
	CNMG190612-MK5	19,34	1,2	0,30-0,65	1,2-8,0																					
CNMG190616-MK5	19,34	1,6	0,35-0,80	1,5-8,0																						
	CNMG120408-NRT	12,9	0,8	0,18-0,35	1,0-6,0																			☉	☉	
	CNMG120412-NRT	12,9	1,2	0,20-0,40	1,2-6,0																			☉	☉	
	CNMG160612-NRT	16,12	1,2	0,28-0,55	1,5-7,5																			☉	☉	
	CNMG190616-NRT	19,34	1,6	0,35-0,70	2,0-9,0																			☉	☉	

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

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



Indexable inserts

Designation	l mm	r 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	WKP30S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S	WS10	
	CNMG120408-NRS	12.9	0.8	0.16-0.35	1.0-4.0																							
	CNMG120412-NRS	12.9	1.2	0.18-0.40	1.2-4.0																							
	CNMG160612-NRS	16.12	1.2	0.21-0.45	1.2-6.5																							
	CNMG160616-NRS	16.12	1.6	0.23-0.50	1.5-6.5																							
	CNMG190608-NRS	19.34	0.8	0.20-0.45	1.0-8.0																							
	CNMG190612-NRS	19.34	1.2	0.23-0.50	1.2-8.5																							
	CNMG120408-RM5	12.9	0.8	0.20-0.40	1.2-5.0																							
	CNMG120412-RM5	12.9	1.2	0.25-0.50	1.5-5.0																							
	CNMG120416-RM5	12.9	1.6	0.30-0.55	2.0-5.0																							
	CNMG160608-RM5	16.12	0.8	0.22-0.45	1.2-7.0																							
	CNMG160612-RM5	16.12	1.2	0.25-0.60	1.5-7.0																							
	CNMG160616-RM5	16.12	1.6	0.30-0.65	2.0-7.0																							
	CNMG190612-RM5	19.34	1.2	0.25-0.60	1.5-8.0																							
	CNMG190616-RM5	19.34	1.6	0.30-0.80	2.0-8.0																							
	CNMG120408-RP5	12.9	0.8	0.20-0.40	0.8-6.0																							
	CNMG120412-RP5	12.9	1.2	0.25-0.60	1.0-6.0																							
	CNMG120416-RP5	12.9	1.6	0.35-0.70	1.6-6.0																							
	CNMG160608-RP5	16.12	0.8	0.25-0.50	1.0-8.0																							
	CNMG160612-RP5	16.12	1.2	0.35-0.65	1.2-8.0																							
	CNMG160616-RP5	16.12	1.6	0.40-0.70	1.6-8.0																							
	CNMG160624-RP5	16.12	2.4	0.40-0.90	2.0-8.0																							
	CNMG190608-RP5	19.34	0.8	0.25-0.50	1.0-10.0																							
	CNMG190612-RP5	19.34	1.2	0.30-0.70	1.2-10.0																							
	CNMG190616-RP5	19.34	1.6	0.35-0.80	1.6-10.0																							
CNMG190624-RP5	19.34	2.4	0.45-1.00	2.0-10.0																								
CNMG250924-RP5	25.79	2.4	0.45-1.20	2.0-12.0																								
	CNMG120408-RP7	12.9	0.8	0.18-0.40	0.8-5.0																							
	CNMG120412-RP7	12.9	1.2	0.25-0.50	1.2-5.0																							
	CNMG120416-RP7	12.9	1.6	0.35-0.50	1.5-5.0																							
	CNMG160608-RP7	16.12	0.8	0.30-0.50	0.8-6.0																							
	CNMG160612-RP7	16.12	1.2	0.35-0.60	1.2-6.0																							
	CNMG160616-RP7	16.12	1.6	0.40-0.60	1.5-6.0																							
	CNMG190612-RP7	19.34	1.2	0.35-0.60	1.2-7.0																							
	CNMG190616-RP7	19.34	1.6	0.35-0.75	1.5-7.0																							
CNMG250924-RP7	25.79	2.4	0.45-1.00	3.0-9.0																								
	CNMA120404-RK5	12.9	0.4	0.16-0.25	0.6-5.0																							
	CNMA120408-RK5	12.9	0.8	0.25-0.50	0.8-5.0																							
	CNMA120412-RK5	12.9	1.2	0.30-0.50	1.2-5.0																							
	CNMA120416-RK5	12.9	1.6	0.35-0.70	1.5-5.0																							
	CNMA160612-RK5	16.12	1.2	0.35-0.70	1.2-7.0																							
	CNMA160616-RK5	16.12	1.6	0.35-0.80	1.5-7.0																							
	CNMA190612-RK5	19.34	1.2	0.30-0.65	1.2-8.0																							
	CNMA190616-RK5	19.34	1.6	0.35-0.80	1.5-8.0																							
CNMA190624-RK5	19.34	2.4	0.40-0.90	2.5-8.0																								

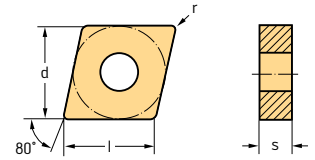
See the ISO 1832 designation key for dimensions
Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

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

Negative rhombic 80°

CNMG / CNGG / CNMA / CNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P										M				K			N		S			
					HC					HE	HC				K			HC	HW	HC		HW					
					WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WKP30S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	WS10
	CNMA120408-RK7	12.9	0.8	0.25-0.50	0.8-5.0																						
	CNMA120412-RK7	12.9	1.2	0.30-0.50	1.2-5.0																						
	CNMA120416-RK7	12.9	1.6	0.35-0.70	1.5-5.0																						
	CNMA160612-RK7	16.12	1.2	0.35-0.70	1.2-7.0																						
	CNMA160616-RK7	16.12	1.6	0.35-0.80	1.5-7.0																						
	CNMA190616-RK7	19.34	1.6	0.35-0.80	1.5-8.0																						
	CNMM120408-HU3	12.9	0.8	0.30-0.50	0.8-7.0																						
	CNMM120412-HU3	12.9	1.2	0.35-0.70	1.2-7.0																						
	CNMM120416-HU3	12.9	1.6	0.40-0.80	1.6-7.0																						
	CNMM160612-HU3	16.12	1.2	0.35-0.70	1.2-9.0																						
	CNMM160616-HU3	16.12	1.6	0.40-0.90	1.6-9.0																						
	CNMM160624-HU3	16.12	2.4	0.45-1.00	2.4-9.0																						
	CNMM190612-HU3	19.34	1.2	0.35-0.70	1.2-10.0																						
	CNMM190616-HU3	19.34	1.6	0.40-0.90	1.6-10.0																						
	CNMM190624-HU3	19.34	2.4	0.45-1.10	2.4-10.0																						
CNMM250924-HU3	25.79	2.4	0.45-1.20	2.4-12.0																							
	CNMM120408-HU5	12.9	0.8	0.25-0.55	1.0-7.0																						
	CNMM120412-HU5	12.9	1.2	0.30-0.70	1.5-7.0																						
	CNMM160612-HU5	16.12	1.2	0.35-0.70	1.5-9.0																						
	CNMM160616-HU5	16.12	1.6	0.40-0.80	2.0-9.0																						
	CNMM190612-HU5	19.34	1.2	0.35-0.70	1.5-10.0																						
	CNMM190616-HU5	19.34	1.6	0.40-0.90	2.0-10.0																						
	CNMM190624-HU5	19.34	2.4	0.45-1.00	2.0-10.0																						
	CNMM120412-HU7	12.9	1.2	0.40-0.80	1.5-8.0																						
	CNMM160612-HU7	16.12	1.2	0.50-0.90	2.0-10.0																						
	CNMM160616-HU7	16.12	1.6	0.50-1.10	2.0-10.0																						
	CNMM160624-HU7	16.12	2.4	0.50-1.30	2.0-10.0																						
	CNMM190612-HU7	19.34	1.2	0.50-0.90	2.0-13.0																						
	CNMM190616-HU7	19.34	1.6	0.50-1.10	2.0-13.0																						
	CNMM190624-HU7	19.34	2.4	0.60-1.60	3.0-13.0																						
	CNMM250924-HU7	25.79	2.4	0.60-1.60	3.0-17.0																						

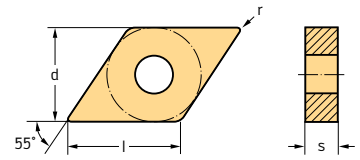
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

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

Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



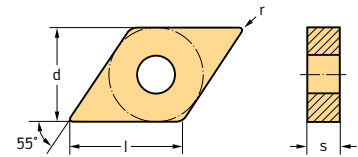
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M				K			N		S						
					WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	WS10
DNMG110404-FW5	11.63	0.4	0.10-0.35	0.3-2.0	☺	☺	☺					☺	☺	☺							☺	☺	☺			
DNMG110408-FW5	11.63	0.8	0.15-0.50	0.4-2.0	☺	☺	☺					☺	☺	☺							☺	☺	☺			
DNMG150404-FW5	15.5	0.4	0.10-0.40	0.3-3.0		☺	☺						☺	☺	☺							☺	☺	☺		
DNMG150408-FW5	15.5	0.8	0.15-0.50	0.4-3.0	☺	☺	☺						☺	☺	☺							☺	☺	☺		
DNMG150604-FW5	15.5	0.4	0.10-0.40	0.3-3.0	☺	☺	☺					☺	☺	☺	☺							☺	☺	☺		
DNMG150608-FW5	15.5	0.8	0.15-0.50	0.4-3.0	☺	☺	☺					☺	☺	☺	☺							☺	☺	☺		
DNMG150404-NFT	15.5	0.4	0.06-0.16	0.4-1.5									☺	☺	☺								☺	☺		
DNMG150604-NFT	15.5	0.4	0.06-0.16	0.4-1.5									☺	☺	☺								☺	☺		
DNMG150608-NFT	15.5	0.8	0.08-0.19	0.5-2.0									☺	☺	☺								☺	☺		☺
DNGG150604-NFT	15.5	0.4	0.05-0.14	0.2-1.5																						☺
DNGG150608-NFT	15.5	0.8	0.07-0.17	0.3-2.0																						☺
DNMG110404-FM5	11.63	0.4	0.05-0.15	0.2-1.0								☺	☺	☺	☺							☺	☺	☺		
DNMG110408-FM5	11.63	0.8	0.07-0.20	0.4-1.5								☺	☺	☺	☺							☺	☺	☺		
DNMG150404-FM5	15.5	0.4	0.05-0.15	0.2-1.5								☺	☺	☺	☺							☺	☺	☺		
DNMG150408-FM5	15.5	0.8	0.07-0.20	0.4-1.5								☺	☺	☺	☺							☺	☺	☺		
DNMG150602-FM5	15.5	0.2	0.03-0.10	0.1-1.0								☺	☺	☺	☺							☺	☺	☺		
DNMG150604-FM5	15.5	0.4	0.05-0.15	0.2-1.5								☺	☺	☺	☺							☺	☺	☺		
DNMG150608-FM5	15.5	0.8	0.07-0.20	0.4-1.5								☺	☺	☺	☺							☺	☺	☺		
DNMG110402-FP5	11.63	0.2	0.04-0.12	0.1-0.5			☺	☺																		
DNMG110404-FP5	11.63	0.4	0.04-0.20	0.1-1.5	☺	☺	☺																			
DNMG110408-FP5	11.63	0.8	0.08-0.25	0.2-2.0	☺	☺	☺																			
DNMG110412-FP5	11.63	1.2	0.10-0.25	0.5-2.5			☺	☺																		
DNMG150404-FP5	15.5	0.4	0.05-0.20	0.1-1.5	☺	☺	☺																			
DNMG150408-FP5	15.5	0.8	0.08-0.25	0.2-2.0	☺	☺	☺																			
DNMG150412-FP5	15.5	1.2	0.10-0.25	0.5-2.5			☺	☺																		
DNMG150604-FP5	15.5	0.4	0.05-0.20	0.1-1.5	☺	☺	☺																			
DNMG150608-FP5	15.5	0.8	0.08-0.25	0.2-2.0	☺	☺	☺																			
DNMG150612-FP5	15.5	1.2	0.10-0.25	0.5-2.5	☺	☺	☺																			
DNMG110408-MW5	11.63	0.8	0.15-0.50	0.8-3.0		☺	☺	☺																		
DNMG110412-MW5	11.63	1.2	0.20-0.60	1.5-3.0			☺	☺																		
DNMG150408-MW5	15.5	0.8	0.15-0.55	0.8-4.0			☺	☺																		
DNMG150412-MW5	15.5	1.2	0.20-0.65	1.5-4.0			☺	☺																		
DNMG150608-MW5	15.5	0.8	0.15-0.55	1.5-4.0		☺	☺	☺																		
DNMG150612-MW5	15.5	1.2	0.20-0.65	1.5-4.0		☺	☺	☺																		
DNGG110402M-MN3	11.63	0.17	0.05-0.12	0.5-2.0																		☺	☺			
DNGG110404M-MN3	11.63	0.37	0.08-0.30	0.6-3.0																		☺	☺			
DNMG110408-MS3	11.63	0.8	0.12-0.30	0.8-2.5				☺				☺	☺									☺	☺			
DNMG150404-MS3	15.5	0.4	0.12-0.25	0.6-2.5								☺	☺									☺	☺			
DNMG150408-MS3	15.5	0.8	0.15-0.30	0.8-2.5								☺	☺									☺	☺			
DNMG150604-MS3	15.5	0.4	0.12-0.25	0.6-2.5								☺	☺									☺	☺			
DNMG150608-MS3	15.5	0.8	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

Negative rhombic 55° DNMG / DNGG / DNMA / DNMM Tiger-tec® Gold



Indexable inserts

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

See the ISO 1832 designation key for dimensions

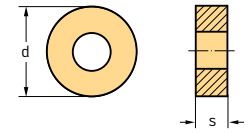
Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

HC = Coated carbide



HE = Coated cermet

HW = Uncoated carbide

Negative round RNMG / RNMA Tiger-tec® Gold



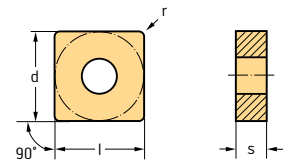
Indexable inserts

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





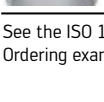


See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: RNMG120400-RP5 WPP20G

HC = Coated carbide
HW = Uncoated carbide

Negative square SNMG / SNMA / SNMM Tiger-tec® Gold



Indexable inserts

Designation	r mm	f mm	a _p mm	P				M			K		S					
				WPP05G	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
 SNMG120404-FM5	0,4	0,05–0,15	0,2–1,5					☑										
 SNMG120408-FM5	0,8	0,07–0,20	0,4–1,5					☑										
 SNMG120412-FM5	1,2	0,10–0,25	0,5–2,0			☑												
 SNMG090308-FP5	0,8	0,06–0,20	0,2–1,5	☑	☑													
 SNMG120404-FP5	0,4	0,04–0,22	0,1–1,8	☑	☑													
 SNMG120408-FP5	0,8	0,08–0,25	0,2–2,0	☑	☑													
 SNMG120412-FP5	1,2	0,10–0,25	0,5–2,5			☑												
SNMG090308-MP3	0,8	0,10–0,32	0,6–3,0	☑	☑													
SNMG120404-MP3	0,4	0,08–0,25	0,3–2,5			☑												
SNMG120408-MP3	0,8	0,12–0,35	0,6–3,2	☑	☑		☑											
SNMG120412-MP3	1,2	0,16–0,40	0,8–3,5	☑	☑													
SNMG120404-MM5	0,4	0,10–0,18	0,5–2,0					☑	☑	☑								
SNMG120408-MM5	0,8	0,15–0,25	0,8–3,0					☑	☑	☑								
SNMG120412-MM5	1,2	0,18–0,30	0,8–3,5			☑		☑	☑	☑								

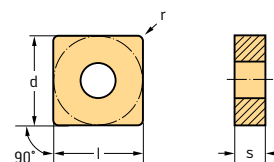
See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM10S: SNMG120404-FM5 WSM10S

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Optimum indexable insert for → Good = ☑ → Average = ☐ → Poor = ✖ machining conditions

Negative square SNMG / SNMA / SNMM Tiger-tec® Gold



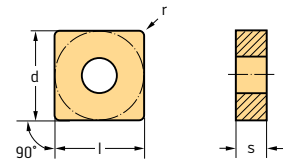
Indexable inserts

Designation	r mm	f mm	a _p mm	P					M					K		S				
				HC					HC					HC		HC				
				WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S	WS10
SNMG090308-MP5	0.8	0.14-0.32	0.6-3.0																	
SNMG120408-MP5	0.8	0.18-0.40	0.6-5.0																	
SNMG120412-MP5	1.2	0.20-0.45	1.0-5.0																	
SNMG120416-MP5	1.6	0.25-0.50	1.2-5.0																	
SNMG150608-MP5	0.8	0.25-0.50	0.8-8.0																	
SNMG150612-MP5	1.2	0.30-0.50	1.0-8.0																	
SNMG150616-MP5	1.6	0.35-0.55	1.2-8.0																	
SNMG120408-MU5	0.8	0.18-0.45	0.6-5.0																	
SNMG090308-MK5	0.8	0.10-0.20	0.2-3.0																	
SNMG120408-MK5	0.8	0.25-0.50	0.8-5.0																	
SNMG120412-MK5	1.2	0.30-0.50	1.2-5.0																	
SNMG120416-MK5	1.6	0.35-0.50	1.5-5.0																	
SNMG150612-MK5	1.2	0.30-0.60	1.2-7.0																	
SNMG150616-MK5	1.6	0.35-0.60	1.5-7.0																	
SNMG190612-MK5	1.2	0.30-0.65	1.2-8.0																	
SNMG190616-MK5	1.6	0.35-0.80	1.5-8.0																	
SNMG120408-NMS	0.8	0.12-0.35	0.8-3.5																	
SNMG120412-NMS	1.2	0.15-0.40	0.8-3.5																	
SNMG120416-NMS	1.6	0.18-0.45	1.0-3.5																	
SNMG120412-NRT	1.2	0.25-0.50	0.8-6.0																	
SNMG150612-NRT	1.2	0.30-0.60	1.0-7.5																	
SNMG190616-NRT	1.6	0.40-0.80	1.5-9.0																	
SNMG120408-NRS	0.8	0.20-0.40	0.8-5.0																	
SNMG120412-NRS	1.2	0.22-0.45	1.0-5.0																	
SNMG150616-NRS	1.6	0.24-0.55	1.2-7.0																	
SNMG190612-NRS	1.2	0.24-0.55	1.0-9.0																	
SNMG190616-NRS	1.6	0.27-0.60	1.2-9.0																	
SNMG120408-RM5	0.8	0.20-0.40	1.2-5.0																	
SNMG120412-RM5	1.2	0.25-0.50	1.5-5.0																	
SNMG120416-RM5	1.6	0.30-0.55	2.0-5.0																	
SNMG150612-RM5	1.2	0.25-0.60	1.5-7.0																	
SNMG150616-RM5	1.6	0.30-0.55	2.0-7.0																	
SNMG190612-RM5	1.2	0.25-0.60	1.5-8.0																	
SNMG190616-RM5	1.6	0.30-0.80	2.0-8.0																	

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

HC = Coated carbide
HW = Uncoated carbide

Negative square SNMG / SNMA / SNMM Tiger-tec® Gold



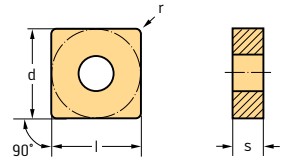
Indexable inserts

Designation	r mm	f mm	a _p mm	P				M				K		S				
				HC				HC				HC		HC				
				WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S
SNMG120408-RP5	0,8	0,20-0,55	0,8-6,0		⊕	⊕	⊕	⊕										
SNMG120412-RP5	1,2	0,25-0,65	1,0-6,0	⊕	⊕	⊕	⊕											
SNMG120416-RP5	1,6	0,35-0,75	1,6-6,0		⊕	⊕	⊕	⊕										
SNMG150612-RP5	1,2	0,25-0,70	1,2-8,0	⊕	⊕	⊕	⊕											
SNMG150616-RP5	1,6	0,35-0,80	1,6-8,0		⊕	⊕	⊕	⊕										
SNMG190612-RP5	1,2	0,30-0,70	1,2-10,0		⊕	⊕	⊕	⊕										
SNMG190616-RP5	1,6	0,35-0,80	1,6-10,0			⊕	⊕	⊕										
SNMG190624-RP5	2,4	0,44-1,20	2,0-10,0			⊕	⊕	⊕										
SNMG250924-RP5	2,4	0,55-1,20	2,5-12,0			⊕	⊕	⊕										
SNMG120408-RP7	0,8	0,25-0,45	0,8-5,0				⊕	⊕										
SNMG120412-RP7	1,2	0,30-0,50	1,2-5,0				⊕	⊕										
SNMG120416-RP7	1,6	0,35-0,60	1,5-5,0		⊕	⊕	⊕	⊕										
SNMG150612-RP7	1,2	0,35-0,60	1,2-6,0		⊕	⊕	⊕	⊕										
SNMG150616-RP7	1,6	0,40-0,70	1,5-6,0		⊕	⊕	⊕	⊕										
SNMG190612-RP7	1,2	0,35-0,60	1,2-7,0			⊕	⊕	⊕										
SNMG190616-RP7	1,6	0,40-0,70	1,5-7,0		⊕	⊕	⊕	⊕										
SNMG190624-RP7	2,4	0,40-0,80	2,5-7,0			⊕	⊕	⊕										
SNMG250924-RP7	2,4	0,55-1,00	3,0-10,0			⊕	⊕	⊕										
SNMA090308-RK5	0,8	0,20-0,45	0,6-4,0										⊕					
SNMA120408-RK5	0,8	0,25-0,50	0,8-5,0										⊕	⊕				
SNMA120412-RK5	1,2	0,30-0,60	1,2-5,0										⊕	⊕				
SNMA120416-RK5	1,6	0,35-0,70	1,5-5,0										⊕	⊕				
SNMA150612-RK5	1,2	0,30-0,65	1,2-7,0										⊕	⊕				
SNMA150616-RK5	1,6	0,35-0,80	1,5-7,0										⊕	⊕				
SNMA190616-RK5	1,6	0,35-0,80	1,5-8,0										⊕	⊕				
SNMA190624-RK5	2,4	0,40-0,90	2,5-8,0										⊕	⊕				
SNMA120412-RK7	1,2	0,30-0,60	1,2-5,0										⊕	⊕				
SNMA120416-RK7	1,6	0,35-0,70	1,5-5,0										⊕	⊕				
SNMA150616-RK7	1,6	0,35-0,80	1,5-7,0										⊕	⊕				
SNMA190616-RK7	1,6	0,35-0,80	1,5-8,0										⊕	⊕				
SNMM120408-HU3	0,8	0,30-0,50	0,8-7,0			⊕	⊕	⊕										
SNMM120412-HU3	1,2	0,35-0,70	1,2-7,0			⊕	⊕	⊕										
SNMM120416-HU3	1,6	0,40-0,90	1,6-7,0		⊕	⊕	⊕	⊕										
SNMM150612-HU3	1,2	0,35-0,75	1,2-9,0			⊕	⊕	⊕										
SNMM150616-HU3	1,6	0,40-0,90	1,6-9,0		⊕	⊕	⊕	⊕										
SNMM150624-HU3	2,4	0,45-1,10	2,0-9,0			⊕	⊕	⊕										
SNMM190612-HU3	1,2	0,35-0,75	1,2-10,0		⊕	⊕	⊕	⊕										
SNMM190616-HU3	1,6	0,40-1,00	1,6-10,0		⊕	⊕	⊕	⊕										
SNMM190624-HU3	2,4	0,45-1,20	2,0-10,0			⊕	⊕	⊕										
SNMM250724-HU3	2,4	0,55-1,20	2,5-12,0			⊕	⊕	⊕										
SNMM250916-HU3	1,6	0,45-1,00	1,6-12,0			⊕	⊕	⊕										
SNMM250924-HU3	2,4	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

Negative square
SNMG / SNMA / SNMM
Tiger-tec® Gold



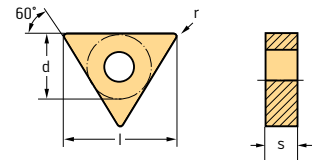
Indexable inserts

Designation	r mm	f mm	a _p mm	P				M				K		S			
				HC				HC				HC		HC			
				WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S
 SNMM120412-HU5	1,2	0,30-0,70	1,5-7,0			☉	☉									☉	☉
SNMM150612-HU5	1,2	0,35-0,70	1,5-9,0			☉	☉									☉	☉
SNMM190612-HU5	1,2	0,35-0,80	1,5-10,0			☉	☉									☉	☉
SNMM190616-HU5	1,6	0,40-1,00	2,0-10,0			☉	☉									☉	☉
SNMM190624-HU5	2,4	0,45-1,10	2,0-10,0			☉	☉									☉	☉
SNMM250924-HU5	2,4	0,50-1,20	2,5-12,0			☉	☉			☉	☉					☉	☉
 SNMM150616-HU7	1,6	0,45-1,00	2,0-12,0		☉	☉											
SNMM150624-HU7	2,4	0,50-1,40	2,5-12,0		☉	☉											
SNMM190612-HU7	1,2	0,50-1,00	2,0-13,0			☉	☉	☉									
SNMM190616-HU7	1,6	0,50-1,10	2,5-13,0			☉	☉	☉									
SNMM190624-HU7	2,4	0,60-1,60	3,0-13,0		☉	☉	☉										
SNMM250716-HU7	1,6	0,50-1,10	2,5-17,0			☉	☉										
SNMM250724-HU7	2,4	0,60-1,60	3,0-17,0			☉	☉										
SNMM250924-HU7	2,4	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

Negative triangular 60° TNMG / TNMA / TNMM Tiger-tec® Gold



Indexable inserts

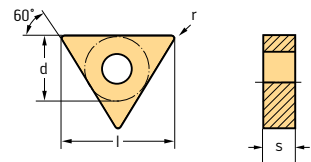
Designation	r mm	f mm	a _p mm	P						M				K			S			
				HC						HE				HC				HC		
				WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S
TNMG160404-FW5	0,4	0,10–0,40	0,3–3,0			☺	☺				☺							☺	☺	
TNMG160408-FW5	0,8	0,15–0,50	0,4–3,0			☺	☺				☺							☺	☺	
TNMG160404-FM5	0,4	0,05–0,15	0,2–1,0					☺			☺	☺						☺	☺	
TNMG160408-FM5	0,8	0,07–0,20	0,4–1,5					☺			☺	☺						☺	☺	
TNMG160412-FM5	1,2	0,10–0,25	0,5–2,0					☺			☺							☺	☺	
TNMG110304-FP5	0,4	0,04–0,15	0,1–1,2			☺														
TNMG110308-FP5	0,8	0,08–0,20	0,2–1,5			☺														
TNMG160404-FP5	0,4	0,04–0,20	0,1–1,5	☺		☺	☺								☺					
TNMG160408-FP5	0,8	0,08–0,25	0,2–2,0	☺		☺	☺							☺						
TNMG160412-FP5	1,2	0,10–0,25	0,5–2,5			☺	☺													
TNMG160404-MS3	0,4	0,12–0,25	0,6–3,0				☺											☺		
TNMG160408-MS3	0,8	0,15–0,30	0,8–3,0				☺			☺								☺	☺	
TNMG220404-MS3	0,4	0,12–0,25	0,6–3,0				☺											☺	☺	
TNMG220408-MS3	0,8	0,15–0,30	0,8–3,0				☺			☺								☺	☺	
TNMG160408-MW5	0,8	0,15–0,55	0,8–4,0			☺	☺								☺	☺				
TNMG160412-MW5	1,2	0,20–0,65	1,5–4,0			☺	☺								☺	☺				
TNMG160404-NMS	0,4	0,09–0,22	0,6–2,5								☺	☺						☺	☺	
TNMG160408-NMS	0,8	0,11–0,30	0,8–3,5								☺	☺	☺					☺	☺	
TNMG110304-MP3	0,4	0,06–0,18	0,3–2,0			☺	☺													
TNMG110308-MP3	0,8	0,10–0,25	0,6–2,2			☺	☺													
TNMG160304-MP3	0,4	0,08–0,22	0,3–2,2			☺	☺													
TNMG160404-MP3	0,4	0,08–0,22	0,3–2,2			☺	☺													
TNMG160408-MP3	0,8	0,12–0,32	0,6–3,0			☺	☺	☺												
TNMG160412-MP3	1,2	0,16–0,40	0,8–3,2			☺	☺	☺												
TNMG220408-MP3	0,8	0,12–0,32	0,6–3,2			☺	☺	☺												
TNMG220412-MP3	1,2	0,16–0,40	0,8–3,5			☺	☺	☺												
TNMG160404-MM5	0,4	0,10–0,18	0,5–2,0								☺	☺	☺	☺				☺	☺	
TNMG160408-MM5	0,8	0,15–0,25	0,8–3,0								☺	☺	☺	☺				☺	☺	
TNMG160412-MM5	1,2	0,18–0,30	0,8–3,5								☺	☺	☺	☺				☺	☺	
TNMG160416-MM5	1,6	0,20–0,35	1,0–4,0								☺	☺	☺	☺				☺	☺	

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

Negative triangular 60° TNMG / TNMA / TNMM Tiger-tec® Gold



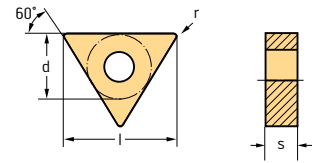
Indexable inserts

Designation	r mm	f mm	ap mm	P						M					K			S				
				HC						HE					HC					HC		
				WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
TNMG160308-MP5	0,8	0,18–0,35	0,6–4,0																			
TNMG160404-MP5	0,4	0,16–0,25	0,5–4,0																			
TNMG160408-MP5	0,8	0,18–0,35	0,6–4,0																			
TNMG160412-MP5	1,2	0,20–0,40	1,0–4,0																			
TNMG220404-MP5	0,4	0,16–0,25	0,7–4,0																			
TNMG220408-MP5	0,8	0,18–0,35	0,8–5,0																			
TNMG220412-MP5	1,2	0,20–0,40	1,0–5,0																			
TNMG220416-MP5	1,6	0,25–0,45	1,2–5,0																			
TNMG270608-MP5	0,8	0,25–0,45	0,8–7,0																			
TNMG270612-MP5	1,2	0,30–0,50	1,0–7,0																			
TNMG270616-MP5	1,6	0,35–0,55	1,2–7,0																			
TNMG160404-MU5	0,4	0,15–0,30	0,5–4,0																			
TNMG160408-MU5	0,8	0,18–0,35	0,6–4,0																			
TNMG160412-MU5	1,2	0,20–0,45	1,0–4,0																			
TNMG160404-MK5	0,4	0,16–0,25	0,6–4,0																			
TNMG160408-MK5	0,8	0,25–0,45	0,8–5,0																			
TNMG160412-MK5	1,2	0,30–0,45	1,2–5,0																			
TNMG160416-MK5	1,6	0,35–0,45	1,5–5,0																			
TNMG220408-MK5	0,8	0,25–0,45	1,0–6,0																			
TNMG220412-MK5	1,2	0,30–0,45	1,4–6,0																			
TNMG220416-MK5	1,6	0,35–0,45	1,6–6,0																			
TNMG270612-MK5	1,2	0,35–0,65	1,2–8,0																			
TNMG160412-NRS	1,2	0,25–0,50	1,5–4,5																			
TNMG160408-RM5	0,8	0,20–0,40	1,2–4,0																			
TNMG160412-RM5	1,2	0,25–0,50	1,5–4,0																			
TNMG220408-RM5	0,8	0,20–0,40	1,2–4,0																			
TNMG220412-RM5	1,2	0,25–0,55	1,5–5,0																			
TNMG160408-RP5	0,8	0,20–0,40	0,8–5,0																			
TNMG160412-RP5	1,2	0,25–0,55	1,0–5,0																			
TNMG220408-RP5	0,8	0,20–0,45	0,8–7,0																			
TNMG220412-RP5	1,2	0,25–0,60	1,0–7,0																			
TNMG220416-RP5	1,6	0,35–0,70	1,6–7,0																			
TNMG270612-RP5	1,2	0,30–0,70	1,6–10,0																			
TNMG270616-RP5	1,6	0,35–0,80	2,0–10,0																			
TNMG330924-RP5	2,4	0,45–1,20	2,5–13,0																			
TNMG270616-RP7	1,6	0,35–0,75	1,5–9,0																			
TNMG270624-RP7	2,4	0,55–1,00	3,0–9,0																			

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

HC = Coated carbide
HE = Coated cermet

**Negative triangular 60°
TNMG / TNMA / TNMM
Tiger-tec® Gold**



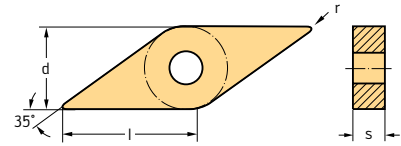
Indexable inserts

Designation	r mm	f mm	a _p mm	P						M					K			S		
				HC						HC					HC			HC		
				WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S
	TNMA160404-RK5	0,4	0,16-0,25	0,6-5,0																
	TNMA160408-RK5	0,8	0,25-0,45	0,8-5,0																
	TNMA160412-RK5	1,2	0,30-0,50	1,2-5,0																
	TNMA220408-RK5	0,8	0,25-0,45	1,0-6,0																
	TNMA220412-RK5	1,2	0,30-0,55	1,4-6,0																
	TNMA220416-RK5	1,6	0,35-0,60	1,6-6,0																
	TNMA160408-RK7	0,8	0,25-0,45	0,8-5,0																
	TNMA160412-RK7	1,2	0,30-0,50	1,2-5,0																
	TNMM160408-HU3	0,8	0,30-0,45	0,8-6,0																
	TNMM160412-HU3	1,2	0,35-0,50	1,2-6,0																
	TNMM220408-HU3	0,8	0,30-0,50	0,8-7,0																
	TNMM220412-HU3	1,2	0,35-0,60	1,2-7,0																
	TNMM220416-HU3	1,6	0,40-0,80	1,6-7,0																
	TNMM270612-HU3	1,2	0,35-0,65	1,2-8,0																
	TNMM270616-HU7	1,6	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

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



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	Material																		
					P						M				K		N		S				
					HC						HC				HC		HW		HC				
	WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WMP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	WS10	
VNMG160404-NFT	16,61	0,4	0,05-0,15	0,2-1,5																			
VNMG160408-NFT	16,61	0,8	0,07-0,18	0,3-2,0																			
VNGG160404-NFT	16,61	0,4	0,04-0,13	0,1-1,5																			
VNGG160408-NFT	16,61	0,8	0,06-0,16	0,2-2,0																			
VNGG160412-NFT	16,61	1,2	0,06-0,16	0,2-2,0																			
VNMG160402-FM5	16,61	0,2	0,03-0,10	0,1-1,0																			
VNMG160404-FM5	16,61	0,4	0,05-0,15	0,2-1,0																			
VNMG160408-FM5	16,61	0,8	0,07-0,20	0,4-1,5																			
VNMG160404-FP5	16,61	0,4	0,04-0,22	0,1-1,5	☺	☺	☺							☺									
VNMG160408-FP5	16,61	0,8	0,08-0,25	0,2-2,0	☺	☺	☺							☺									
VNMG160412-FP5	16,61	1,2	0,12-0,28	0,3-2,5		☺	☺																
VNGG160402M-MN3	16,61	0,17	0,05-0,12	0,5-2,0													☺	☺					
VNGG160404M-MN3	16,61	0,37	0,08-0,30	0,6-3,0													☺	☺					
VNMG160404-MS3	16,61	0,4	0,10-0,20	0,6-2,5						☺	☺								☺	☺			
VNMG160408-MS3	16,61	0,8	0,12-0,25	0,8-2,5						☺	☺								☺	☺			
VNGG160401-MS3	16,61	0,1	0,02-0,06	0,2-2,0						☺									☺				
VNGG160402-MS3	16,61	0,2	0,05-0,12	0,4-2,0						☺									☺				
VNGG160404-MS3	16,61	0,4	0,10-0,20	0,6-2,0						☺									☺				
VNMG160404-NMS	16,61	0,4	0,08-0,16	0,5-1,5						☺	☺								☺	☺			
VNMG160408-NMS	16,61	0,8	0,10-0,22	0,8-2,2						☺	☺								☺	☺			
VNMG160404-MP3	16,61	0,4	0,08-0,22	0,3-2,2			☺	☺															
VNMG160408-MP3	16,61	0,8	0,12-0,32	0,6-3,0			☺	☺	☺														
VNMG160412-MP3	16,61	1,2	0,16-0,35	0,8-3,2			☺	☺															
VNMG160404-MM5	16,61	0,4	0,10-0,18	0,5-2,0					☺										☺	☺	☺		☺
VNMG160408-MM5	16,61	0,8	0,15-0,25	0,8-3,0					☺	☺	☺	☺							☺	☺	☺		☺
VNMG160404-MP5	16,61	0,4	0,10-0,18	0,5-2,0			☺	☺	☺														
VNMG160408-MP5	16,61	0,8	0,18-0,35	0,6-4,0			☺	☺	☺	☺													
VNMG160412-MP5	16,61	1,2	0,20-0,40	0,8-4,0			☺	☺	☺														
VNMG220408-MP5	22,14	0,8	0,18-0,35	0,6-4,0			☺	☺															
VNMG160404-MK5	16,61	0,4	0,16-0,25	0,6-4,0											☺	☺							
VNMG160408-MK5	16,61	0,8	0,18-0,35	0,8-4,0											☺	☺							
VNMG160412-MK5	16,61	1,2	0,20-0,35	1,0-4,0											☺	☺							
VNMA160408-RK5	16,61	0,8	0,18-0,35	0,8-4,0											☺	☺							
VNMA160412-RK5	16,61	1,2	0,20-0,40	1,0-4,0											☺	☺							

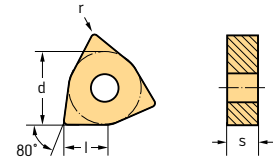
See the ISO 1832 designation key for dimensions
Ordering example for the grade WS10: VNMG160404-NFT WS10

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

Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap 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	WS10	
WNMG060404-FW5	6,52	0,4	0,10-0,35	0,3-2,0	☺	☺	☺	☺					☺	☺	☺	☺				☺	☺	☺					
	WNMG060408-FW5	6,52	0,8	0,15-0,50	0,4-2,0			☺	☺					☺	☺	☺					☺	☺	☺				
	WNMG080404-FW5	8,69	0,4	0,10-0,40	0,3-3,0	☺	☺	☺	☺					☺	☺	☺	☺					☺	☺	☺			
	WNMG080408-FW5	8,69	0,8	0,15-0,60	0,4-3,0	☺	☺	☺	☺					☺	☺	☺	☺						☺	☺	☺		
	WNMG080412-FW5	8,69	1,2	0,25-0,65	0,6-3,0	☺	☺	☺	☺					☺	☺	☺	☺							☺	☺	☺	
WNMG060404-FM5	6,52	0,4	0,05-0,15	0,2-1,0									☺	☺	☺				☺	☺	☺						
	WNMG060408-FM5	6,52	0,8	0,07-0,20	0,4-1,5									☺	☺	☺					☺	☺	☺				
	WNMG080404-FM5	8,69	0,4	0,05-0,15	0,2-1,5									☺	☺	☺				☺	☺	☺					
	WNMG080408-FM5	8,69	0,8	0,07-0,20	0,4-1,5									☺	☺	☺					☺	☺	☺				
	WNMG080412-FM5	8,69	1,2	0,10-0,25	0,5-2,0									☺	☺	☺						☺	☺	☺			
WNMG060404-FP5	6,52	0,4	0,04-0,20	0,1-1,5																							
	WNMG060408-FP5	6,52	0,8	0,08-0,25	0,2-2,0																						
	WNMG080404-FP5	8,69	0,4	0,05-0,20	0,1-1,5	☺	☺	☺	☺					☺	☺	☺											
	WNMG080408-FP5	8,69	0,8	0,08-0,25	0,2-2,0	☺	☺	☺	☺					☺	☺	☺											
	WNMG080412-FP5	8,69	1,2	0,10-0,25	0,5-2,5	☺	☺	☺	☺					☺	☺	☺											
WNMG060408-MW5	6,52	0,8	0,15-0,50	0,8-3,0																							
	WNMG060412-MW5	6,52	1,2	0,20-0,60	1,5-3,0																						
	WNMG080408-MW5	8,69	0,8	0,20-0,65	0,8-4,0	☺	☺	☺	☺					☺	☺	☺											
	WNMG080412-MW5	8,69	1,2	0,25-0,70	1,5-4,0	☺	☺	☺	☺					☺	☺	☺											
WNGG080404M-MN3	8,69	0,37	0,08-0,30	0,8-4,0																							
	WNGG080408M-MN3	8,69	0,77	0,10-0,40	1,0-4,0																						
WNMG080404-MS3	8,69	0,4	0,12-0,25	0,6-3,0																							
	WNMG080408-MS3	8,69	0,8	0,15-0,30	0,8-3,0																						
WNMG080408-NMT	8,69	0,8	0,12-0,30	0,8-4,0																							
WNMG060408-NMS	6,52	0,8	0,10-0,30	0,8-3,0																							
	WNMG080404-NMS	8,69	0,4	0,10-0,24	0,6-2,5																						
	WNMG080408-NMS	8,69	0,8	0,13-0,32	0,8-3,5																						
WNMG060404-MP3	6,52	0,4	0,08-0,22	0,3-2,2																							
	WNMG060408-MP3	6,52	0,8	0,12-0,32	0,6-3,0																						
	WNMG060412-MP3	6,52	1,2	0,16-0,35	0,8-3,2																						
	WNMG080404-MP3	8,69	0,4	0,08-0,22	0,3-2,5																						
	WNMG080408-MP3	8,69	0,8	0,12-0,32	0,6-3,2	☺	☺	☺	☺																		
	WNMG080412-MP3	8,69	1,2	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

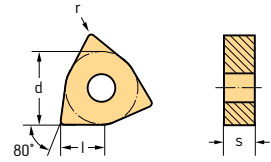
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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







Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P								M				K			N		S						
					HC								HE	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	WS10		
	WNMG060404-MM5	6,52	0,4	0,10-0,18	0,5-2,0																							
	WNMG060408-MM5	6,52	0,8	0,15-0,25	0,8-2,5																							
	WNMG060412-MM5	6,52	1,2	0,18-0,30	0,8-3,0																							
	WNMG080404-MM5	8,69	0,4	0,10-0,20	0,5-3,0																							
	WNMG080408-MM5	8,69	0,8	0,15-0,32	0,8-3,0																							
	WNMG080412-MM5	8,69	1,2	0,15-0,35	0,8-3,5																							
	WNMG080416-MM5	8,69	1,6	0,15-0,40	1,0-4,0																							
	WNMG100608-MM5	10,86	0,8	0,18-0,40	0,8-4,5																							
WNMG100612-MM5	10,86	1,2	0,20-0,45	0,8-4,5																								
	WNMG060404-MP5	6,52	0,4	0,16-0,25	0,5-4,0																							
	WNMG060408-MP5	6,52	0,8	0,18-0,35	0,6-4,0																							
	WNMG060412-MP5	6,52	1,2	0,20-0,40	1,0-4,0																							
	WNMG080404-MP5	8,69	0,4	0,16-0,25	0,5-4,0																							
	WNMG080408-MP5	8,69	0,8	0,18-0,40	0,6-5,0																							
	WNMG080412-MP5	8,69	1,2	0,20-0,45	1,0-5,0																							
	WNMG080416-MP5	8,69	1,6	0,25-0,50	1,2-5,0																							
	WNMG100608-MP5	10,86	0,8	0,25-0,40	0,8-7,0																							
WNMG100612-MP5	10,86	1,2	0,30-0,50	1,0-7,0																								
	WNMG060408-MU5	6,52	0,8	0,15-0,35	0,6-3,0																							
	WNMG080404-MU5	8,69	0,4	0,15-0,30	0,5-4,0																							
	WNMG080408-MU5	8,69	0,8	0,15-0,40	0,6-5,0																							
	WNMG080412-MU5	8,69	1,2	0,20-0,50	1,0-5,0																							
	WNMG080416-MU5	8,69	1,6	0,25-0,55	1,2-5,0																							
	WNMG060404-MK5	6,52	0,4	0,16-0,25	0,6-4,0																							
	WNMG060408-MK5	6,52	0,8	0,20-0,40	0,8-4,0																							
	WNMG060412-MK5	6,52	1,2	0,16-0,45	0,6-4,0																							
	WNMG080404-MK5	8,69	0,4	0,16-0,25	0,6-5,0																							
	WNMG080408-MK5	8,69	0,8	0,20-0,45	1,2-5,0																							
	WNMG080412-MK5	8,69	1,2	0,22-0,50	1,5-5,0																							
	WNMG080416-MK5	8,69	1,6	0,25-0,55	2,0-5,0																							
	WNMG100608-MK5	10,86	0,8	0,25-0,50	0,8-7,0																							
	WNMG100612-MK5	10,86	1,2	0,30-0,60	1,2-7,0																							
WNMG100616-MK5	10,86	1,6	0,35-0,60	1,5-7,0																								
	WNMG080408-NRS	8,69	0,8	0,16-0,35	1,0-4,0																							
	WNMG080412-NRS	8,69	1,2	0,18-0,40	1,2-4,0																							
	WNMG060408-RM5	6,52	0,8	0,20-0,40	1,2-3,5																							
	WNMG080408-RM5	8,69	0,8	0,20-0,40	1,2-4,5																							
	WNMG080412-RM5	8,69	1,2	0,25-0,50	1,5-4,5																							

See the ISO 1832 designation key for dimensions

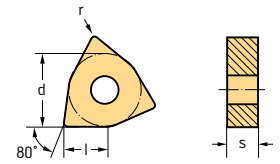
Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

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

Negative Trigon 80°

WNMG / WNGG / WNMA / WNMM

Tiger-tec® Gold



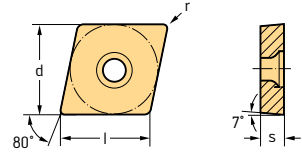
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P								M				K			N		S			
					HC								HE	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
	WNMG060408-RP5	6,52	0,8	0,20-0,40	0,8-4,0			☺	☺	☺	☺														
	WNMG060412-RP5	6,52	1,2	0,25-0,50	1,0-4,0			☺	☺	☺	☺														
	WNMG080408-RP5	8,69	0,8	0,20-0,40	0,8-6,0	☺	☺	☺	☺	☺	☺														
	WNMG080412-RP5	8,69	1,2	0,25-0,60	1,0-6,0	☺	☺	☺	☺	☺	☺														
	WNMG080416-RP5	8,69	1,6	0,35-0,70	1,6-6,0	☺	☺	☺	☺	☺	☺														
	WNMG100612-RP5	10,86	1,2	0,35-0,65	1,2-8,0			☺	☺	☺	☺														
	WNMG100616-RP5	10,86	1,6	0,35-0,70	1,6-8,0			☺	☺	☺	☺														
	WNMG080408-RP7	8,69	0,8	0,18-0,40	0,8-5,0			☺	☺	☺	☺														
	WNMG080412-RP7	8,69	1,2	0,25-0,50	1,2-5,0			☺	☺	☺	☺														
	WNMG100608-RP7	10,86	0,8	0,30-0,50	0,8-6,0				☺	☺	☺														
	WNMG100612-RP7	10,86	1,2	0,35-0,60	1,2-6,0				☺	☺	☺														
	WNMG100616-RP7	10,86	1,6	0,40-0,60	1,5-6,0					☺	☺														
	WNMA060404-RK5	6,52	0,4	0,16-0,25	0,6-4,0																				
	WNMA060408-RK5	6,52	0,8	0,20-0,40	0,8-4,0																				
	WNMA060412-RK5	6,52	1,2	0,22-0,50	1,2-4,0																				
	WNMA080404-RK5	8,69	0,4	0,16-0,25	0,6-5,0																				
	WNMA080408-RK5	8,69	0,8	0,20-0,45	1,2-5,0																				
	WNMA080412-RK5	8,69	1,2	0,22-0,50	1,5-5,0																				
	WNMA100612-RK5	10,86	1,2	0,25-0,60	1,5-6,0																				
	WNMA100616-RK5	10,86	1,6	0,30-0,65	1,5-6,0																				
	WNMA080408-RK7	8,69	0,8	0,20-0,45	1,2-5,0																				
	WNMA080412-RK7	8,69	1,2	0,22-0,50	1,5-5,0																				
	WNMM080412-HU3	8,69	1,2	0,35-0,60	1,2-6,0					☺	☺														
	WNMM100612-HU3	10,86	1,2	0,35-0,70	1,2-8,0					☺	☺														
	WNMM100616-HU3	10,86	1,6	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

**Positive rhombic 80°
CCMT / CCGT / CCMW
Tiger-tec® Gold**



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M				K			N		S			
					HC						HE	HC				HC			HC	HW	HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S
CCMT060202-FW4	6,45	0,2	0,03-0,15	0,1-1,5																			
CCMT060204-FW4	6,45	0,4	0,05-0,30	0,2-2,0	☹	☹	☹					☹	☹	☹	☹					☹	☹	☹	
CCMT060208-FW4	6,45	0,8	0,09-0,35	0,3-2,0	☹	☹	☹					☹	☹	☹	☹					☹	☹	☹	
CCMT09T302-FW4	9,67	0,2	0,03-0,15	0,1-2,0																			
CCMT09T304-FW4	9,67	0,4	0,07-0,30	0,2-2,5	☹	☹	☹					☹	☹	☹	☹					☹	☹	☹	
CCMT09T308-FW4	9,67	0,8	0,12-0,50	0,3-2,5	☹	☹	☹					☹	☹	☹	☹					☹	☹	☹	
CCGT060202-FL2	6,45	0,2	0,04-0,10	0,1-1,0			☹																
CCGT060204-FL2	6,45	0,4	0,06-0,15	0,2-1,5			☹	☹															
CCGT09T302-FL2	9,67	0,2	0,04-0,10	0,1-1,0			☹																
CCGT09T304-FL2	9,67	0,4	0,06-0,15	0,2-1,5			☹	☹															
CCGT060201-FN2	6,45	0,1	0,02-0,06	0,1-1,5															☹				
CCGT060202-FN2	6,45	0,2	0,05-0,12	0,2-2,0															☹	☹			
CCGT060204-FN2	6,45	0,4	0,08-0,25	0,2-2,5															☹	☹			
CCGT09T301-FN2	9,67	0,1	0,02-0,06	0,1-1,5															☹	☹			
CCGT09T302-FN2	9,67	0,2	0,05-0,12	0,2-2,0															☹	☹			
CCGT09T304-FN2	9,67	0,4	0,08-0,25	0,2-2,5															☹	☹			
CCGT09T308-FN2	9,67	0,8	0,10-0,30	0,3-3,0															☹	☹			
CCGT120404-FN2	12,9	0,4	0,08-0,25	0,2-3,0															☹	☹			
CCGT120408-FN2	12,9	0,8	0,10-0,30	0,3-3,5															☹	☹			
CCGT060201-FM2	6,45	0,1	0,02-0,06	0,1-1,5															☹				
CCGT060202-FM2	6,45	0,2	0,05-0,12	0,2-2,0															☹				
CCGT060204-FM2	6,45	0,4	0,08-0,25	0,2-2,5															☹				
CCGT09T301-FM2	9,67	0,1	0,02-0,06	0,1-1,5															☹				
CCGT09T302-FM2	9,67	0,2	0,05-0,12	0,2-2,0															☹				
CCGT09T304-FM2	9,67	0,4	0,08-0,25	0,2-2,5															☹				
CCGT09T308-FM2	9,67	0,8	0,10-0,30	0,3-3,0															☹				
CCGT120404-FM2	12,9	0,4	0,08-0,25	0,2-3,0															☹				
CCGT120408-FM2	12,9	0,8	0,10-0,30	0,3-3,5															☹				
CCGT060201M-FP2	6,45	0,07	0,02-0,06	0,1-1,5															☹				
CCGT060202M-FP2	6,45	0,17	0,05-0,12	0,2-2,0															☹				
CCGT060204M-FP2	6,45	0,37	0,08-0,25	0,2-2,5															☹				
CCGT09T301M-FP2	9,67	0,07	0,02-0,06	0,1-1,5															☹				
CCGT09T302M-FP2	9,67	0,17	0,05-0,12	0,2-2,0															☹				
CCGT09T304M-FP2	9,67	0,37	0,08-0,25	0,2-2,5															☹				
CCGT09T308M-FP2	9,67	0,77	0,10-0,30	0,3-3,0															☹				
CCMT060202-FM4	6,45	0,2	0,04-0,12	0,1-1,0			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT060204-FM4	6,45	0,4	0,05-0,16	0,1-1,5			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT060208-FM4	6,45	0,8	0,08-0,20	0,1-1,5			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT09T302-FM4	9,67	0,2	0,04-0,12	0,1-1,0			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT09T304-FM4	9,67	0,4	0,05-0,16	0,1-1,5			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT09T308-FM4	9,67	0,8	0,08-0,20	0,1-1,5			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT120404-FM4	12,9	0,4	0,05-0,16	0,1-1,5			☹					☹	☹	☹	☹					☹	☹	☹	
CCMT120408-FM4	12,9	0,8	0,08-0,20	0,1-1,5			☹					☹	☹	☹	☹					☹	☹	☹	

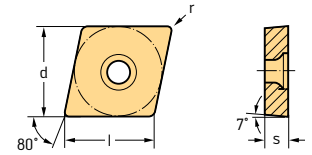
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

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

WALTER SELECT

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

Positive rhombic 80°
CCMT / CCGT / CCMW
Tiger-tec® Gold



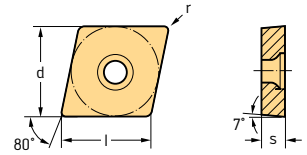
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P					M					K			N		S						
					HC					HE					HC					HC		HW		HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S		
CCMT060202-FP4	6.45	0.2	0.04-0.12	0.1-1.0	☉	☉	☉			☉					☉											
CCMT060204-FP4	6.45	0.4	0.05-0.16	0.1-1.5	☉	☉	☉			☉					☉											
CCMT060208-FP4	6.45	0.8	0.08-0.20	0.1-1.5	☉	☉	☉			☉					☉											
CCMT09T302-FP4	9.67	0.2	0.04-0.12	0.1-1.0	☉	☉	☉			☉					☉											
CCMT09T304-FP4	9.67	0.4	0.05-0.16	0.1-1.5	☉	☉	☉			☉					☉											
CCMT09T308-FP4	9.67	0.8	0.08-0.20	0.1-1.5	☉	☉	☉			☉					☉											
CCMT120404-FP4	12.9	0.4	0.05-0.16	0.1-1.5	☉	☉	☉								☉											
CCMT120408-FP4	12.9	0.8	0.08-0.20	0.1-1.5		☉	☉																			
CCMT060204-FM6	6.45	0.4	0.08-0.25	0.3-1.6									☉	☉							☉	☉				
CCMT060208-FM6	6.45	0.8	0.12-0.30	0.5-1.6									☉	☉							☉	☉				
CCMT09T304-FM6	9.67	0.4	0.08-0.25	0.3-2.0									☉	☉							☉	☉				
CCMT09T308-FM6	9.67	0.8	0.12-0.32	0.5-2.0									☉	☉							☉	☉				
CCMT120408-FM6	12.9	0.8	0.12-0.32	0.5-2.5									☉	☉							☉	☉				
CCMT060204-FP6	6.45	0.4	0.06-0.18	0.3-2.0		☉	☉																			
CCMT060208-FP6	6.45	0.8	0.10-0.20	0.5-2.0		☉	☉																			
CCMT09T304-FP6	9.67	0.4	0.08-0.20	0.3-2.0		☉	☉																			
CCMT09T308-FP6	9.67	0.8	0.12-0.32	0.5-2.0		☉	☉																			
CCMT120404-FP6	12.9	0.4	0.10-0.25	0.3-2.5			☉																			
CCMT120408-FP6	12.9	0.8	0.12-0.32	0.5-2.5			☉																			
CCMT060204-FK6	6.45	0.4	0.06-0.18	0.3-2.0											☉	☉										
CCMT060208-FK6	6.45	0.8	0.10-0.20	0.5-2.0											☉	☉										
CCMT09T304-FK6	9.67	0.4	0.08-0.20	0.3-2.0											☉	☉										
CCMT09T308-FK6	9.67	0.8	0.10-0.25	0.5-2.0											☉	☉										
CCMT120404-FK6	12.9	0.4	0.10-0.25	0.3-2.5											☉	☉										
CCMT120408-FK6	12.9	0.8	0.12-0.32	0.5-2.5											☉	☉										
CCMT09T304-MW4	9.67	0.4	0.12-0.40	0.5-4.0		☉	☉								☉	☉					☉					
CCMT09T308-MW4	9.67	0.8	0.15-0.50	0.7-4.0		☉	☉								☉	☉					☉					
CCMT09T312-MW4	9.67	1.2	0.17-0.55	0.8-4.0			☉								☉	☉										
CCMT120404-MW4	12.9	0.4	0.12-0.40	0.5-4.5			☉								☉	☉										
CCMT120408-MW4	12.9	0.8	0.17-0.55	0.7-4.5		☉	☉								☉	☉					☉					
CCMT120412-MW4	12.9	1.2	0.17-0.55	0.8-4.5			☉								☉	☉										
CCGT060201-MN2	6.45	0.1	0.02-0.06	0.5-1.5																☉	☉					
CCGT060202-MN2	6.45	0.2	0.05-0.12	0.5-2.0																☉	☉	☉				
CCGT060204-MN2	6.45	0.4	0.08-0.25	0.6-3.0																☉	☉	☉				
CCGT09T301-MN2	9.67	0.1	0.02-0.06	0.5-1.5																☉	☉	☉				
CCGT09T302-MN2	9.67	0.2	0.05-0.12	0.5-2.0																☉	☉	☉				
CCGT09T304-MN2	9.67	0.4	0.08-0.25	0.6-4.0																☉	☉	☉				
CCGT09T308-MN2	9.67	0.8	0.10-0.35	0.8-4.0																☉	☉	☉				
CCGT120402-MN2	12.9	0.2	0.05-0.12	0.5-2.0																☉	☉	☉				
CCGT120404-MN2	12.9	0.4	0.08-0.25	0.6-5.0																☉	☉	☉				
CCGT120408-MN2	12.9	0.8	0.10-0.35	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

Positive rhombic 80°
CCMT / CCGT / CCMW
Tiger-tec® Gold



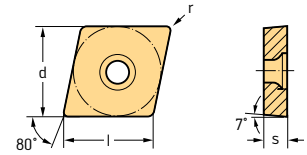
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M					K			N		S			
					HC						HE	HC					HC			HC	HW	HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S
CCMT060204-MM4	6,45	0,4	0,08-0,20	0,4-2,0				☉				☉	☉	☉	☉						☉	☉	☉	
CCMT060208-MM4	6,45	0,8	0,12-0,25	0,5-2,0				☉				☉	☉	☉	☉						☉	☉	☉	
CCMT09T304-MM4	9,67	0,4	0,08-0,25	0,4-3,0				☉	☉			☉	☉	☉	☉						☉	☉	☉	
CCMT09T308-MM4	9,67	0,8	0,12-0,32	0,5-3,0				☉	☉			☉	☉	☉	☉						☉	☉	☉	
CCMT120404-MM4	12,9	0,4	0,12-0,25	0,4-3,5				☉				☉	☉	☉	☉						☉	☉	☉	
CCMT120408-MM4	12,9	0,8	0,12-0,32	0,5-3,5				☉				☉	☉	☉	☉						☉	☉	☉	
CCGT060204-MM4	6,45	0,4	0,08-0,20	0,4-2,0								☉									☉		☉	
CCGT060208-MM4	6,45	0,8	0,12-0,25	0,5-2,0								☉									☉		☉	
CCGT09T304-MM4	9,67	0,4	0,08-0,25	0,4-3,0								☉									☉		☉	
CCGT09T308-MM4	9,67	0,8	0,12-0,32	0,5-3,0								☉									☉		☉	
CCGT120408-MM4	12,9	0,8	0,12-0,32	0,5-3,5								☉									☉		☉	
CCMT060204-MP4	6,45	0,4	0,08-0,20	0,4-2,0		☉	☉																	
CCMT060208-MP4	6,45	0,8	0,12-0,25	0,5-2,0		☉	☉																	
CCMT09T304-MP4	9,67	0,4	0,08-0,25	0,4-3,0		☉	☉																	
CCMT09T308-MP4	9,67	0,8	0,12-0,32	0,5-3,0		☉	☉																	
CCMT120404-MP4	12,9	0,4	0,12-0,25	0,4-3,5		☉	☉																	
CCMT120408-MP4	12,9	0,8	0,12-0,32	0,5-3,5		☉	☉																	
CCGT060204-MP4	6,45	0,4	0,08-0,20	0,4-2,0			☉																	
CCGT09T304-MP4	9,67	0,4	0,08-0,25	0,4-3,0			☉	☉																
CCGT09T308-MP4	9,67	0,8	0,12-0,32	0,5-3,0			☉	☉																
CCGT120408-MP4	12,9	0,8	0,12-0,32	0,5-3,5			☉	☉																
CCMT060204-MP6	6,45	0,4	0,10-0,20	0,4-2,5		☉	☉		☉															
CCMT090304-MP6	9,67	0,4	0,10-0,25	0,4-3,5			☉																	
CCMT090308-MP6	9,67	0,8	0,15-0,32	0,6-3,5			☉																	
CCMT09T304-MP6	9,67	0,4	0,08-0,25	0,4-3,0		☉	☉		☉															
CCMT09T308-MP6	9,67	0,8	0,12-0,32	0,5-3,0		☉	☉		☉															
CCMT120408-MP6	12,9	0,8	0,15-0,35	0,6-4,0		☉	☉		☉															
CCMT160508-MP6	16,12	0,8	0,15-0,40	0,8-4,0			☉		☉															
CCMT060204-MK4	6,45	0,4	0,08-0,20	0,4-2,0													☉	☉						
CCMT060208-MK4	6,45	0,8	0,12-0,25	0,5-2,0													☉	☉						
CCMT09T304-MK4	9,67	0,4	0,08-0,25	0,4-3,0													☉	☉						
CCMT09T308-MK4	9,67	0,8	0,12-0,32	0,5-3,0													☉	☉						
CCMT120404-MK4	12,9	0,4	0,12-0,25	0,4-3,5													☉	☉						
CCMT120408-MK4	12,9	0,8	0,12-0,32	0,5-3,5													☉	☉						
CCGT060204-MK4	6,45	0,4	0,08-0,20	0,4-2,0													☉	☉						
CCGT060208-MK4	6,45	0,8	0,12-0,25	0,5-2,0													☉	☉						
CCGT09T304-MK4	9,67	0,4	0,08-0,25	0,4-3,0													☉	☉						
CCGT09T308-MK4	9,67	0,8	0,12-0,32	0,5-3,0													☉	☉						
CCGT120408-MK4	12,9	0,8	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
 HW = Uncoated carbide

**Positive rhombic 80°
CCMT / CCGT / CCMW
Tiger-tec® Gold**



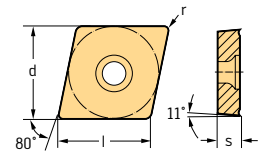
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P					M				K			N		S					
					HC					HE				HC				HC		HW		HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S
CCMT060204-RM4	6,45	0,4	0,12-0,25	0,4-2,5								☉	☉	☉	☉					☉	☉	☉		
CCMT060208-RM4	6,45	0,8	0,16-0,30	0,6-2,5								☉	☉	☉	☉					☉	☉	☉		
CCMT09T304-RM4	9,67	0,4	0,12-0,25	0,4-3,0								☉	☉	☉	☉					☉	☉	☉		
CCMT09T308-RM4	9,67	0,8	0,16-0,35	0,6-4,0								☉	☉	☉	☉					☉	☉	☉		
CCMT120404-RM4	12,9	0,4	0,12-0,25	0,4-3,0								☉	☉	☉	☉					☉	☉	☉		
CCMT120408-RM4	12,9	0,8	0,16-0,40	0,6-5,0								☉	☉	☉	☉					☉	☉	☉		
CCMT120412-RM4	12,9	1,2	0,20-0,50	0,8-5,0				☉				☉	☉	☉	☉					☉	☉	☉		
CCMT060204-RP4	6,45	0,4	0,12-0,25	0,4-2,5	☉	☉																		
CCMT060208-RP4	6,45	0,8	0,16-0,30	0,6-2,5	☉	☉																		
CCMT09T304-RP4	9,67	0,4	0,12-0,25	0,4-3,0	☉	☉																		
CCMT09T308-RP4	9,67	0,8	0,16-0,35	0,6-4,0	☉	☉																		
CCMT120404-RP4	12,9	0,4	0,12-0,30	0,4-4,0	☉	☉																		
CCMT120408-RP4	12,9	0,8	0,16-0,40	0,6-5,0	☉	☉																		
CCMT120412-RP4	12,9	1,2	0,20-0,50	0,8-5,0	☉	☉																		
CCMT060204-RK4	6,45	0,4	0,12-0,25	0,4-2,5												☉	☉							
CCMT060208-RK4	6,45	0,8	0,16-0,30	0,6-2,5												☉	☉							
CCMT09T304-RK4	9,67	0,4	0,12-0,25	0,4-3,0												☉	☉							
CCMT09T308-RK4	9,67	0,8	0,16-0,35	0,6-4,0												☉	☉							
CCMT120404-RK4	12,9	0,4	0,12-0,30	0,4-4,0												☉	☉							
CCMT120408-RK4	12,9	0,8	0,16-0,40	0,6-5,0												☉	☉							
CCMT120412-RK4	12,9	1,2	0,20-0,50	0,8-5,0												☉	☉							
CCMW060202-RK6	6,45	0,2	0,08-0,12	0,2-2,5												☉	☉							
CCMW060204-RK6	6,45	0,4	0,12-0,25	0,4-2,5												☉	☉							
CCMW060208-RK6	6,45	0,8	0,16-0,30	0,5-2,5												☉	☉							
CCMW09T304-RK6	9,67	0,4	0,12-0,25	0,4-3,0												☉	☉							
CCMW09T308-RK6	9,67	0,8	0,16-0,35	0,5-4,0												☉	☉							
CCMW120408-RK6	12,9	0,8	0,16-0,40	0,6-5,0												☉	☉							
CCMW120412-RK6	12,9	1,2	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

Positive rhombic 80°
CPGT / CPMT / CPMW
Tiger-tec® Gold



Indexable inserts

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

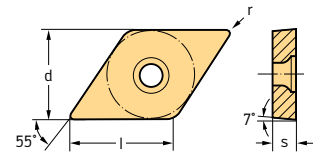
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WEP10C: CPGT050202M-FP2 WEP10C

HC = Coated carbide
 HE = Coated cermet

WALTER SELECT

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

Positive rhombic 55°
DCMT / DCGT / DCMW
Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P			M			K			N		S						
					HC			HC			HC			HC	HW	HC						
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S
DCMT070202-FW4	7,75	0,2	0,03-0,15	0,1-1,5																		
DCMT070204-FW4	7,75	0,4	0,05-0,25	0,2-2,0	☺	☺	☺													☺	☺	☺
DCMT070208-FW4	7,75	0,8	0,09-0,35	0,3-2,0		☺	☺														☺	☺
DCMT11T302-FW4	11,63	0,2	0,03-0,15	0,1-2,0			☺														☺	☺
DCMT11T304-FW4	11,63	0,4	0,07-0,30	0,2-2,5	☺	☺	☺														☺	☺
DCMT11T308-FW4	11,63	0,8	0,12-0,40	0,3-2,5	☺	☺	☺														☺	☺
DCGT11T302-FL2	11,63	0,2	0,04-0,10	0,1-1,0																	☺	
DCGT11T304-FL2	11,63	0,4	0,06-0,15	0,2-1,5			☺														☺	
DCGT11T308-FL2	11,63	0,8	0,08-0,20	0,3-1,5			☺														☺	
DCGT070201-FN2	7,75	0,1	0,02-0,06	0,1-1,5																	☺	
DCGT070202-FN2	7,75	0,2	0,05-0,12	0,2-2,0																	☺	
DCGT070204-FN2	7,75	0,4	0,08-0,25	0,2-2,5																	☺	
DCGT11T301-FN2	11,63	0,1	0,02-0,06	0,1-1,5																	☺	
DCGT11T302-FN2	11,63	0,2	0,05-0,12	0,2-2,0																	☺	
DCGT11T304-FN2	11,63	0,4	0,08-0,25	0,2-2,5																	☺	
DCGT11T308-FN2	11,63	0,8	0,10-0,30	0,3-3,0																	☺	
DCGT070201-FM2	7,75	0,1	0,02-0,06	0,1-1,5																	☺	
DCGT070202-FM2	7,75	0,2	0,05-0,12	0,2-2,0																	☺	
DCGT070204-FM2	7,75	0,4	0,08-0,25	0,2-2,5																	☺	
DCGT11T301-FM2	11,63	0,1	0,02-0,06	0,1-1,5																	☺	
DCGT11T302-FM2	11,63	0,2	0,05-0,12	0,2-2,0																	☺	
DCGT11T304-FM2	11,63	0,4	0,08-0,25	0,2-2,5																	☺	
DCGT11T308-FM2	11,63	0,8	0,10-0,30	0,3-3,0																	☺	
DCGT070202M-FP2	7,75	0,17	0,05-0,12	0,2-2,0																	☺	
DCGT070204M-FP2	7,75	0,37	0,08-0,25	0,2-2,5																	☺	
DCGT11T3005M-FP2	11,63	0,03	0,01-0,04	0,1-1,0																	☺	
DCGT11T301M-FP2	11,63	0,07	0,02-0,06	0,1-1,5																	☺	
DCGT11T302M-FP2	11,63	0,17	0,05-0,12	0,2-2,0																	☺	
DCGT11T304M-FP2	11,63	0,37	0,08-0,25	0,2-2,5																	☺	
DCGT11T308M-FP2	11,63	0,77	0,10-0,30	0,3-3,0																	☺	
DCMT070202-FM4	7,75	0,2	0,04-0,12	0,1-1,0																	☺	
DCMT070204-FM4	7,75	0,4	0,05-0,16	0,1-1,5				☺													☺	
DCMT070208-FM4	7,75	0,8	0,08-0,20	0,1-1,5																	☺	
DCMT11T302-FM4	11,63	0,2	0,04-0,12	0,1-1,0				☺													☺	
DCMT11T304-FM4	11,63	0,4	0,05-0,16	0,1-1,5				☺													☺	
DCMT11T308-FM4	11,63	0,8	0,08-0,20	0,1-1,5				☺													☺	
DCMT070202-FP4	7,75	0,2	0,04-0,12	0,1-1,0	☺	☺	☺														☺	
DCMT070204-FP4	7,75	0,4	0,05-0,16	0,1-1,5	☺	☺	☺														☺	
DCMT070208-FP4	7,75	0,8	0,08-0,20	0,1-1,5	☺	☺	☺														☺	
DCMT11T302-FP4	11,63	0,2	0,04-0,12	0,1-1,0	☺	☺	☺														☺	
DCMT11T304-FP4	11,63	0,4	0,05-0,16	0,1-1,5	☺	☺	☺														☺	
DCMT11T308-FP4	11,63	0,8	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

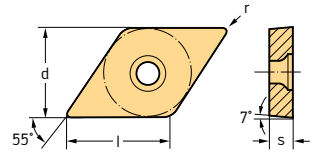
WALTER SELECT

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

Positive rhombic 55°

DCMT / DCGT / DCMW

Tiger-tec® Gold



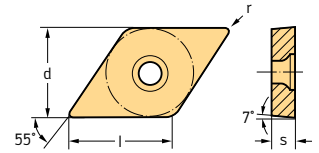
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M					K			N		S									
					HC	HE	WSM01	WSM10S	WSM20S	WSM30S	WSM30S	WSM30S	HC	HC	HW	WSM01	WSM10S	WSM20S	WSM30S											
	DCMT070204-FM6	7,75	0,4	0,08-0,25	0,3-1,6																									
	DCMT11T304-FM6	11,63	0,4	0,08-0,25	0,3-2,0																									
	DCMT11T308-FM6	11,63	0,8	0,12-0,32	0,6-2,0																									
	DCMT070204-FP6	7,75	0,4	0,06-0,18	0,3-2,0	⊕	⊕																							
	DCMT11T304-FP6	11,63	0,4	0,08-0,20	0,3-2,0	⊕	⊕																							
	DCMT11T308-FP6	11,63	0,8	0,10-0,25	0,5-2,0	⊕	⊕																							
	DCMT070204-FK6	7,75	0,4	0,06-0,18	0,3-2,0												⊕	⊕												
	DCMT11T304-FK6	11,63	0,4	0,08-0,20	0,3-2,0												⊕	⊕												
	DCMT11T308-FK6	11,63	0,8	0,10-0,25	0,5-2,0												⊕	⊕												
	DCMT11T304-MW4	11,63	0,4	0,12-0,40	0,5-4,0	⊕	⊕										⊕	⊕												
	DCMT11T308-MW4	11,63	0,8	0,15-0,50	0,5-4,0	⊕	⊕										⊕	⊕												
Wiper																														
	DCGT070201-MN2	7,75	0,1	0,02-0,06	0,5-1,5																⊕	⊕								
	DCGT070202-MN2	7,75	0,2	0,05-0,12	0,5-2,0						⊕										⊕	⊕	⊕							
	DCGT070204-MN2	7,75	0,4	0,08-0,25	0,6-2,5						⊕										⊕	⊕	⊕	⊕						
	DCGT11T301-MN2	11,63	0,1	0,02-0,06	0,5-1,5						⊕											⊕	⊕							
	DCGT11T302-MN2	11,63	0,2	0,05-0,12	0,5-2,0						⊕											⊕	⊕	⊕	⊕					
	DCGT11T304-MN2	11,63	0,4	0,08-0,25	0,6-3,0						⊕											⊕	⊕	⊕	⊕					
	DCGT11T308-MN2	11,63	0,8	0,10-0,30	0,8-3,5						⊕											⊕	⊕	⊕	⊕					
	DCMT070204-MM4	7,75	0,4	0,08-0,20	0,4-2,0												⊕	⊕									⊕	⊕		
	DCMT070208-MM4	7,75	0,8	0,12-0,25	0,5-2,0												⊕	⊕									⊕	⊕		
	DCMT11T302-MM4	11,63	0,2	0,04-0,12	0,2-2,0						⊕																⊕	⊕	⊕	
	DCMT11T304-MM4	11,63	0,4	0,08-0,25	0,4-3,0						⊕																⊕	⊕	⊕	
	DCMT11T308-MM4	11,63	0,8	0,12-0,32	0,5-3,0						⊕																⊕	⊕	⊕	
	DCMT11T312-MM4	11,63	1,2	0,15-0,35	0,5-3,0						⊕																⊕	⊕	⊕	
	DCGT070204-MM4	7,75	0,4	0,08-0,20	0,4-2,0						⊕															⊕	⊕			
	DCGT11T302-MM4	11,63	0,2	0,04-0,12	0,2-2,0						⊕															⊕	⊕	⊕		
	DCGT11T304-MM4	11,63	0,4	0,08-0,25	0,4-3,0						⊕															⊕	⊕	⊕		
	DCGT11T308-MM4	11,63	0,8	0,12-0,32	0,5-3,0						⊕															⊕	⊕	⊕		
	DCMT070204-MP4	7,75	0,4	0,08-0,20	0,4-2,0	⊕	⊕																							
	DCMT070208-MP4	7,75	0,8	0,12-0,25	0,5-2,0	⊕	⊕																							
	DCMT11T304-MP4	11,63	0,4	0,08-0,25	0,4-3,0	⊕	⊕																							
	DCMT11T308-MP4	11,63	0,8	0,12-0,32	0,5-3,0	⊕	⊕																							
	DCMT11T312-MP4	11,63	1,2	0,15-0,35	0,5-3,0	⊕	⊕																							
	DCGT070204-MP4	7,75	0,4	0,08-0,20	0,4-2,0						⊕																			
	DCGT11T304-MP4	11,63	0,4	0,08-0,25	0,4-3,0	⊕	⊕				⊕																			
	DCGT11T308-MP4	11,63	0,8	0,12-0,32	0,5-3,0	⊕	⊕				⊕																			
	DCMT11T304-MP6	11,63	0,4	0,10-0,25	0,4-3,5	⊕	⊕																							
	DCMT11T308-MP6	11,63	0,8	0,15-0,32	0,6-3,5	⊕	⊕																							
	DCMT150404-MP6	15,5	0,4	0,10-0,25	0,4-4,0						⊕																			
	DCMT150408-MP6	15,5	0,8	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

Positive rhombic 55°
DCMT / DCGT / DCMW
Tiger-tec® Gold



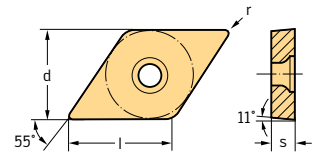
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P					M				K			N		S						
					HC					HE				HC				HC			HW		HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S	
DCMT070204-MK4	7.75	0.4	0.08–0.20	0.4–2.0																					
DCMT070208-MK4	7.75	0.8	0.12–0.25	0.5–2.0																					
DCMT11T304-MK4	11.63	0.4	0.08–0.25	0.4–3.0																					
DCMT11T308-MK4	11.63	0.8	0.12–0.32	0.5–3.0																					
DCMT11T312-MK4	11.63	1.2	0.15–0.35	0.5–3.0																					
DCMT070204-RM4	7.75	0.4	0.12–0.20	0.4–2.0																					
DCMT070208-RM4	7.75	0.8	0.16–0.30	0.6–2.0																					
DCMT11T304-RM4	11.63	0.4	0.12–0.25	0.4–3.0																					
DCMT11T308-RM4	11.63	0.8	0.16–0.35	0.6–4.0																					
DCMT11T312-RM4	11.63	1.2	0.20–0.40	0.8–4.0																					
DCMT070204-RP4	7.75	0.4	0.12–0.20	0.4–2.0																					
DCMT070208-RP4	7.75	0.8	0.16–0.30	0.6–2.0																					
DCMT11T304-RP4	11.63	0.4	0.12–0.25	0.4–3.0																					
DCMT11T308-RP4	11.63	0.8	0.16–0.35	0.6–4.0																					
DCMT11T312-RP4	11.63	1.2	0.20–0.40	0.8–4.0																					
DCMT070204-RK4	7.75	0.4	0.12–0.20	0.4–2.0																					
DCMT11T304-RK4	11.63	0.4	0.12–0.25	0.4–3.0																					
DCMT11T308-RK4	11.63	0.8	0.16–0.35	0.6–4.0																					
DCMT11T312-RK4	11.63	1.2	0.20–0.40	0.8–4.0																					
DCMW11T304-RK6	11.63	0.4	0.12–0.25	0.4–3.0																					
DCMW11T308-RK6	11.63	0.8	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

Positive rhombic 55° DPMT / DPGT / DPMW Tiger-tec® Gold



Indexable inserts

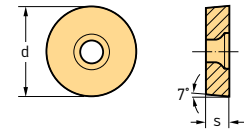
Designation	l mm	r mm	f mm	a _p mm	P			M			K		S	
					HC			HC			HC		HC	
					WPP10G	WPP20G	WMP20S	WSM01	WMP20S	WSM20S	WKK20S	WSM01	WSM20S	
 DPMT070204-FM4	7.75	0.4	0.05-0.16	0.1-1.5			☺		☺	☺				☺
DPMT11T304-FM4	11.63	0.4	0.05-0.16	0.1-1.5			☺		☺	☺				☺
DPMT11T308-FM4	11.63	0.8	0.08-0.20	0.1-1.5			☺		☺	☺				☺
 DPMT070204-FP4	7.75	0.4	0.05-0.16	0.1-1.5	☺									
DPMT11T304-FP4	11.63	0.4	0.05-0.16	0.1-1.5	☺									
DPMT11T308-FP4	11.63	0.8	0.08-0.20	0.1-1.5	☺									
 DPMT070204-MM4	7.75	0.4	0.08-0.20	0.4-2.0						☺				☺
DPMT11T304-MM4	11.63	0.4	0.08-0.25	0.4-3.0						☺				☺
 DPGT11T304-MM4	11.63	0.4	0.08-0.25	0.4-3.0				☺		☺				☺
DPGT11T308-MM4	11.63	0.8	0.12-0.32	0.5-3.0				☺		☺				☺
 DPMT070204-MP4	7.75	0.4	0.08-0.20	0.4-2.0			☺							
DPMT11T304-MP4	11.63	0.4	0.08-0.25	0.4-3.0			☺							
DPMT11T308-MP4	11.63	0.8	0.12-0.32	0.5-3.0			☺							
 DPGT11T304-MP4	11.63	0.4	0.08-0.25	0.4-3.0			☺							
 DPMW11T308-RK6	11.63	0.8	0.16-0.35	0.5-4.0							☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WMP20S: DPMT070204-FM4 WMP20S

HC = Coated carbide

Positive round
RCGT / RCMT / RCMX
Tiger-tec® Gold



Indexable inserts

Designation	d 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	WSM30S
	RCGT0602M0-MN2	6	0.10-0.55	0.6-2.5														
	RCGT0803M0-MN2	8	0.12-0.60	0.7-3.0														
	RCGT10T3M0-MN2	10	0.15-0.70	0.8-4.0														
	RCGT120400-MN2	12.7	0.18-0.80	1.0-5.0														
	RCGT1204M0-MN2	12	0.18-0.80	1.0-5.0														
	RCMT0602M0-FM4	6	0.07-0.30	0.6-2.5														
	RCMT0803M0-FM4	8	0.08-0.30	0.8-3.0														
	RCMT10T3M0-FM4	10	0.10-0.35	1.0-4.0														
	RCMT1204M0-FM4	12	0.12-0.40	1.2-5.0														
	RCMT0602M0-FP4	6	0.07-0.30	0.6-2.5	☺	☺												
	RCMT0803M0-FP4	8	0.08-0.30	0.8-3.0		☺												
	RCMT10T3M0-FP4	10	0.10-0.35	1.0-4.0		☺												
	RCMT1204M0-FP4	12	0.12-0.40	1.2-5.0	☺	☺												
	RCMT0602M0-RM4	6	0.08-0.50	0.6-2.5														
	RCMT060300-RM4	6.35	0.08-0.5	0.6-2.5														
	RCMT0803M0-RM4	8	0.10-0.60	0.8-3.0			☺											
	RCMT09T300-RM4	9.525	0.1-0.6	0.8-3														
	RCMT10T3M0-RM4	10	0.12-0.80	1.0-4.0			☺											
	RCMT120400-RM4	12.7	0.12-1	1.2-5														
	RCMT1204M0-RM4	12	0.12-1.00	1.2-5.0			☺											
	RCMT1606M0-RM4	16	0.15-1.20	1.6-7.0														
	RCMT0602M0-RP4	6	0.08-0.50	0.6-2.5		☺		☺										
	RCMT060300-RP4	6.35	0.08-0.50	0.6-2.5		☺												
	RCMT0803M0-RP4	8	0.10-0.60	0.8-3.0	☺	☺	☺											
	RCMT09T300-RP4	9.525	0.10-0.60	0.8-3.0		☺												
	RCMT10T3M0-RP4	10	0.12-0.80	1.0-4.0	☺	☺	☺											
	RCMT120400-RP4	12.7	0.12-1.00	1.2-5.0		☺												
	RCMT1204M0-RP4	12	0.12-1.00	1.2-5.0	☺	☺	☺											
	RCMT1605M0-RP4	16	0.15-1.20	1.6-7.0	☺	☺	☺											
	RCMT1606M0-RP4	16	0.15-1.20	1.6-7.0	☺	☺	☺											
	RCMT0602M0-RK4	6	0.08-0.50	0.6-2.5														
	RCMT0803M0-RK4	8	0.10-0.60	0.8-3.0														
	RCMT10T3M0-RK4	10	0.12-0.80	1.0-4.0														
	RCMT1204M0-RK4	12	0.12-1.00	1.2-5.0														
	RCMT1605M0-RK4	16	0.15-1.20	1.6-7.0														
	RCMT1606M0-RK4	16	0.15-1.20	1.6-7.0														
	RCMT10T3M0-HU6	10	0.12-0.80	1.0-4.0	☺	☺	☺											
	RCMT1204M0-HU6	12	0.12-1.20	1.2-5.0	☺	☺	☺											
	RCMT1606M0-HU6	16	0.15-1.20	1.6-7.0	☺	☺	☺											
	RCMX2006M0-HU6	20	0.25-1.40	2.0-9.0	☺	☺	☺											
	RCMX2507M0-HU6	25	0.30-1.60	2.5-11.0	☺	☺	☺											
	RCMX3209M0-HU6	32	0.30-1.70	3.2-15.0	☺	☺	☺											

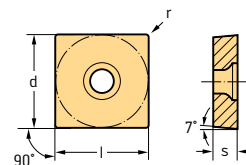
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WN10: RCGT0602M0-MN2 WN10

HC = Coated carbide
 HW = Uncoated carbide

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

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

Positive square SCGT / SCMT / SCMW Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P							M					K			N		S			
					HC							HE	HC					HC	HC	HW	HC				
					WKPO1G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKPO1G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S	
	SCGT09T304-FM2	9.53	0.4	0.08-0.25	0.2-2.5																				
	SCGT09T308-FM2	9.53	0.8	0.10-0.30	0.3-3.0																				
	SCGT120408-FM2	12.7	0.8	0.10-0.30	0.3-3.0																				
	SCGT09T304-FN2	9.53	0.4	0.08-0.25	0.2-2.5																				
	SCGT09T308-FN2	9.53	0.8	0.10-0.30	0.3-3.0																				
	SCGT120408-FN2	12.7	0.8	0.10-0.30	0.3-3.0																				
	SCMT060204-FM4	6.35	0.4	0.05-0.16	0.1-1.5																				
	SCMT09T304-FM4	9.53	0.4	0.05-0.15	0.1-1.5																				
	SCMT09T308-FM4	9.53	0.8	0.05-0.18	0.1-1.8																				
	SCMT120404-FM4	12.7	0.4	0.05-0.15	0.1-1.5																				
	SCMT120408-FM4	12.7	0.8	0.05-0.18	0.1-1.8																				
	SCMT060204-FP4	6.35	0.4	0.05-0.16	0.1-1.5																				
	SCMT09T304-FP4	9.53	0.4	0.05-0.15	0.1-1.5																				
	SCMT09T308-FP4	9.53	0.8	0.05-0.18	0.1-1.8																				
	SCMT120404-FP4	12.7	0.4	0.05-0.15	0.1-1.5																				
	SCMT120408-FP4	12.7	0.8	0.05-0.18	0.1-1.8																				
	SCMT120412-FP4	12.7	1.2	0.12-0.32	0.3-1.8																				
	SCMT09T304-FM6	9.53	0.4	0.08-0.25	0.3-2.0																				
	SCMT09T308-FM6	9.53	0.8	0.12-0.30	0.5-2.0																				
	SCMT120408-FM6	12.7	0.8	0.12-0.32	0.5-2.5																				
	SCMT09T304-FP6	9.53	0.4	0.08-0.20	0.3-2.0																				
	SCMT09T308-FP6	9.53	0.8	0.10-0.25	0.5-2.0																				
	SCMT120408-FP6	12.7	0.8	0.12-0.32	0.5-2.5																				
	SCMT09T304-FK6	9.53	0.4	0.08-0.20	0.3-2.0																				
	SCMT09T308-FK6	9.53	0.8	0.10-0.25	0.5-2.0																				
	SCMT120408-FK6	12.7	0.8	0.12-0.32	0.5-2.5																				
	SCGT09T304-MN2	9.53	0.4	0.08-0.25	0.6-4.0																				
	SCGT09T308-MN2	9.53	0.8	0.10-0.35	0.7-4.0																				
	SCGT120408-MN2	12.7	0.8	0.10-0.40	0.8-6.0																				
	SCMT09T304-MM4	9.53	0.4	0.08-0.25	0.4-3.0																				
	SCMT09T308-MM4	9.53	0.8	0.12-0.32	0.5-3.0																				
	SCMT120408-MM4	12.7	0.8	0.12-0.32	0.5-3.5																				
	SCGT09T304-MM4	9.53	0.4	0.08-0.25	0.4-3.0																				
	SCGT09T308-MM4	9.53	0.8	0.12-0.32	0.5-3.0																				
	SCGT120408-MM4	12.7	0.8	0.12-0.32	0.5-3.5																				
	SCMT09T304-MP4	9.53	0.4	0.08-0.25	0.4-3.0																				
	SCMT09T308-MP4	9.53	0.8	0.12-0.32	0.5-3.0																				
	SCMT120408-MP4	12.7	0.8	0.12-0.32	0.5-3.5																				

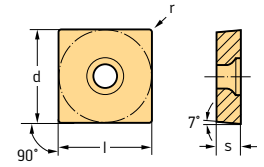
See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: SCGT09T304-FM2 WSM20S

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

WALTER SELECT

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

Positive square
SCGT / SCMT / SCMW
Tiger-tec® Gold



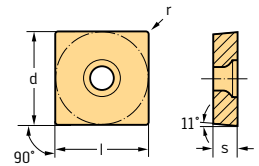
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P					M				K			N		S					
					HC					HE				HC				HC		HW		HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S
SCGT09T304-MP4	9,53	0,4	0,08-0,25	0,4-3,0			☉																	
SCGT09T308-MP4	9,53	0,8	0,12-0,32	0,5-3,0			☉																	
SCGT120408-MP4	12,7	0,8	0,12-0,32	0,5-3,5			☉																	
SCMT09T304-MK4	9,53	0,4	0,08-0,25	0,4-3,0										☉	☉									
SCMT09T308-MK4	9,53	0,8	0,12-0,32	0,5-3,0										☉	☉									
SCMT120408-MK4	12,7	0,8	0,12-0,32	0,5-3,5										☉	☉									
SCGT09T308-MK4	9,53	0,8	0,12-0,32	0,5-3,0											☉									
SCGT120408-MK4	12,7	0,8	0,12-0,32	0,5-3,5											☉									
SCMT09T304-RM4	9,53	0,4	0,12-0,25	0,4-3,0																☉	☉			
SCMT09T308-RM4	9,53	0,8	0,16-0,35	0,6-4,0																☉	☉			
SCMT120404-RM4	12,7	0,4	0,12-0,25	0,4-3,0																☉	☉			
SCMT120408-RM4	12,7	0,8	0,16-0,40	0,6-5,0																☉	☉			
SCMT120412-RM4	12,7	1,2	0,20-0,50	0,8-5,0																☉	☉			
SCMT09T304-RP4	9,53	0,4	0,12-0,25	0,4-3,0	☉	☉																		
SCMT09T308-RP4	9,53	0,8	0,16-0,35	0,6-4,0	☉	☉																		
SCMT09T312-RP4	9,53	1,2	0,20-0,45	0,8-5,0	☉																			
SCMT120404-RP4	12,7	0,4	0,12-0,25	0,4-3,0	☉	☉																		
SCMT120408-RP4	12,7	0,8	0,16-0,40	0,6-5,0	☉	☉																		
SCMT120412-RP4	12,7	1,2	0,20-0,50	0,8-5,0	☉	☉																		
SCMT09T304-RK4	9,53	0,4	0,12-0,25	0,4-3,0										☉	☉									
SCMT09T308-RK4	9,53	0,8	0,16-0,35	0,6-4,0										☉	☉									
SCMT120404-RK4	12,7	0,4	0,12-0,25	0,4-3,0										☉	☉									
SCMT120408-RK4	12,7	0,8	0,16-0,40	0,6-5,0										☉	☉									
SCMT120412-RK4	12,7	1,2	0,20-0,50	0,8-5,0										☉	☉									
SCMW09T304-RK6	9,53	0,4	0,12-0,25	0,4-3,0										☉	☉									
SCMW09T308-RK6	9,53	0,8	0,16-0,35	0,6-4,0										☉	☉									
SCMW120404-RK6	12,7	0,4	0,12-0,25	0,4-4,0										☉	☉									
SCMW120408-RK6	12,7	0,8	0,16-0,40	0,6-5,0										☉	☉									
SCMW120412-RK6	12,7	1,2	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

Positive square
SPMT / SPGT / SPMW
Tiger-tec® Gold



Indexable inserts

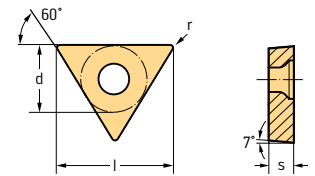
Designation	l mm	r mm	f mm	a _p mm	P	M	K	S	
					HC	HC	HC	HC	
					WPP20G	WSM01	WSM20S	WKK20S	WSM20S
 SPMT09T304-MM4	9,53	0,4	0,08–0,25	0,4–3,0			☺	☺	
SPMT09T308-MM4	9,53	0,8	0,12–0,32	0,5–3,0			☺	☺	
 SPGT09T304-MM4	9,53	0,4	0,08–0,25	0,4–3,0			☺	☺	
SPGT09T308-MM4	9,53	0,8	0,12–0,32	0,5–3,0			☺	☺	
 SPMT09T304-MP4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

Positive triangular 60° TCMT / TCGT / TCMW Tiger-tec® Gold



Indexable inserts

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

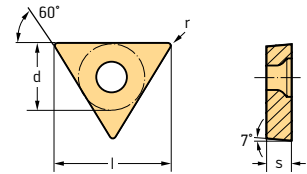
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

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

WALTER SELECT

Optimum indexable insert for → Good = ⊕ → Average = ⊙ → Poor = ⊗ machining conditions

Positive triangular 60° TCMT / TCGT / TCMW Tiger-tec® Gold



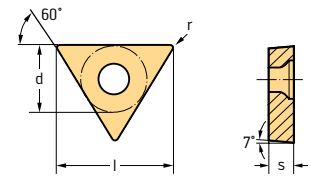
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M					K			N		S								
					HC						HE					HC					HC			HW		HC			
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM21	WSM30S			
TCMT06T102-FP4	6.87	0.2	0.02-0.10	0.1-1.0																									
TCMT06T104-FP4	6.87	0.4	0.04-0.17	0.1-1.0																									
TCMT090202-FP4	9.62	0.2	0.04-0.12	0.1-1.0																									
TCMT090204-FP4	9.62	0.4	0.05-0.16	0.1-1.5																									
TCMT090208-FP4	9.62	0.8	0.08-0.20	0.1-1.5																									
TCMT110202-FP4	11	0.2	0.04-0.12	0.1-1.0																									
TCMT110204-FP4	11	0.4	0.05-0.16	0.1-1.5																									
TCMT110208-FP4	11	0.8	0.08-0.20	0.1-1.5																									
TCMT16T302-FP4	16.5	0.2	0.04-0.12	0.1-1.0																									
TCMT16T304-FP4	16.5	0.4	0.05-0.16	0.1-1.5																									
TCMT16T308-FP4	16.5	0.8	0.08-0.20	0.1-1.5																									
TCMT110204-FM6	11	0.4	0.08-0.25	0.3-1.6																									
TCMT110208-FM6	11	0.8	0.12-0.30	0.5-1.6																									
TCMT16T304-FM6	16.5	0.4	0.08-0.25	0.3-2.0																									
TCMT16T308-FM6	16.5	0.8	0.12-0.32	0.5-2.5																									
TCMT110204-FP6	11	0.4	0.06-0.18	0.3-2.0																									
TCMT110208-FP6	11	0.8	0.10-0.20	0.5-2.0																									
TCMT16T304-FP6	16.5	0.4	0.08-0.20	0.3-2.0																									
TCMT16T308-FP6	16.5	0.8	0.10-0.25	0.5-2.0																									
TCMT110204-FK6	11	0.4	0.06-0.18	0.3-2.0																									
TCMT110208-FK6	11	0.8	0.10-0.20	0.5-2.0																									
TCMT16T304-FK6	16.5	0.4	0.08-0.20	0.3-2.0																									
TCMT16T308-FK6	16.5	0.8	0.10-0.25	0.5-2.0																									
TCMT16T304-MW4	16.5	0.4	0.12-0.40	0.5-4.0																									
TCMT16T308-MW4	16.5	0.8	0.15-0.50	0.5-4.0																									
Wiper																													
TCGT110201-MN2	11	0.1	0.02-0.06	0.5-1.5																									
TCGT110202-MN2	11	0.2	0.05-0.12	0.6-2.0																									
TCGT110204-MN2	11	0.4	0.08-0.25	0.6-3.0																									
TCGT16T302-MN2	16.5	0.2	0.05-0.12	0.5-2.0																									
TCGT16T304-MN2	16.5	0.4	0.08-0.25	0.6-4.0																									
TCGT16T308-MN2	16.5	0.8	0.10-0.35	0.8-4.0																									
TCMT090204-MM4	9.62	0.4	0.08-0.20	0.4-2.0																									
TCMT090208-MM4	9.62	0.8	0.12-0.25	0.5-2.0																									
TCMT110204-MM4	11	0.4	0.08-0.20	0.4-2.0																									
TCMT110208-MM4	11	0.8	0.12-0.30	0.5-2.0																									
TCMT16T304-MM4	16.5	0.4	0.08-0.25	0.4-3.0																									
TCMT16T308-MM4	16.5	0.8	0.12-0.32	0.5-3.0																									
TCGT090204-MM4	9.62	0.4	0.08-0.20	0.4-2.0																									
TCGT110204-MM4	11	0.4	0.08-0.20	0.4-2.0																									
TCGT110208-MM4	11	0.8	0.12-0.30	0.5-2.0																									
TCGT16T304-MM4	16.5	0.4	0.08-0.25	0.4-3.0																									
TCGT16T308-MM4	16.5	0.8	0.12-0.32	0.5-3.0																									

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

Positive triangular 60° TCMT / TCGT / TCMW Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P						M					K			N		S			
					HC			HE			HC					HC			HC		HC			
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
TCMT090204-MP4	9,62	0,4	0,08-0,20	0,4-2,0																				
TCMT090208-MP4	9,62	0,8	0,12-0,25	0,5-2,0																				
TCMT110204-MP4	11	0,4	0,08-0,20	0,4-2,0																				
TCMT110208-MP4	11	0,8	0,12-0,30	0,5-2,0																				
TCMT16T304-MP4	16,5	0,4	0,08-0,25	0,4-3,0																				
TCMT16T308-MP4	16,5	0,8	0,12-0,32	0,5-3,0																				
TCMT220408-MP4	22	0,8	0,12-0,32	0,5-3,5																				
TCGT090204-MP4	9,62	0,4	0,08-0,20	0,4-2,0																				
TCGT110204-MP4	11	0,4	0,08-0,20	0,4-2,0																				
TCGT110208-MP4	11	0,8	0,12-0,30	0,5-2,0																				
TCMT110204-MP6	11	0,4	0,10-0,20	0,4-2,5																				
TCMT110304-MP6	11	0,4	0,12-0,25	0,4-3,0																				
TCMT16T304-MP6	16,5	0,4	0,10-0,25	0,4-3,5																				
TCMT16T308-MP6	16,5	0,8	0,15-0,32	0,6-3,5																				
TCMT090204-MK4	9,62	0,4	0,08-0,20	0,4-2,0																				
TCMT090208-MK4	9,62	0,8	0,12-0,25	0,5-2,0																				
TCMT110204-MK4	11	0,4	0,08-0,20	0,4-2,0																				
TCMT110208-MK4	11	0,8	0,12-0,30	0,5-2,0																				
TCMT16T304-MK4	16,5	0,4	0,08-0,25	0,4-3,0																				
TCMT16T308-MK4	16,5	0,8	0,12-0,32	0,5-3,0																				
TCGT110204-MK4	11	0,4	0,08-0,20	0,4-2,0																				
TCGT16T308-MK4	16,5	0,8	0,12-0,32	0,5-3,0																				
TCMT090204-RM4	9,62	0,4	0,12-0,25	0,4-3,0																				
TCMT090208-RM4	9,62	0,8	0,16-0,30	0,6-3,0																				
TCMT110204-RM4	11	0,4	0,12-0,25	0,4-3,0																				
TCMT110208-RM4	11	0,8	0,16-0,30	0,6-3,0																				
TCMT16T304-RM4	16,5	0,4	0,12-0,25	0,4-3,0																				
TCMT16T308-RM4	16,5	0,8	0,16-0,35	0,6-4,0																				
TCMT16T312-RM4	16,5	1,2	0,20-0,40	0,8-4,0																				
TCMT090204-RP4	9,62	0,4	0,12-0,25	0,4-3,0																				
TCMT090208-RP4	9,62	0,8	0,16-0,30	0,6-3,0																				
TCMT110204-RP4	11	0,4	0,12-0,25	0,4-3,0																				
TCMT110208-RP4	11	0,8	0,16-0,30	0,6-3,0																				
TCMT16T304-RP4	16,5	0,4	0,12-0,25	0,4-3,0																				
TCMT16T308-RP4	16,5	0,8	0,16-0,35	0,6-4,0																				
TCMT16T312-RP4	16,5	1,2	0,20-0,40	0,8-4,0																				
TCMT090204-RK4	9,62	0,4	0,12-0,25	0,4-3,0																				
TCMT090208-RK4	9,62	0,8	0,16-0,30	0,6-3,0																				
TCMT110204-RK4	11	0,4	0,12-0,25	0,4-3,0																				
TCMT110208-RK4	11	0,8	0,16-0,30	0,6-3,0																				
TCMT16T304-RK4	16,5	0,4	0,12-0,25	0,4-3,0																				
TCMT16T308-RK4	16,5	0,8	0,16-0,35	0,6-4,0																				
TCMT16T312-RK4	16,5	1,2	0,20-0,40	0,8-4,0																				

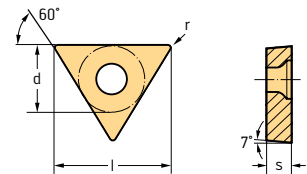
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

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


Positive triangular 60°

TCMT / TCGT / TCMW

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P						M					K		N		S					
					HC						HC					HC		HW		HC					
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM21
 TCMW110204-RK6	11	0,4	0,12-0,25	0,4-3,0																					
TCMW110208-RK6	11	0,8	0,16-0,30	0,6-3,0																					
TCMW16T304-RK6	16,5	0,4	0,12-0,25	0,4-3,0																					
TCMW16T308-RK6	16,5	0,8	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

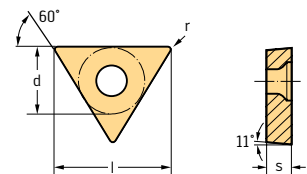
HE = Coated cermet

HW = Uncoated carbide





Positive triangular 60°

TPMT / TPGT / TPMW / TPMR / TPGN

Tiger-tec® Gold



Indexable inserts

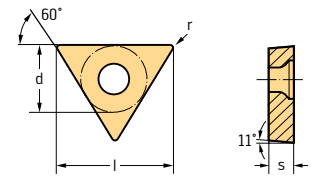
Designation	l mm	r mm	f mm	a _p mm	P			M			K		S	
					HC			HC			HC		HC	
					WPP10G	WPP20G	WMP20S	WSM01	WMP20S	WSM20S	WKK20S	WSM01	WSM20S	
 TPMT110204-FM4	11	0,4	0,05-0,16	0,1-1,5										
TPMT16T304-FM4	16,5	0,4	0,05-0,16	0,1-1,5										
 TPMT110204-FP4	11	0,4	0,05-0,16	0,1-1,5										
TPMT16T304-FP4	16,5	0,4	0,05-0,16	0,1-1,5										
 TPMT090204-MM4	9,62	0,4	0,08-0,20	0,4-2,0										
TPMT110204-MM4	11	0,4	0,08-0,20	0,4-2,0										
TPMT16T304-MM4	16,5	0,4	0,08-0,25	0,4-3,0										
TPMT16T308-MM4	16,5	0,8	0,12-0,32	0,5-3,0										
 TPGT090204-MM4	9,62	0,4	0,08-0,20	0,4-2,0										
TPGT110204-MM4	11	0,4	0,08-0,20	0,4-2,0										
TPGT110208-MM4	11	0,8	0,12-0,30	0,5-2,0										
TPGT16T304-MM4	16,5	0,4	0,08-0,25	0,4-3,0										
TPGT16T308-MM4	16,5	0,8	0,12-0,32	0,5-3,0										

See the ISO 1832 designation key for dimensions

Ordering example for the grade WMP20S: TPMT110204-FM4 WMP20S

HC = Coated carbide

Positive triangular 60°
TPMT / TPGT / TPMW / TPMR / TPGN
Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P			M			K		S	
					HC			HC			HC		HC	
					WPP10G	WPP20G	WMP20S	WSM01	WMP20S	WSM20S	WKK20S	WSM01	WSM20S	
	TPMT090204-MP4	9,62	0,4	0,08-0,20	0,4-2,0	☉								
	TPMT110204-MP4	11	0,4	0,08-0,20	0,4-2,0	☉								
	TPMT110208-MP4	11	0,8	0,12-0,30	0,5-2,0	☉								
	TPMT16T304-MP4	16,5	0,4	0,08-0,25	0,4-3,0	☉								
	TPMT16T308-MP4	16,5	0,8	0,12-0,32	0,5-3,0	☉								
	TPGT090204-MP4	9,62	0,4	0,08-0,20	0,4-2,0	☉								
	TPGT110204-MP4	11	0,4	0,08-0,20	0,4-2,0	☉								
	TPGT16T304-MP4	16,5	0,4	0,08-0,25	0,4-3,0	☉								
	TPGT16T308-MP4	16,5	0,8	0,12-0,32	0,5-3,0	☉								
	TPMT090204-MK4	9,62	0,4	0,08-0,20	0,4-2,0						☉			
	TPMT090208-MK4	9,62	0,8	0,12-0,20	0,5-2,0						☉			
	TPMT110204-MK4	11	0,4	0,08-0,20	0,4-2,0						☉			
	TPMT16T304-MK4	16,5	0,4	0,08-0,25	0,4-3,0						☉			
	TPMT16T308-MK4	16,5	0,8	0,12-0,32	0,5-3,0						☉			
	TPGT090204-MK4	9,62	0,4	0,08-0,20	0,4-2,0						☉			
	TPGT110208-MK4	11	0,8	0,12-0,30	0,5-2,0						☉			
	TPMW110204-RK6	11	0,4	0,12-0,25	0,4-2,5						☉			
	TPMW16T304-RK6	16,5	0,4	0,12-0,25	0,4-3,0						☉			
	TPMW16T308-RK6	16,5	0,8	0,16-0,35	0,6-4,0						☉			
	TPMR110304	11	0,4	0,12-0,25	0,4-3,0	☉								
	TPMR110308	11	0,8	0,12-0,25	0,4-3,0	☉								
	TPMR160304	16,5	0,4	0,12-0,25	0,4-3,0	☉								
	TPMR160308	16,5	0,8	0,16-0,30	0,6-4,0	☉								
	TPGN110308	11	0,8	0,12-0,20	0,8-2,0						☉		☉	
	TPGN160304	16,5	0,4	0,10-0,25	0,4-3,0						☉		☉	
	TPGN160308	16,5	0,8	0,12-0,30	0,8-3,0						☉		☉	

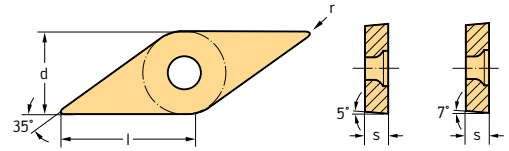
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WMP20S: TPMT110204-FM4 WMP20S

HC = Coated carbide

Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT / VCMW

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P					M				K			N		S						
					HC					HE				HC				HC			HW		HC		
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S	
VBGT110302-FL2	11.07	0.2	0.04-0.10	0.1-1.0			☺				☺														
VBGT110304-FL2	11.07	0.4	0.06-0.15	0.2-1.5			☺				☺														
VCGT110301-FN2	11.07	0.1	0.02-0.06	0.1-1.5													☺								
VCGT110302-FN2	11.07	0.2	0.05-0.12	0.2-2.0													☺	☺							
VCGT110304-FN2	11.07	0.4	0.08-0.25	0.2-2.5													☺	☺							
VCGT160402-FN2	16.61	0.2	0.05-0.12	0.2-2.0													☺	☺							
VCGT160404-FN2	16.61	0.4	0.08-0.25	0.2-2.5													☺	☺							
VCGT160408-FN2	16.61	0.8	0.10-0.30	0.3-3.0													☺	☺							
VCGT110301-FM2	11.07	0.1	0.02-0.06	0.1-1.5																	☺				
VCGT110302-FM2	11.07	0.2	0.05-0.12	0.2-2.0							☺										☺				
VCGT110304-FM2	11.07	0.4	0.08-0.25	0.2-2.5							☺	☺									☺				
VCGT160402-FM2	16.61	0.2	0.05-0.12	0.2-2.0							☺										☺				
VCGT160404-FM2	16.61	0.4	0.08-0.25	0.2-2.5							☺										☺				
VCGT160408-FM2	16.61	0.8	0.10-0.30	0.3-3.0							☺										☺				
VCGT1103005M-FP2	11.07	0.03	0.01-0.04	0.1-1.0																	☺				
VCGT110301M-FP2	11.07	0.07	0.02-0.06	0.1-1.5																	☺				
VCGT110302M-FP2	11.07	0.17	0.05-0.12	0.2-2.0																	☺				
VCGT110304M-FP2	11.07	0.37	0.08-0.25	0.2-2.5																	☺				
VCGT160402M-FP2	16.61	0.17	0.05-0.12	0.2-2.0																	☺				
VCGT160404M-FP2	16.61	0.37	0.08-0.25	0.2-2.5																	☺				
VCGT160408M-FP2	16.61	0.77	0.10-0.30	0.3-3.0																	☺				
VCMT110302-FM4	11.07	0.2	0.04-0.12	0.1-1.0				☺			☺	☺	☺	☺							☺				
VCMT110304-FM4	11.07	0.4	0.05-0.16	0.1-1.5				☺			☺	☺	☺	☺							☺				
VCMT160402-FM4	16.61	0.2	0.04-0.12	0.1-1.0				☺			☺	☺	☺	☺							☺				
VCMT160404-FM4	16.61	0.4	0.05-0.16	0.1-1.5				☺			☺	☺	☺	☺							☺				
VCMT160408-FM4	16.61	0.8	0.08-0.20	0.1-1.5				☺			☺	☺	☺	☺							☺				
VCMT110302-FP4	11.07	0.2	0.04-0.12	0.1-1.0		☺	☺	☺																	
VCMT110304-FP4	11.07	0.4	0.05-0.16	0.1-1.5		☺	☺	☺																	
VCMT160402-FP4	16.61	0.2	0.04-0.12	0.1-1.0		☺	☺	☺																	
VCMT160404-FP4	16.61	0.4	0.05-0.16	0.1-1.5		☺	☺	☺																	
VCMT160408-FP4	16.61	0.8	0.08-0.20	0.1-1.5		☺	☺	☺																	
VBMT110304-FM6	11.07	0.4	0.08-0.20	0.3-1.6							☺	☺	☺	☺							☺				
VBMT110308-FM6	11.07	0.8	0.12-0.30	0.5-1.6							☺	☺	☺	☺							☺				
VBMT160404-FM6	16.61	0.4	0.08-0.20	0.3-2.0							☺	☺	☺	☺							☺				
VBMT160408-FM6	16.61	0.8	0.12-0.30	0.6-2.5							☺	☺	☺	☺							☺				
VBMT160412-FM6	16.61	1.2	0.15-0.30	1.0-2.5							☺	☺	☺	☺							☺				
VBMT110304-FP6	11.07	0.4	0.06-0.18	0.3-2.0		☺	☺																		
VBMT110308-FP6	11.07	0.8	0.10-0.20	0.5-2.0		☺	☺																		
VBMT160404-FP6	16.61	0.4	0.08-0.20	0.3-2.0		☺	☺																		
VBMT160406-FP6	16.61	0.6	0.10-0.25	0.4-2.0		☺	☺																		
VBMT160408-FP6	16.61	0.8	0.10-0.25	0.5-2.0		☺	☺																		
VBMT160412-FP6	16.61	1.2	0.12-0.30	0.6-2.0		☺	☺																		

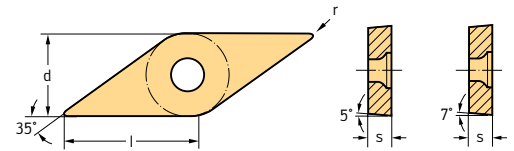
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: VBGT110302-FL2 WPP20G

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

WALTER SELECT

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

Positive rhombic 35° VBGT / VCGT / VCMT / VBMT / VCMW Tiger-tec® Gold



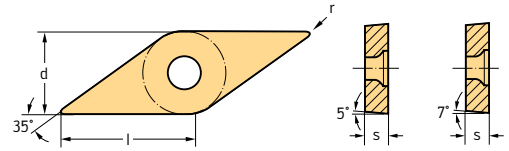
Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P					M					K			N		S						
					HC					HE					HC			HC	HW	HC						
					WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S		
VBMT110304-FK6	11,07	0,4	0,06-0,18	0,3-2,0																						
VBMT160404-FK6	16,61	0,4	0,08-0,20	0,3-2,0																						
VBMT160406-FK6	16,61	0,6	0,10-0,25	0,4-2,0																						
VBMT160408-FK6	16,61	0,8	0,10-0,25	0,5-2,0																						
VBMT160412-FK6	16,61	1,2	0,12-0,30	0,6-2,0																						
VCGT110301-MN2	11,07	0,1	0,02-0,06	0,5-1,5																						
VCGT110302-MN2	11,07	0,2	0,05-0,12	0,5-2,0																						
VCGT110304-MN2	11,07	0,4	0,08-0,25	0,6-2,5																						
VCGT110308-MN2	11,07	0,8	0,10-0,35	0,8-3,0																						
VCGT130301-MN2	13,1	0,1	0,02-0,06	0,5-1,5																						
VCGT130302-MN2	13,1	0,2	0,05-0,12	0,5-2,0																						
VCGT130304-MN2	13,1	0,4	0,08-0,25	0,6-3,0																						
VCGT160404-MN2	16,61	0,4	0,08-0,25	0,6-3,5																						
VCGT160408-MN2	16,61	0,8	0,10-0,35	0,8-3,5																						
VCGT160412-MN2	16,61	1,2	0,10-0,45	1,0-3,5																						
VBMT110302-MM4	11,07	0,2	0,05-0,12	0,2-1,5																						
VBMT110304-MM4	11,07	0,4	0,08-0,20	0,4-1,5																						
VBMT110308-MM4	11,07	0,8	0,12-0,25	0,5-1,5																						
VBMT160402-MM4	16,61	0,2	0,05-0,12	0,2-2,0																						
VBMT160404-MM4	16,61	0,4	0,08-0,20	0,4-2,0																						
VBMT160408-MM4	16,61	0,8	0,12-0,30	0,5-2,0																						
VBMT160412-MM4	16,61	1,2	0,12-0,32	0,5-2,0																						
VCMT160404-MM4	16,61	0,4	0,08-0,20	0,4-2,0																						
VCMT160408-MM4	16,61	0,8	0,12-0,30	0,5-2,0																						
VCGT110302-MM4	11,07	0,2	0,05-0,12	0,2-1,5																						
VCGT110304-MM4	11,07	0,4	0,08-0,20	0,4-1,5																						
VCGT160402-MM4	16,61	0,2	0,05-0,12	0,2-2,0																						
VCGT160404-MM4	16,61	0,4	0,08-0,20	0,4-2,0																						
VCGT160408-MM4	16,61	0,8	0,12-0,30	0,5-2,0																						
VBMT110304-MP4	11,07	0,4	0,08-0,20	0,4-1,5																						
VBMT110308-MP4	11,07	0,8	0,12-0,25	0,5-1,5																						
VBMT160404-MP4	16,61	0,4	0,08-0,20	0,4-2,0																						
VBMT160406-MP4	16,61	0,6	0,12-0,25	0,5-2,0																						
VBMT160408-MP4	16,61	0,8	0,12-0,30	0,5-2,0																						
VBMT160412-MP4	16,61	1,2	0,12-0,32	0,5-2,0																						
VCMT160404-MP4	16,61	0,4	0,08-0,20	0,4-2,0																						
VCMT160408-MP4	16,61	0,8	0,12-0,30	0,5-2,0																						
VBMT160404-MP6	16,61	0,4	0,10-0,25	0,4-2,5																						
VBMT160408-MP6	16,61	0,8	0,15-0,30	0,6-2,5																						
VBMT160404-MK4	16,61	0,4	0,08-0,20	0,4-2,0																						
VBMT160408-MK4	16,61	0,8	0,12-0,30	0,5-2,0																						
VBMT160412-MK4	16,61	1,2	0,12-0,32	0,5-2,0																						

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

Positive rhombic 35°
VBGT / VCGT / VCMT / VBMT / VCMW
Tiger-tec® Gold



Indexable inserts

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

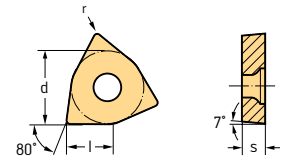
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: VBGT110302-FL2 WPP20G

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

Positive Trigon 80°

WCGT / WCMT

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P			M			K	N	S			
					HC			HC			HC	HC	HC			
					WPP10G	WPP20G	WPP30G	WSM20S	WSM2L	WSM30S	WKK20S	WNN10	WSM20S	WSM2L	WSM30S	
	WCGT020102-FN2	2.7	0.2	0.05-0.12	0.2-1.5											
	WCGT020104-FN2	2.7	0.4	0.08-0.20	0.2-1.5											
	WCGT030202-FN2	3.91	0.2	0.05-0.12	0.2-2.0											
	WCGT030204-FN2	3.91	0.4	0.08-0.25	0.2-2.5											
	WCGT040202-FN2	4.34	0.2	0.05-0.12	0.2-2.0											
	WCGT040204-FN2	4.34	0.4	0.08-0.25	0.2-2.5											
	WCGT06T304-FN2	6.52	0.4	0.08-0.25	0.2-2.5											
	WCGT06T308-FN2	6.52	0.8	0.10-0.30	0.3-3.0											
	WCGT030202-FM2	3.91	0.2	0.05-0.12	0.2-2.0											
	WCGT030204-FM2	3.91	0.4	0.08-0.25	0.2-2.5											
	WCGT040202-FM2	4.34	0.2	0.05-0.12	0.2-2.0											
	WCGT040204-FM2	4.34	0.4	0.08-0.25	0.2-2.5											
	WCMT040202-FM4	4.34	0.2	0.04-0.12	0.1-1.0											
	WCMT040204-FM4	4.34	0.4	0.05-0.16	0.1-1.5											
	WCMT06T304-FM4	6.52	0.4	0.05-0.16	0.1-1.5											
	WCMT06T308-FM4	6.52	0.8	0.08-0.20	0.1-1.5											
	WCMT040202-FP4	4.34	0.2	0.04-0.12	0.1-1.0											
	WCMT040204-FP4	4.34	0.4	0.05-0.16	0.1-1.5											
	WCMT040208-FP4	4.34	0.8	0.08-0.20	0.1-1.5											
	WCMT06T302-FP4	6.52	0.2	0.04-0.12	0.1-1.0											
	WCMT06T304-FP4	6.52	0.4	0.05-0.16	0.1-1.5											
	WCMT06T308-FP4	6.52	0.8	0.08-0.20	0.1-1.5											
	WCMT080404-FP4	8.69	0.4	0.05-0.16	0.1-1.5											
	WCMT080408-FP4	8.69	0.8	0.08-0.20	0.1-1.5											
	WCMT040202-FP6	4.34	0.4	0.06-0.18	0.3-2.0											
	WCMT040208-FP6	4.34	0.8	0.10-0.20	0.5-2.0											
	WCGT030202-MN2	3.91	0.2	0.05-0.12	0.5-1.5											
	WCGT030204-MN2	3.91	0.4	0.08-0.20	0.6-1.5											
	WCGT040204-MN2	4.34	0.4	0.08-0.25	0.6-2.5											
	WCGT06T302-MN2	6.52	0.2	0.05-0.12	0.6-2.0											
	WCGT06T304-MN2	6.52	0.4	0.08-0.25	0.6-3.0											
	WCGT080404-MN2	8.69	0.4	0.08-0.25	0.6-4.0											
	WCGT080408-MN2	8.69	0.8	0.10-0.35	0.8-4.0											
	WCMT06T304-MM4	6.52	0.4	0.08-0.25	0.4-2.5											
WCMT06T308-MM4	6.52	0.8	0.12-0.32	0.5-2.5												
	WCMT06T304-MP4	6.52	0.4	0.08-0.25	0.4-2.5											
	WCMT06T308-MP4	6.52	0.8	0.12-0.32	0.5-2.5											

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

HC = Coated carbide

WALTER SELECT

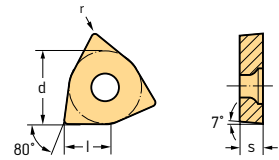
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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




Positive Trigon 80°

WCGT / WCMT

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r 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-RM4	3,91	0,2	0,08–0,12	0,2–1,5				☉				☉			
WCMT040202-RM4	4,34	0,2	0,08–0,12	0,4–2,0				☉		☉		☉			☉
WCMT040204-RM4	4,34	0,4	0,12–0,25	0,4–2,5				☉		☉		☉			☉
WCMT06T304-RM4	6,52	0,4	0,12–0,25	0,4–3,0				☉		☉		☉			☉
WCMT06T308-RM4	6,52	0,8	0,16–0,35	0,6–3,0				☉		☉		☉			☉
WCMT080408-RM4	8,69	0,8	0,16–0,40	0,6–4,0				☉		☉		☉			☉
WCMT080412-RM4	8,69	1,2	0,20–0,45	0,8–4,0				☉				☉			
 WCMT030202-RP4	3,91	0,2	0,08–0,12	0,2–1,5		☉									
WCMT040204-RP4	4,34	0,4	0,12–0,25	0,4–2,5		☉									
WCMT06T304-RP4	6,52	0,4	0,12–0,25	0,4–3,0		☉									
WCMT06T308-RP4	6,52	0,8	0,16–0,35	0,6–3,0		☉	☉								
WCMT080404-RP4	8,69	0,4	0,12–0,25	0,4–3,0		☉									
WCMT080408-RP4	8,69	0,8	0,16–0,40	0,6–4,0		☉									
WCMT080412-RP4	8,69	1,2	0,20–0,45	0,8–4,0		☉	☉								
 WCMT040204-RK4	4,34	0,4	0,12–0,25	0,4–2,5								☉			
WCMT06T304-RK4	6,52	0,4	0,12–0,25	0,4–3,0								☉			
WCMT06T308-RK4	6,52	0,8	0,16–0,35	0,6–3,0								☉			
WCMT080404-RK4	8,69	0,4	0,12–0,25	0,4–3,0								☉			
WCMT080408-RK4	8,69	0,8	0,16–0,40	0,6–4,0								☉			
WCMT080412-RK4	8,69	1,2	0,20–0,45	0,8–4,0								☉			

See the ISO 1832 designation key for dimensions

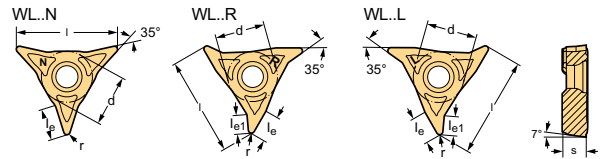
Ordering example for the grade WNN10: WCGT020102-FN2 WNN10

HC = Coated carbide

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		S	
							HC				HC				HC		HC	
							WKP10G	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WMP20S	WSM20S	WKP10G	WSM01	WSM10S	WSM20S
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	0,4	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	0,4	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												
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												
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												
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												
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												
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												

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

HC = Coated carbide

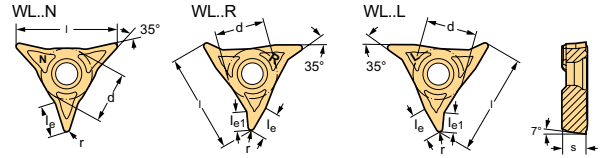
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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




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		S	
							HC				HC				HC		HC	
							WKP01G	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WMP20S	WSM20S	WKP01G	WSM01	WSM10S	WSM20S
 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			☉									
WL25-VC0716N-MP4	1,6	25	8,7		0,12-0,40	0,5-2,5			☉									
 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			☉	☉								
 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			☉	☉								

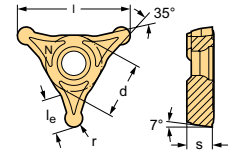
Ordering example for the grade WSM10S: WL17-VC0502N-FM4 WSM10S

HC = Coated carbide

Indexable inserts copy turning system

WL...-RC...

Tiger-tec® Gold



Indexable inserts

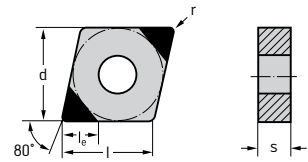
Designation	r mm	l mm	l _e mm	f mm	a _p mm	P		M		S	
						HC	WPP20G	HC	WSM20S	HC	WSM20S
WL25-RC0420N-MU6	2	25	7.2	0.12-0.40	0.5-2.0	☺	☺	☺	☺	☺	☺
WL25-RC0525N-MU6	2.5	25	6.9	0.12-0.45	0.5-2.5	☺	☺	☺	☺	☺	☺

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







HC = Coated carbide

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

CBN – Negative rhombic 80° CNGA



Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	f mm	a _p mm	K		S		H							
							BH	BH	BC	BL	BH							
							WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30					
 Wiper CNGA120404TM-MW2 CNGA120408TM-MW2 CNGA120412TM-MW2	2	2,8	12,9	0,4	0,05–0,35	0,1–1,0												
	2	2,7	12,9	0,8	0,05–0,50	0,1–1,0												
	2	2,8	12,9	1,2	0,05–0,50	0,1–1,0												
 CNGA120404EM-2 CNGA120408EM-2	2	2,8	12,9	0,4	0,05–0,20	0,1–0,5												
	2	2,7	12,9	0,8	0,05–0,25	0,1–1,0												
 CNGA120404TS-2 CNGA120408TS-2 CNGA120412TS-2	2	2,8	12,9	0,4	0,05–0,20	0,1–2,0												
	2	2,7	12,9	0,8	0,05–0,25	0,1–2,0												
	2	2,8	12,9	1,2	0,05–0,30	0,1–2,0												
 Chipbreaker CNGA120404TM-M2 CNGA120408TM-M2 CNGA120412TM-M2	2	2,8	12,9	0,4	0,05–0,20	0,1–0,5												
	2	2,7	12,9	0,8	0,05–0,25	0,1–1,0												
	2	2,8	12,9	1,2	0,05–0,30	0,1–1,0												
 CNGA120404TM-2 CNGA120408TM-2 CNGA120412TM-2	2	2,8	12,9	0,4	0,05–0,20	0,1–1,0												
	2	2,7	12,9	0,8	0,05–0,25	0,1–1,0												
	2	2,8	12,9	1,2	0,05–0,30	0,1–1,0												
 CNGA120408TM-4	4	2,7	12,9	0,8	0,05–0,25	0,1–1,0												

See the ISO 1832 designation key for dimensions

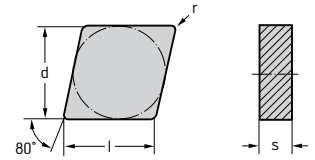
Ordering example for the grade WBH10C: CNGA120404TM-MW2 WBH10C

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

CBN – Negative rhombic 80° CNGN



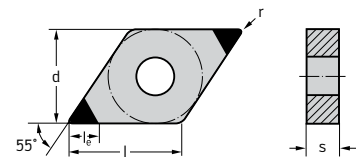
Indexable inserts

Designation	Number of cutting edges	l mm	r mm	f mm	a _p mm	K BH WBK30	
	CNGN120412TM-S	4	12.9	1.2	0.05–0.50	0.1–5.0	
	CNGN120416TM-S	4	12.9	1.6	0.05–0.50	0.1–5.0	

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBK30: CNGN120408TM-S WBK30

BH = CBN with high CBN content

CBN – Negative rhombic 55° DNGA



Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	f mm	a _p mm	K		S		H				
							BH	BH	BH	BC	BL	BH			
	DNGA150404TM-MW2	2	2.9	15.5	0.4	0.05–0.20	0.1–0.5								
	DNGA150408TM-MW2	2	2.8	15.5	0.8	0.05–0.25	0.1–1.0								
	DNGA150604TM-MW2	2	2.9	15.5	0.4	0.05–0.20	0.1–0.5								
	DNGA150612TM-MW2	2	2.8	15.5	1.2	0.05–0.30	0.1–1.0								
	DNGA150404EM-2	2	2.9	15.5	0.4	0.05–0.20	0.1–0.5								
	DNGA150408EM-2	2	2.8	15.5	0.8	0.05–0.25	0.1–1.0								
	DNGA150604TS-2	2	2.9	15.5	0.4	0.05–0.20	0.1–2.0								
	DNGA150608TS-2	2	2.8	15.5	0.8	0.05–0.25	0.1–2.0								
	DNGA150612TS-2	2	2.8	15.5	1.2	0.05–0.30	0.1–2.0								
	DNGA150404TM-M2	2	2.9	15.5	0.4	0.05–0.20	0.1–0.5								
	DNGA150408TM-M2	2	2.8	15.5	0.8	0.05–0.25	0.1–1.0								
	DNGA150604TM-M2	2	2.9	15.5	0.4	0.05–0.20	0.1–0.5								
	DNGA150608TM-M2	2	2.8	15.5	0.8	0.05–0.25	0.1–1.0								
	DNGA150612TM-M2	2	2.8	15.5	1.2	0.05–0.30	0.1–1.0								

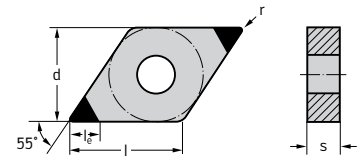
See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10C: DNGA150404TM-MW2 WBH10C

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

WALTER SELECT

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

CBN – Negative rhombic 55° DNGA



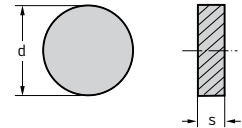
Indexable inserts

Designation	Number of cutting edges	l_e mm	l mm	r mm	f mm	a_p mm	K		S		H		
							BH	BH	BC	BL	BH		
							WBK20	WBS10	WBH10C	WBH20C	WBH10	WBH20	WBH30
	DNGA150404TM-2	2	2,9	15,5	0,4	0,05–0,20	0,1–0,5			☺	☺	☺	
	DNGA150408TM-2	2	2,8	15,5	0,8	0,05–0,25	0,1–1,0			☺	☺	☺	
	DNGA150604TM-2	2	2,9	15,5	0,4	0,05–0,20	0,1–0,5			☺	☺	☺	☺
	DNGA150608TM-2	2	2,8	15,5	0,8	0,05–0,25	0,1–1,0			☺	☺	☺	☺
	DNGA150612TM-2	2	2,8	15,5	1,2	0,05–0,30	0,1–1,0			☺	☺	☺	☺
	DNGA150608TM-4	4	2,8	15,5	0,8	0,05–0,25	0,1–1,0			☺			

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

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

CBN – Negative round RNGN



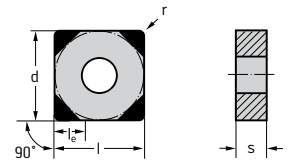
Indexable inserts

Designation	d mm	f mm	a_p mm	K		
				BH	BH	
				WBK20	WBK30	
	RNGN120400TS-0	12,7	0,05–0,40	0,1–5,0	☺	
	RNGN120400TM-S	12,7	0,05–0,40	0,1–5,0		☺



Ordering example for the grade WBK20: RNGN120400TS-0 WBK20

BH = CBN with high CBN content

CBN – Negative square SNGA



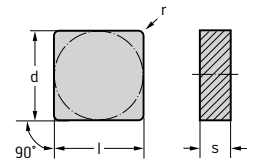
Indexable inserts

Designation	Number of cutting edges	l_e mm	r mm	f mm	a_p mm	K		
						BH	BL	BH
 SNGA120408TS-4 SNGA120412TS-4	4	2,8	0,8	0,05–0,30	0,1–2,0	WBK20		
	4	2,8	1,2	0,05–0,30	0,1–2,0	WBK20		
 SNGA120408TM-4 SNGA120412TM-4	4	2,8	0,8	0,05–0,30	0,1–1,0	WBK20	WBH20	WBH30
	4	2,8	1,2	0,05–0,30	0,1–1,0	WBK20	WBH20	WBH30


See the ISO 1832 designation key for dimensions
Ordering example for the grade WBK20: SNGA120408TS-4 WBK20

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

CBN – Negative square SNGN



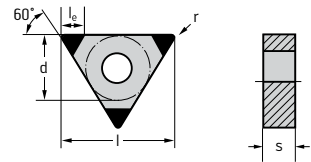
Indexable inserts

Designation	Number of cutting edges	r mm	f mm	a_p mm	K	
					BH	WBK30
 SNGN120408TM-S SNGN120412TM-S SNGN120416TM-S	8	0,8	0,05–0,50	0,1–5,0		WBK30
	8	1,2	0,05–0,50	0,1–5,0		WBK30
	8	1,6	0,05–0,50	0,1–5,0		WBK30



Ordering example for the grade WBK30: SNGN120408TM-S WBK30

BH = CBN with high CBN content

CBN – Negative triangular 60° TNGA



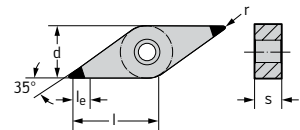
Indexable inserts

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

CBN – Negative rhombic 35° VNGA



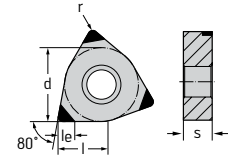
Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	f mm	a _p mm	K		H		
							BH	BC	BL	BH	
							WBK20	WBH10C	WBH10	WBH20	WBH30
 VNGA160404TS-2 VNGA160408TS-2	2	3	16,61	0,4	0,05–0,20	0,1–2,0	☹				
	2	3	16,61	0,8	0,05–0,20	0,1–2,0	☹				
 VNGA160404TM-2 VNGA160408TM-2	2	3	16,61	0,4	0,05–0,20	0,1–0,5	☺	☺	☺	☺	☺
	2	3	16,61	0,8	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

CBN – Negative Trigon 80° WNGA



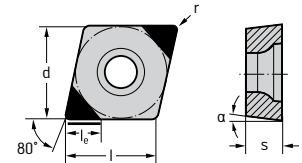
Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	f mm	a _p mm	K			
							BH	BL	BH	BH
							WBK20	WBH10	WBH20	WBH30
 WNGA080408TS-3	3	2,8	8,69	0,8	0,05–0,25	0,1–2,0	☺			
 WNGA080408TM-3	3	2,8	8,69	0,8	0,05–0,25	0,1–1,0	☺	☺	☺	☺




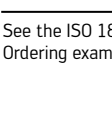


See the ISO 1832 designation key for dimensions
Ordering example for the grade WBK20: WNGA080408TS-3 WBK20

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

CBN – Positive rhombic 80° CCGW



Indexable inserts

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

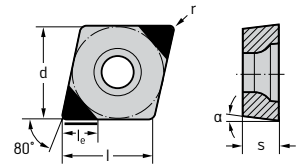
See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10C: CCGW09T304TS-MW2 WBH10C

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


WALTER SELECT

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

CBN – Positive rhombic 80° CCGW



Indexable inserts

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

See the ISO 1832 designation key for dimensions

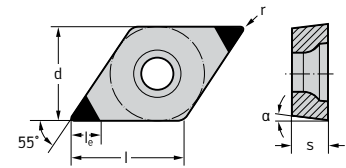
Ordering example for the grade WBH10C: CCGW09T304TS-MW2 WBH10C

BH = CBN with high CBN content




BC = coated CBN

BL = CBN with low CBN content

CBN – Positive rhombic 55° DCGW



Indexable inserts

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

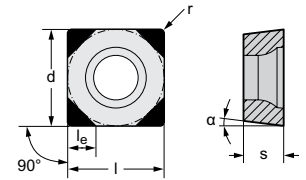
BC = coated CBN

BL = CBN with low CBN content


WALTER SELECT

Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

CBN – Positive square SCGW



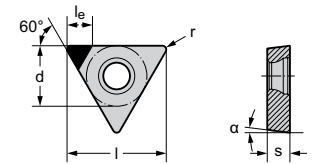
Indexable inserts

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


Ordering example for the grade WBK20: SCGW09T304TS-4 WBK20

BH = CBN with high CBN content

CBN – Positive triangular 60° TCGW



Indexable inserts

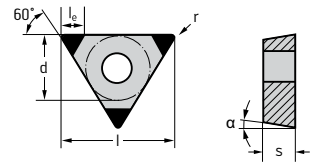
Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	K		
								BH	H	BL
								WBK20	WBH10	WBH20
 TCGW06T102TS-1 TCGW06T104TS-1	1	2,4	6,87	0,2	7°	0,02–0,12	0,1–0,3	⊕	⊕	⊕
	1	2,2	6,87	0,4	7°	0,02–0,12	0,1–0,3	⊕	⊕	⊕

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

CBN – Positive triangular 60° TCGW



Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	K					
								BH	BC		H		
								WBK20	WBH10C	WBH20C	WBH10	WBH20	WBH30
 TCGW110202TS-3 TCGW110204TS-3	3	2,8	11	0,2	7°	0,05–0,15	0,1–0,3	☺					
	3	3,1	11	0,4	7°	0,05–0,20	0,1–0,3	☺					
 TCGW110204TM-3 TCGW110208TM-3	3	3,1	11	0,4	7°	0,05–0,20	0,1–0,3	☺	☺	☺	☺	☺	☺
	3	2,8	11	0,8	7°	0,05–0,25	0,1–0,5	☺	☺	☺	☺	☺	☺

See the ISO 1832 designation key for dimensions

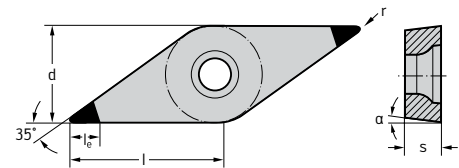
Ordering example for the grade WBK20: TCGW110202TS-3 WBK20

BH = CBN with high CBN content



BC = coated CBN

BL = CBN with low CBN content

CBN – Positive rhombic 35° VBGW



Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	H			
								BC	BL	BH	
								WBH20C	WBH10	WBH20	WBH30
 VBGW160404TS-2 VBGW160408TS-2	2	3	16,61	0,4	5°	0,05–0,20	0,1–0,5		☺		
	2	3	16,61	0,8	5°	0,05–0,25	0,1–0,5		☺		
 VBGW110304TM-2 VBGW160402TM-2 VBGW160404TM-2 VBGW160408TM-2	2	3	11,07	0,4	5°	0,05–0,20	0,1–0,5		☺	☺	
	2	3,4	16,61	0,2	5°	0,05–0,25	0,1–0,5		☺	☺	☺
	2	3	16,61	0,4	5°	0,05–0,20	0,1–0,5		☺	☺	☺
	2	3	16,61	0,8	5°	0,05–0,25	0,1–0,5		☺	☺	☺

See the ISO 1832 designation key for dimensions

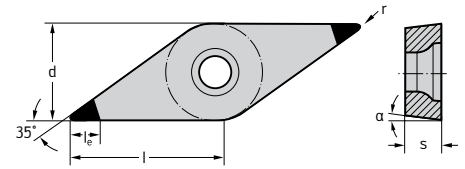
Ordering example for the grade WBH10: VBGW160404TS-2 WBH10

BC = coated CBN




BL = CBN with low CBN content

BH = CBN with high CBN content

CBN – Positive rhombic 35° VCGW



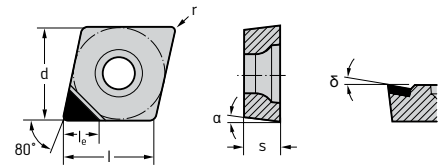
Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	S			H			
								WBS10	BH	BC	WBH20C	WBH10	BL	
 VCGW110302EM-2	2	3,4	11,07	0,2	7°	0,05–0,15	0,1–0,3	☺						
VCGW110304EM-2	2	3	11,07	0,4	7°	0,05–0,20	0,1–0,3	☺						
VCGW160404EM-2	2	3	16,61	0,4	7°	0,05–0,20	0,1–0,5	☺						
VCGW160408EM-2	2	3	16,61	0,8	7°	0,05–0,25	0,1–0,5	☺						
 VCGW110302TS-2	2	3,4	11,07	0,2	7°	0,05–0,15	0,1–0,3				☺			
VCGW160404TS-2	2	3	16,61	0,4	7°	0,05–0,20	0,1–0,5					☺		
VCGW160408TS-2	2	3	16,61	0,8	7°	0,05–0,25	0,1–0,5						☺	
 VCGW160404TM-2	2	3	16,61	0,4	7°	0,05–0,20	0,1–0,5						☺	
VCGW160408TM-2	2	3	16,61	0,8	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

PCD – Positive rhombic 80° CCGT / CCGW



Indexable inserts

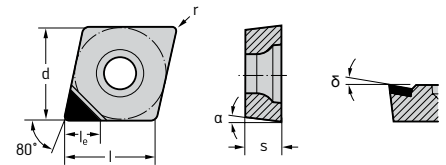
Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	N	O		
										DP	DP
 Chipbreaker	CCGT060204FS-M1	1	3,5	6,45	0,4	7°	25°	0,08–0,20	0,1–2,0	☺	☺
	CCGT09T304FS-M1	1	4	9,67	0,4	7°	25°	0,08–0,20	0,1–2,0	☺	☺
	CCGT060202FS-1	1	3,5	6,45	0,2	7°	7°	0,03–0,12	0,1–3,0	☺	☺
	CCGT060204FS-1	1	3,5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

PCD – Positive rhombic 80° CPGW



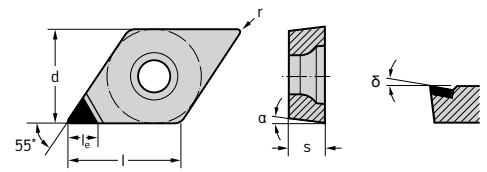
Indexable inserts

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

PCD – Positive rhombic 55° DCGT / DCGW



Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	N			
								DP	DP		
								WDN10	WDN10		
	DCGT070204FS-M1	1	3,5	7,75	0,4	7°	25°	0,08–0,20	0,1–2,0	☺	☺
	DCGT11T304FS-M1	1	4	11,63	0,4	7°	25°	0,08–0,20	0,1–2,0	☺	☺
	DCGT070202FS-1	1	3,7	7,75	0,2	7°	7°	0,03–0,12	0,1–3,0	☺	☺
	DCGT070204FS-1	1	3,5	7,75	0,4	7°	7°	0,03–0,25	0,1–3,0	☺	☺
	DCGT11T302FS-1	1	4,2	11,63	0,2	7°	10°	0,03–0,12	0,1–3,5	☺	☺
	DCGT11T304FS-1	1	4	11,63	0,4	7°	10°	0,03–0,25	0,1–3,0	☺	☺
	DCGT11T308FS-1	1	4	11,63	0,8	7°	10°	0,03–0,38	0,1–3,5	☺	☺
	DCGW070202FS-1	1	3,7	7,75	0,2	7°	0°	0,03–0,12	0,1–3,0	☺	☺
	DCGW070204FS-1	1	3,5	7,75	0,4	7°	0°	0,03–0,25	0,1–3,0	☺	☺
	DCGW070208FS-1	1	3,5	7,75	0,8	7°	0°	0,03–0,38	0,1–3,0	☺	☺
	DCGW11T302FS-1	1	4,2	11,63	0,2	7°	0°	0,03–0,12	0,1–3,5	☺	☺
	DCGW11T304FS-1	1	4	11,63	0,4	7°	0°	0,03–0,25	0,1–3,5	☺	☺
	DCGW11T308FS-1	1	4	11,63	0,8	7°	0°	0,03–0,38	0,1–3,5	☺	☺

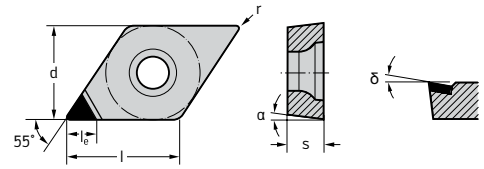
See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: DCGT070204FS-M1 WDN10

DP = Polycrystalline diamond


WALTER SELECT

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

PCD – Positive rhombic 55°
DPGW



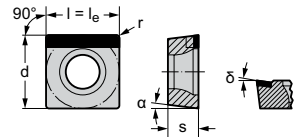
Indexable inserts

Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	N	
								WDN10	WDN10
 DPGW070204FS-1	1	3,5	7,75	0,4	11°	0°	0,03–0,25	0,1–3,0	☺ ☺
DPGW11T304FS-1	1	4	11,63	0,4	11°	0°	0,03–0,25	0,1–3,5	☺ ☺
DPGW11T308FS-1	1	4	11,63	0,8	11°	0°	0,03–0,38	0,1–3,5	☺ ☺


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

DP = Polycrystalline diamond

PCD – Positive square
SCGW



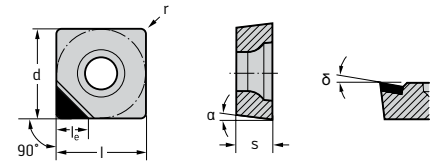
Indexable inserts

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

PCD – Positive square SPGW



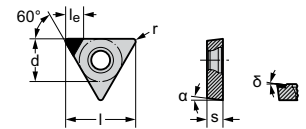
Indexable inserts

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



See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: SPGW09T308FS-1 WDN10

DP = Polycrystalline diamond

PCD – Positive triangular 60° TCGW



Indexable inserts

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

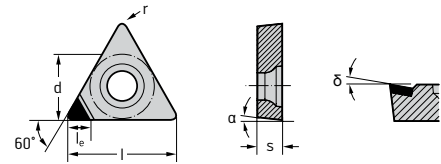
See the ISO 1832 designation key for dimensions
Ordering example for the grade WDN10: TCGW090204FS-1 WDN10

DP = Polycrystalline diamond


WALTER SELECT

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

PCD – Positive triangular 60° TPGW



Indexable inserts

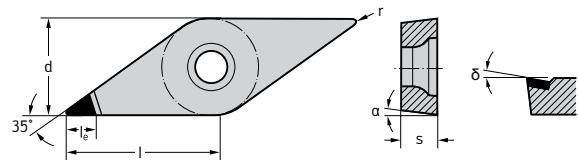
Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	N			
								WDN10	WDN10		
	TPGW110204FS-1	1	4,2	11	0,4	11°	0°	0,03–0,25	0,1–3,5	☺	☺
	TPGW110208FS-1	1	4	11	0,8	11°	0°	0,03–0,38	0,1–3,5	☺	☺
	TPGW16T304FS-1	1	4,2	16,5	0,4	11°	0°	0,03–0,25	0,1–3,5	☺	☺
	TPGW16T308FS-1	1	4	16,5	0,8	11°	0°	0,03–0,38	0,1–3,5	☺	☺

See the ISO 1832 designation key for dimensions



DP = Polycrystalline diamond

Ordering example for the grade WDN10: TPGW110204FS-1 WDN10

PCD – Positive rhombic 35° VCGT / VCGW



Indexable inserts

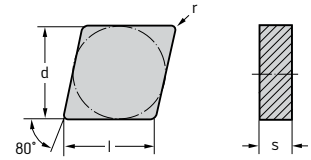
Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	N			
								WDN10	WDN10		
	VCGT110302FS-1	1	4,1	11,07	0,2	7°	10°	0,03–0,12	0,1–3,0	☺	☺
	VCGT110304FS-1	1	3,7	11,07	0,4	7°	10°	0,03–0,25	0,1–3,0	☺	☺
	VCGT160404FS-1	1	4,5	16,61	0,4	7°	10°	0,03–0,25	0,1–4,0	☺	☺
	VCGT160408FS-1	1	4,5	16,61	0,8	7°	10°	0,03–0,38	0,1–4,0	☺	☺
	VCGW110302FS-1	1	4,1	11,07	0,2	7°	0°	0,03–0,12	0,1–3,0	☺	☺
	VCGW110304FS-1	1	3,7	11,07	0,4	7°	0°	0,03–0,25	0,1–3,0	☺	☺
	VCGW110308FS-1	1	3,7	11,07	0,8	7°	0°	0,03–0,38	0,1–3,0	☺	☺
	VCGW160404FS-1	1	4,5	16,61	0,4	7°	0°	0,03–0,25	0,1–4,0	☺	☺
	VCGW160408FS-1	1	4,5	16,61	0,8	7°	0°	0,03–0,38	0,1–4,0	☺	☺

See the ISO 1832 designation key for dimensions






DP = Polycrystalline diamond

Ordering example for the grade WDN10: VCGT110302FS-1 WDN10

Ceramic – Negative rhombic 80° CNGN / CNGA



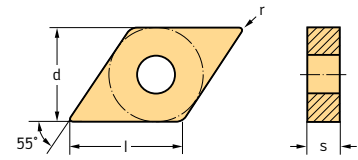
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	K		S		H
					CN	CS	CR	CC	
					WCK10	WIS10	WIS30	WWS20	WCH10C
	CNGN120408T01020	12.9	0.8	0.10–0.22	0.1–3.6				
	CNGN120412T01020	12.9	1.2	0.10–0.32	0.1–3.6				
	CNGN120708T01020	12.9	0.8	0.10–0.22	0.1–3.6				
	CNGN120712T01020	12.9	1.2	0.10–0.32	0.1–3.6				
	CNGN120716T01020	12.9	1.6	0.10–0.42	0.1–3.6				
	CNGN120712T02020	12.9	1.2	0.10–0.60	0.1–6.0				
 Wiper	CNGA120404SM-MWS	12.9	0.4	0.05–0.25	0.1–0.5				
	CNGA120408SM-MWS	12.9	0.8	0.05–0.30	0.1–1.0				
	CNGA120412SM-MWS	12.9	1.2	0.05–0.35	0.1–1.0				
	CNGA120404SM-S	12.9	0.4	0.05–0.20	0.1–0.5				
	CNGA120408SM-S	12.9	0.8	0.05–0.25	0.1–1.0				
	CNGA120412SM-S	12.9	1.2	0.05–0.30	0.1–1.0				
	CNGA120408T02020	12.9	0.8	0.10–0.40	0.1–6.0				
	CNGA120412T02020	12.9	1.2	0.10–0.60	0.1–6.0				
	CNGA120416T02020	12.9	1.6	0.10–0.60	0.1–6.0				



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

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

Ceramic – Negative rhombic 55° DNGA



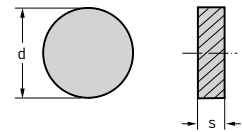
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	Material	
					K CN	H CC
 DNGA150404SM-S DNGA150408SM-S DNGA150412SM-S DNGA150604SM-S DNGA150608SM-S DNGA150612SM-S	15,5	0,4	0,05–0,20	0,1–0,5	WCK10	WCH10C
	15,5	0,8	0,05–0,25	0,1–1,0	☺	☺
	15,5	1,2	0,05–0,30	0,1–1,0	☺	☺
	15,5	0,4	0,05–0,20	0,1–0,5	☺	☺
	15,5	0,8	0,05–0,25	0,1–1,0	☺	☺
	15,5	1,2	0,05–0,30	0,1–1,0	☺	☺
 DNGA150608T02020 DNGA150612T02020	15,5	0,8	0,10–0,40	0,1–5,0	☺	
	15,5	1,2	0,10–0,60	0,1–5,0	☺	



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 – Negative round RNGN



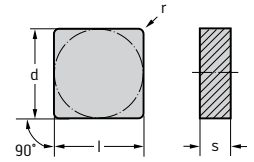
Indexable inserts

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

Ceramic – Negative square SNGN / SNGA



Indexable inserts

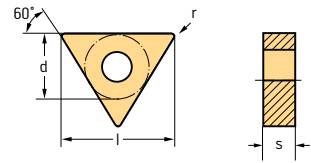
Designation	r mm	f mm	a _p mm	Material / Coating			
				K CN	S CS	H CR	CC
 SNGN120708T01020 SNGN120712T01020	0.8	0.10–0.22	0.1–3.6	WCK10	WIS10	WWS20	WCH10C
	1.2	0.10–0.32	0.1–3.6	☺	☺	☺	
 SNGN120412T02020 SNGN120416T02020 SNGN120712T02020	1.2	0.10–0.60	0.1–5.0	☺			
	1.6	0.10–0.60	0.1–5.0	☺			
	1.2	0.10–0.60	0.1–5.0	☺			
 SNGA120408SM-S SNGA120412SM-S	0.8	0.05–0.30	0.1–1.0				☺
	1.2	0.05–0.30	0.1–1.0				☺
 SNGA120408T02020 SNGA120412T02020 SNGA120416T02020	0.8	0.10–0.40	0.1–5.0	☺			
	1.2	0.10–0.60	0.1–5.0	☺			
	1.6	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

Ceramic – Negative triangular 60° TNGA



Indexable inserts

Designation	r mm	f mm	a _p mm	Material	
				WCK10	WCH10C
 TNGA160404SM-S TNGA160408SM-S TNGA160412SM-S	0,4	0,05–0,20	0,1–0,5	K	H
	0,8	0,05–0,25	0,1–1,0	CN	CC
	1,2	0,05–0,30	0,1–1,0	WCK10	WCH10C
 TNGA160408T02020 TNGA160412T02020	0,8	0,10–0,40	0,1–5,0	☹	
	1,2	0,10–0,60	0,1–5,0	☹	

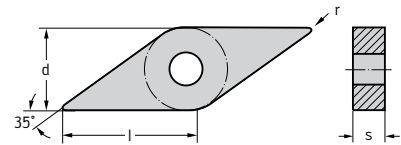
See the ISO 1832 designation key for dimensions

Ordering example for the grade WCH10C: TNGA160404SM-S WCH10C


CN = Silicon nitride Si₃N₄

CC = Coated ceramic

Ceramic – Negative rhombic 35° VNGA



Indexable inserts

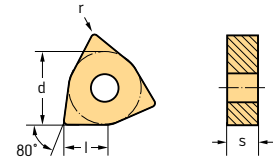
Designation	l mm	r mm	f mm	a _p mm	Material	
					WCK10	WCH10C
 VNGA160404SM-S VNGA160408SM-S VNGA160412SM-S	16,61	0,4	0,05–0,20	0,1–0,5	H	CC
	16,61	0,8	0,05–0,23	0,1–0,5	☹	
	16,61	1,2	0,05–0,25	0,1–0,7	☹	

See the ISO 1832 designation key for dimensions





Ordering example for the grade WCH10C: VNGA160404SM-S WCH10C

CC = Coated ceramic

Ceramic – Negative Trigon 80° WNGA



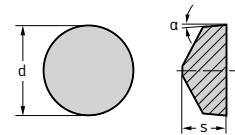
Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	Material	
					WCK10 CN	WCH10C CC
 Wiper 	WNGA080404SM-MWS	8,69	0,4	0,05–0,25	0,1–0,5	☺
	WNGA080408SM-MWS	8,69	0,8	0,05–0,30	0,1–1,0	☺
	WNGA080404SM-S	8,69	0,4	0,05–0,20	0,1–0,5	☺
	WNGA080408SM-S	8,69	0,8	0,05–0,25	0,1–1,0	☺
	WNGA080408T02020	8,69	0,8	0,10–0,40	0,1–5,0	☹
	WNGA080412T02020	8,69	1,2	0,10–0,60	0,1–5,0	☹



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

CN = Silicon nitride Si₃N₄
 CC = Coated ceramic

Ceramic – Positive round RCGX



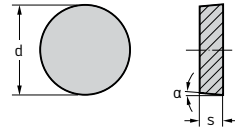
Indexable inserts

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



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

CS = Uncoated ceramic SIAION
CR = Reinforced ceramic

Ceramic – Positive round RPGN

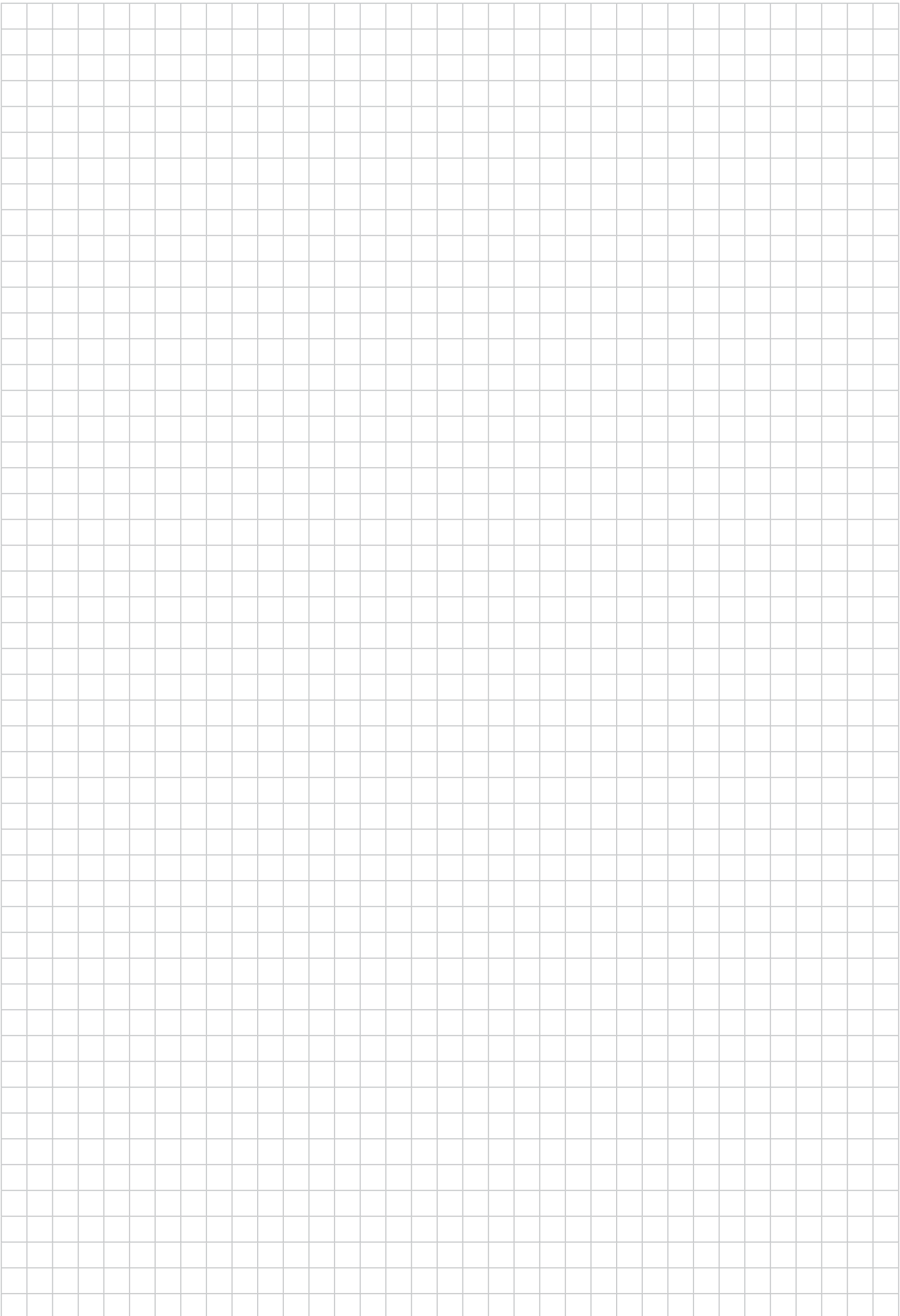


Indexable inserts

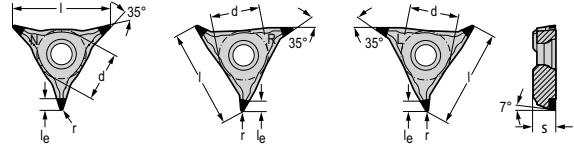
Designation	d mm	α	f mm	a_p mm	S	
					WIS10	WIS30
 RPGN090300E RPGN120400E	9,525	11°	0,10–0,20	0,1–2,4	☺	☹
	12,7	11°	0,10–0,30	0,1–3,6	☺	☹
 RPGN090300T01020 RPGN120400T01020	9,525	11°	0,10–0,25	0,2–2,4	☺	☹
	12,7	11°	0,10–0,32	0,2–3,6	☺	☹

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

CS = Uncoated ceramic SIAION



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



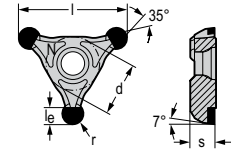
Indexable inserts

Designation	Number of cutting edges	r mm	l mm	le mm	f mm	ap mm	H	
							BC	WBH20C
 WL25-VC0704NTM-3 WL25-VC0708NTM-3	3	0,4	25	3	0,05–0,20	0,1–0,5	☺	☺
	3	0,8	25	3	0,05–0,25	0,1–0,5	☹	☹
 WL25-VC0704RTM-3 WL25-VC0708RTM-3	3	0,4	25	3	0,05–0,20	0,1–0,5	☺	☺
	3	0,8	25	3	0,05–0,25	0,1–0,5	☹	☹
 WL25-VC0704LTM-3 WL25-VC0708LTM-3	3	0,4	25	3	0,05–0,20	0,1–0,5	☺	☺
	3	0,8	25	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	l _e mm	f mm	a _p mm	H
							BC
 WL25-RC0420NTM-3 WL25-RC0525NTM-3	3	2	25	3,2	0,02–0,50	0,1–2,0	WBH20C
	3	2,5	25	5	0,02–0,50	0,1–2,5	WBH20C

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

BC = coated CBN

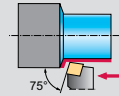
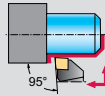
WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Square-shank turning toolholders – Negative basic shape

Type



Machining



Designation	DCLN	DCLN...-P	PCLN	DCBN
Approach angle	95°	95°	95°	75°
Clamping system	Claw	Claw	Lever-type	Claw
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	16–32	20–32	16–50	25–32
Shank size h [Inch]	0,625–1,500	0,750–1,000		
Insert size l [mm]	9–19	12–16	9–25	12–19
Page in catalogue	A 108	A 108	A 116	A 118

QR code


www.walter-tools.com/woc/

DCLN

DCLN-P

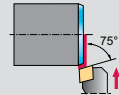
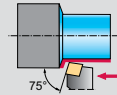
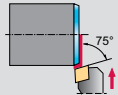
PCLN

DCBN

Type



Machining



Designation	DCKN	DCRN	PCBN	PCKN
Approach angle	75°	75°	75°	75°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	25–32		25–32	25
Shank size h [Inch]	1,000–1,250	1,000–1,250		
Insert size l [mm]	12–16	12–19	12–19	12
Page in catalogue	A 121	A 119	A 120	A 124

QR code


www.walter-tools.com/woc/

DCKN

DCRN

PCBN

PCKN

Square-shank turning toolholders – Negative basic shape

Type				
Machining				
Designation	PCSN	DDHN	DDQN	DDJN
Approach angle	45°	107,5°	107,5°	93°
Clamping system	Lever-type	Claw	Claw	Claw
Coolant supply	External	External	External	External
Shank size h [mm]	25	20–25		20–32
Shank size h [Inch]			1,000–1,250	0,625–1,500
Insert size l [mm]	12	15	15	11–15
Page in catalogue	A 125	A 126	A 127	A 128
QR code				
	www.walter-tools.com/woc/ PCSN	www.walter-tools.com/woc/ DDHN	www.walter-tools.com/woc/ DDQN	www.walter-tools.com/woc/ DDJN

Type				
Machining				
Designation	DDJN...-P	PDJN	DDNN	DDPN
Approach angle	93°	93°	62,5°	62,5°
Clamping system	Claw	Lever-type	Claw	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–25	16–32	20–32	
Shank size h [Inch]	0,750–1,000			0,750–1,250
Insert size l [mm]	11–15	11–15	11–15	15
Page in catalogue	A 128	A 135	A 136	A 134
QR code				
	www.walter-tools.com/woc/ DDJN-P	www.walter-tools.com/woc/ PDJN	www.walter-tools.com/woc/ DDNN	www.walter-tools.com/woc/ DDPN

Square-shank turning toolholders – Negative basic shape

Type				
Machining				
Designation	DSBN	DSKN	DSRN	DSBN...-P
Approach angle	75°	75°	75°	75°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	25–40	25–32		25
Shank size h [Inch]			0,750–1,500	
Insert size l [mm]	12–19	12–15	12–25	12
Page in catalogue	A 137	A 140	A 139	A 137
QR code				
	www.walter-tools.com/woc/DSBN	www.walter-tools.com/woc/DSKN	www.walter-tools.com/woc/DSRN	www.walter-tools.com/woc/DSBN-P

Type				
Machining				
Designation	PSKN	DSDN	DSSN	DSSN...-P
Approach angle	75°	45°	45°	45°
Clamping system	Lever-type	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	20–32	20–32	20–32	25
Shank size h [Inch]		0,625–1,500	1,000	
Insert size l [mm]	12–19	9–25	12–19	12
Page in catalogue	A 141	A 147	A 142	A 142
QR code				
	www.walter-tools.com/woc/PSKN	www.walter-tools.com/woc/DSDN	www.walter-tools.com/woc/DSSN	www.walter-tools.com/woc/DSSN-P

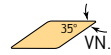
Square-shank turning toolholders – Negative basic shape

Type				
Machining				
Designation	PSDN	PSSN	DTJN	MTJN
Approach angle	45°	45°	93°	93°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	External	External	External
Shank size h [mm]	12–40	16–32		20–32
Shank size h [Inch]			0,750–1,250	
Insert size l [mm]	9–25	9–19	16–27	16–22
Page in catalogue	A 150	A 146	A 154	A 151
QR code				
	www.walter-tools.com/woc/PSDN	www.walter-tools.com/woc/PSSN	www.walter-tools.com/woc/DTJN	www.walter-tools.com/woc/MTJN

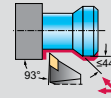
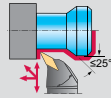
Type				
Machining				
Designation	DTGN	DTGN...-P	PTFN	PTGN
Approach angle	91°	91°	91°	91°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	20–32	20–25	16–32	16–40
Shank size h [Inch]				
Insert size l [mm]	16–22	16	16	11–27
Page in catalogue	A 152	A 152	A 156	A 155
QR code				
	www.walter-tools.com/woc/DTGN	www.walter-tools.com/woc/DTGN-P	www.walter-tools.com/woc/PTFN	www.walter-tools.com/woc/PTGN

Square-shank turning toolholders – Negative basic shape

Type



Machining



Designation	DVPN	DVTN	DVJN	DVJN...-P
Approach angle	117,5°	117,5°	93°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	25–32		20–32	20–25
Shank size h [Inch]		0,750–1,250	0,750–1,250	0,750–1,000
Insert size l [mm]	16	16	16	16
Page in catalogue	A 157	A 164	A 158	A 158

QR code


www.walter-tools.com/woc/

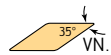
DVPN

DVTN

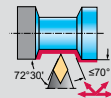
DVJN

DVJN-P

Type



Machining



Designation	DVVN	DWLN	DWLN...-P	PWLN
Approach angle	72,5°	95°	95°	95°
Clamping system	Claw	Claw	Claw	Lever-type
Coolant supply	External	External	Precision cooling	External
Shank size h [mm]	20–32	16–32	20–25	16–32
Shank size h [Inch]	0,750–1,250	0,750–1,250	0,750–1,000	
Insert size l [mm]	16	6–10	8	6–10
Page in catalogue	A 162	A 165	A 165	A 170

QR code


www.walter-tools.com/woc/

DVVN

DWLN

DWLN-P

PWLN

Square-shank turning toolholders – Positive basic shape

Type					
Machining					
Designation	SCLC...-S-P	SDHC	SDJC...-S-P	DDJC...-P	
Approach angle	95°	107,5°	93°	93°	
Clamping system	Screw	Screw	Screw	Claw	
Coolant supply	Precision cooling	External	Precision cooling	Precision cooling	
Shank size h [mm]	12–16	12–25	12–16	20–25	
Shank size h [Inch]					
Insert size l [mm]	9	7–11	11	11	
Page in catalogue	A 171	A 172	A 174	A 173	
QR code					
	www.walter-tools.com/woc/	SCLC-S-P	SDHC	SVJC-S-P	DDJC-P

Type					
Machining					
Designation	SDNC	SRDC	SRSC	PRDC	
Approach angle	62,5°	0°	0°	0°	
Clamping system	Screw	Screw	Screw	Lever-type	
Coolant supply	External	External	External	External	
Shank size h [mm]	10–25	12–32	20–32	20–50	
Shank size h [Inch]		0,500–1,250	1,000		
Insert size l [mm]	7–11	6–16	6–16	10–32	
Page in catalogue	A 175	A 176	A 179	A 178	
QR code					
	www.walter-tools.com/woc/	SDNC	SRDC	SRSC	PRDC

Square-shank turning toolholders – Positive basic shape

Type	RC..	SC..	TC..	
Machining				
Designation	PRGC	SSDC	SSDCN	STGC
Approach angle	0°	45°	45°	91°
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	External	External	Precision cooling	Precision cooling
Shank size h [mm]	20–40	16–25	12–25	12–25
Shank size h [Inch]			0,375–0,750	0,375–1,000
Insert size l [mm]	10–25	9–12	6–12	11–16
Page in catalogue	A 181	A 182	A 182	A 185
QR code				
www.walter-tools.com/woc/	PRGC	SSDC	SSDCN	STGC

Type		VB../VC..		
Machining				
Designation	SVHB	SVJB	SVJB...-S-P	DVJB...-P
Approach angle	107,5°	93°	93°	93°
Clamping system	Lever-type	Screw	Lever-type	Screw
Coolant supply	External	External	External	External
Shank size h [mm]	16–32	12–32	12–16	20–25
Shank size h [Inch]		0,500–1,000		
Insert size l [mm]	11–16	11–16	11	16
Page in catalogue	A 187	A 189	A 189	A 188
QR code				
www.walter-tools.com/woc/	SVHB	SVJB	SVJB-S-P	DVJB-P

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	Screw	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	A 192	A 193	A 195	A 196

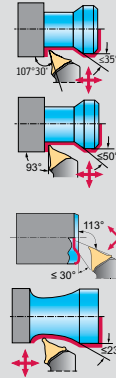
QR code				
www.walter-tools.com/woc/	PVJB	SVVB	PVVB	SWLC

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	Screw	Screw	Screw
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	16–25	16–32	12–16
Shank size h [Inch]		0,750–1,000	
Insert size l [mm]	25	17–25	17
Page in catalogue	A 198	A 198	A 204

QR code


www.walter-tools.com/woc/

W1011

W1011-P

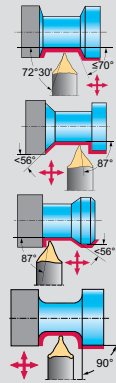
W1011-S-P

Shank tool – WL Copy turning system

Type



Machining



Designation	W1010...-P
Approach angle	72,5°
Clamping system	Screw
Coolant supply	Precision cooling
Shank size h [mm]	16–25
Shank size h [Inch]	0,750–1,000
Insert size l [mm]	17–25
Page in catalogue	A 206

QR code


www.walter-tools.com/woc/

W1010-P

Square-shank turning toolholders – Ceramic indexable inserts

Type	 RC../RP..	 RN..		
Machining				
				
Designation	CRDC	CRDN	CRSN	CRSN...-P
Approach angle	0°	0°	0°	0°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	32	25–32	25–32	25
Shank size h [Inch]				
Insert size l [mm]	9–12	12	12–15	12
Page in catalogue	A 213	A 212	A 210	A 210
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	A 214	A 216	A 217	A 219

QR code				
	www.walter-tools.com/woc/C-DCLN	www.walter-tools.com/woc/C-DCLN-P	www.walter-tools.com/woc/C-PCLN	www.walter-tools.com/woc/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	A 220	A 224	A 222	A 225

QR code				
	www.walter-tools.com/woc/C-DDJN	www.walter-tools.com/woc/C-DDUN	www.walter-tools.com/woc/C-DDJN-P	www.walter-tools.com/woc/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	Claw	Claw	Claw	Claw
Coolant supply	Precision cooling	Internal	Precision cooling	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	A 223	A 229	A 226	A 230
QR code				
www.walter-tools.com/woc/	C-PDJN	C-DSKN	C-DSRN	C-PSKN

Type				
Machining				
Designation	C...-PSRN	C...-DSDN	C...-DSSN	C...-MTJN
Approach angle	75°	45°	45°	93°
Clamping system	Claw	Lever-type	Pratze	Pratze
Coolant supply	Precision cooling	Internal	intern	intern
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	A 228	A 233	A 231	A 234
QR code				
www.walter-tools.com/woc/	C-PSRN	C-DSDN	C-DSSN	C-MTJN

Walter Capto™ turning toolholders – Negative basic shape

Type			
Machining			



Designation	C...-DTGN...-P	C...-DVJN	C...-DVJN...-P	C...-DWLN
Approach angle	91°	93°	93°	95°
Clamping system	Lever-type	Claw	Claw	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C4	C4–C8	C4–C6	C4–C6

Insert size l [mm]	16	16	16	6–10
Page in catalogue	A 235	A 236	A 237	A 238

QR code				
	www.walter-tools.com/woc/C-DTGN-P	www.walter-tools.com/woc/C-DVJN	www.walter-tools.com/woc/C-DVJN-P	www.walter-tools.com/woc/C-DWLN

Type	
Machining	



Designation	C...-DWLN...-P	C...-PWLN
Approach angle	95°	95°
Clamping system	Lever-type	Claw
Coolant supply	Internal	Internal
Walter Capto™ size	C4–C6	C3–C6

Insert size l [mm]	8	6–10
Page in catalogue	A 239	A 240

QR code		
	www.walter-tools.com/woc/C-DWLN-P	www.walter-tools.com/woc/C-PWLN

Walter Capto™ turning toolholders – Positive basic shape

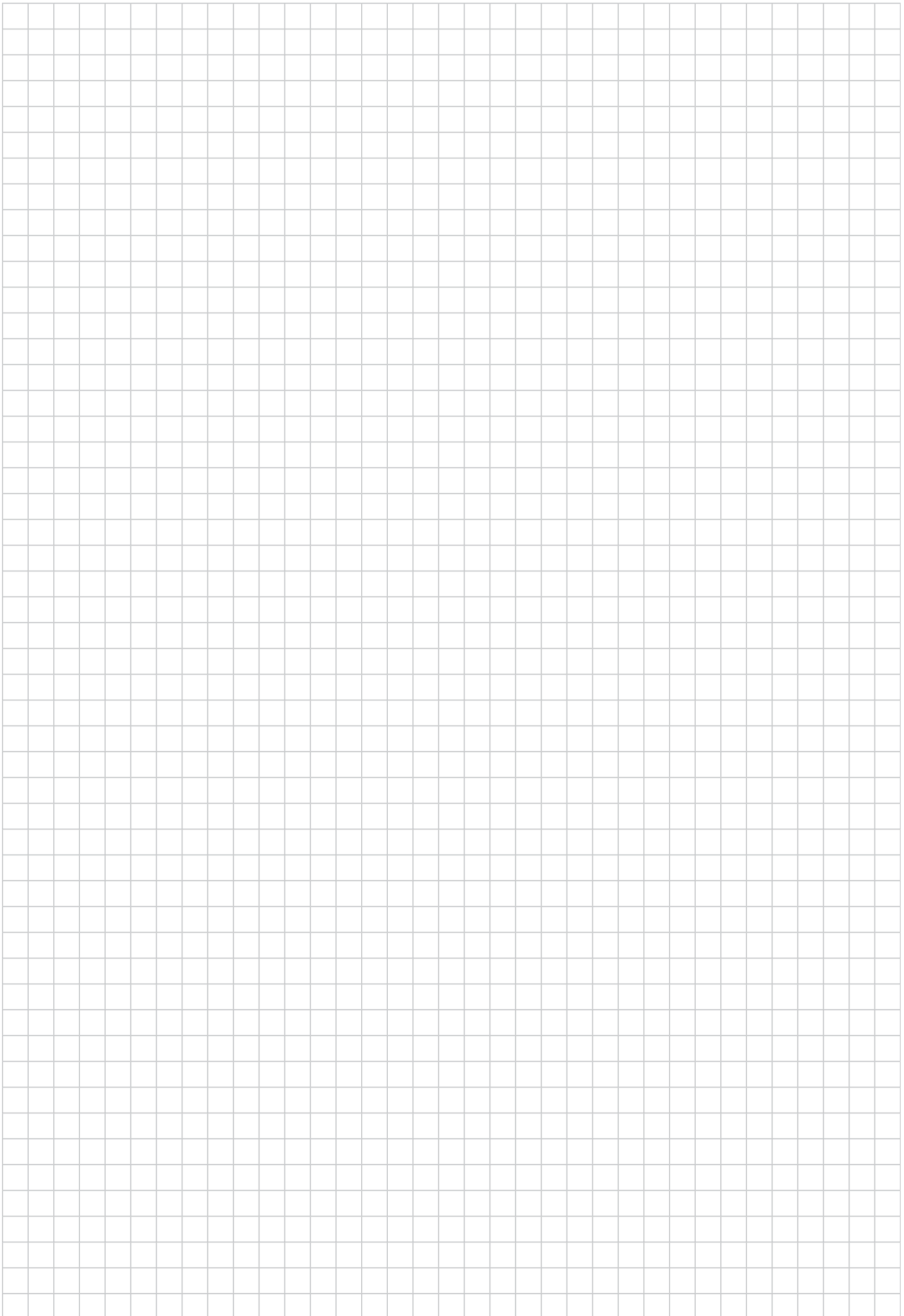
Type				
Machining				
Designation	C...-SCLC	C...-SDJC	C...-DDJC...-P	C...-SDNC
Approach angle	95°	93°	93°	62,5°
Clamping system	Screw	Screw	Claw	Screw
Coolant supply	Internal	Internal	Precision cooling	Internal
Walter Capto™ size	C3–C6	C3–C6	C4–C5	C3–C5
Insert size l [mm]	9–12	7–11	11	11
Page in catalogue	A 241	A 243	A 242	A 244
QR code				
www.walter-tools.com/woc/	C-SCLC	C-SDJC	C-DDJC-P	C-SDNC

Type				
Machining				
Designation	C...-SRDC	C...-SRSC	C...-PRDC	C...-PRSC
Approach angle	0°	0°	0°	0°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C6	C4–C6	C5–C6	C5–C8
Insert size l [mm]	6–16	6–16	16–25	16–25
Page in catalogue	A 245	A 247	A 246	A 248
QR code				
www.walter-tools.com/woc/	C-SRDC	C-SRSC	C-PRDC	C-PRSC

Walter Capto™ turning toolholders – Positive basic shape

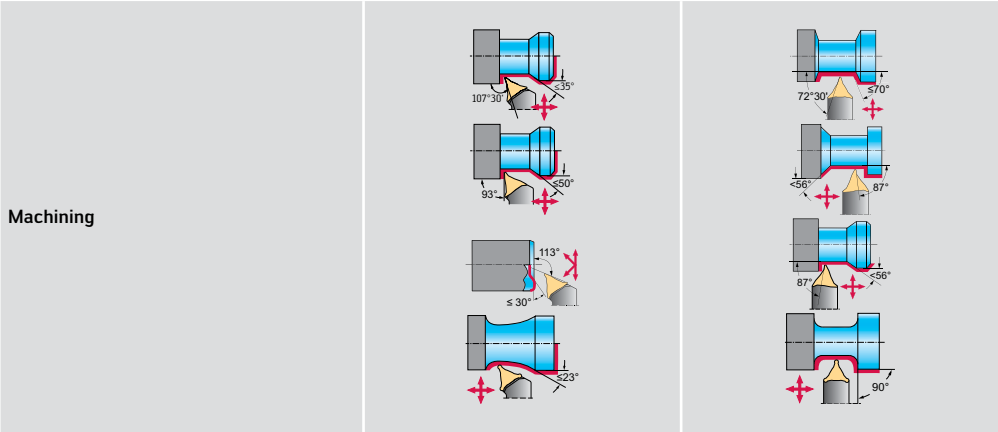
Type				
Machining				
Designation	C...-STGC	C...-SVHB	C...-SVJB	C...-DVJB...-P
Approach angle	91°	107,5°	93°	93°
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	Internal	Internal	Internal	Precision cooling
Walter Capto™ size	C4–C5	C3–C6	C3–C6	C4–C8
Insert size l [mm]	11–16	11–16	11–16	16
Page in catalogue	A 249	A 250	A 251	A 252
QR code				
	www.walter-tools.com/woc/C-STGC	www.walter-tools.com/woc/C-SVHB	www.walter-tools.com/woc/C-SVJB	www.walter-tools.com/woc/C-DVJB-P

Type	
Machining	
Designation	C...-SVVB
Approach angle	72,5°
Clamping system	Screw
Coolant supply	Internal
Walter Capto™ size	C3–C6
Insert size l [mm]	11–16
Page in catalogue	A 253
QR code	
	www.walter-tools.com/woc/C-SVVB



Walter Capto™ – WL copy turn system

Type



Designation	W1011-C...-P	W1010-C...-P
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	Precision cooling	Precision cooling
Walter Capto™ size	C4-C6	C4-C6

Insert size l [mm]	25	25
Page in catalogue	A 254	A 256

QR code



www.walter-tools.com/woc/

W1011-C-P

W1010-C-P

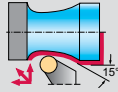
Square-shank turning toolholders – Ceramic indexable inserts

Type



RN..

Machining



Designation

C...-CRSN...-P

Approach angle

0°

Clamping system

Claw

Coolant supply

Precision cooling

Walter Capto™ size

C6

Insert size l [mm]

12

Page in catalogue

A 258

QR code


www.walter-tools.com/woc/

C-CRSN-P

Walter Capto™ turning toolholders – Turning and milling centers

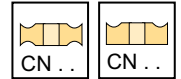
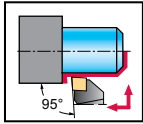
Type				
Machining				
Designation	C...-SCMC	C...-DCMN	C...-DDMN	C...-SRDC
Approach angle	95°	95°	93°	0°
Clamping system	Screw	Claw	Claw	Screw
Coolant supply	axial	axial	axial	Internal
Walter Capto™ size	C6	C5–C8	C5–C8	C6
Insert size l [mm]	12	12–16	15	10–16
Page in catalogue	A 262	A 259	A 260	A 245
QR code				
	www.walter-tools.com/woc/C-SCMC	www.walter-tools.com/woc/C-DCMN	www.walter-tools.com/woc/C-DDMN	www.walter-tools.com/woc/C-SRDC

Type		
Machining		
Designation	C...-SVMB	C...-DVMN
Approach angle	95°	95°
Clamping system	Screw	Claw
Coolant supply	axial	axial
Walter Capto™ size	C5–C6	C8
Insert size l [mm]	16	16
Page in catalogue	A 264	A 261
QR code		
	www.walter-tools.com/woc/C-SVMB	www.walter-tools.com/woc/C-DVMN

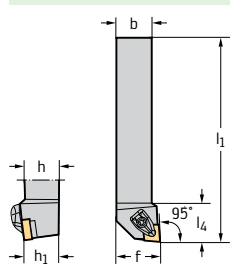
Shank tool – Rigid clamping

DCLN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

Type

DCLNR1616H12	12	16	16	100	32,2	20	-6°	-6°	CN .. 1204 ..
DCLNR2020K12	12	20	20	125	32	25	-6°	-6°	
DCLNR2525M12	12	25	25	150	32	32	-6°	-6°	
DCLNR3225P12	12	32	25	170	32	32	-6°	-6°	
DCLNR2525M16	16	25	25	150	39	32	-6°	-6°	CN .. 1606 ..
DCLNR3225P16	16	32	25	170	39	32	-6°	-6°	
DCLNR3232P16	16	32	32	170	39	40	-6°	-6°	
DCLNR3232P19	19	32	32	170	43,2	40	-6°	-6°	CN .. 1906 ..
DCLNL1616H12	12	16	16	100	32,2	20	-6°	-6°	CN .. 1204 ..
DCLNL2020K12	12	20	20	125	32	25	-6°	-6°	
DCLNL2525M12	12	25	25	150	32	32	-6°	-6°	
DCLNL3225P12	12	32	25	170	32	32	-6°	-6°	
DCLNL2525M16	16	25	25	150	39	32	-6°	-6°	CN .. 1606 ..
DCLNL3225P16	16	32	25	170	39	32	-6°	-6°	
DCLNL3232P16	16	32	32	170	39	40	-6°	-6°	
DCLNL3232P19	19	32	32	170	43,2	40	-6°	-6°	CN .. 1906 ..

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

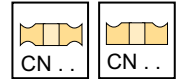
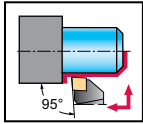
Accessories

	Type	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
	Shim for CN .. 1207 ..	AP411-CN1207		

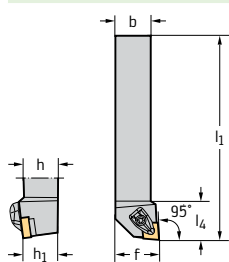
Shank tool – Rigid clamping

DCLN inch

Walter Turn



Tool







Square shank

Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type	
DCLNR103A		9	0,625	0,625	4,000	0,978	0,875	-6°	-6°	CN .. 0903 ..
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 ..
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 ..
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 ..
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 ..
DCLNL123C		9	0,750	0,750	5,000	0,978	1,000	-6°	-6°	
DCLNL104A		12	0,625	0,625	4,000	1,260	0,867	-6°	-6°	CN .. 1204 ..
DCLNL124B		12	0,750	0,750	4,500	1,260	1,000	-6°	-6°	
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 ..
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 ..
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		

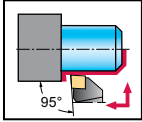
Shank tool – Rigid clamping

DCLN...-P










Walter Turn



– Precision cooling












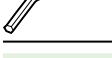
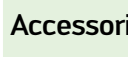
Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type	
DCLNR2020X12-P		12	20	20	115	38,5	25	-6°	-6°	CN .. 1204 ..
DCLNR2525X12-P		12	25	25	130	38,5	32	-6°	-6°	CN .. 1606 ..
DCLNR2525X16-P		16	25	25	135	43,5	32	-6°	-6°	
DCLNR3232X16-P		16	32	32	147	43,5	40	-5,5°	-6°	
DCLNL2020X12-P		12	20	20	115	38,5	25	-6°	-6°	CN .. 1204 ..
DCLNL2525X12-P		12	25	25	130	38,5	32	-6°	-6°	CN .. 1606 ..
DCLNL2525X16-P		16	25	25	135	43,5	32	-6°	-6°	
DCLNL3232X16-P		16	32	32	147	43,5	40	-5,5°	-6°	



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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	

Accessories

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

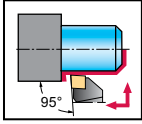
Shank tool – Rigid clamping

DCLN...-P inch

Walter Turn



– Precision cooling



Tool

Designation	h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type	
DCLNR124B-P	12	0,750	0,750	4,500	1,575	1,000	-6°	-6°	CN .. 1204 ..
DCLNR164D-P	12	1,000	1,000	6,000	1,516	1,250	-6°	-6°	
DCLNR165D-P	16	1,000	1,000	6,000	1,713	1,250	-6°	-6°	CN .. 1606 ..
DCLNL124B-P	12	0,750	0,750	4,500	1,575	1,000	-6°	-6°	CN .. 1204 ..
DCLNL164D-P	12	1,000	1,000	6,000	1,516	1,250	-6°	-6°	
DCLNL165D-P	16	1,000	1,000	6,000	1,713	1,250	-6°	-6°	CN .. 1606 ..

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	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	

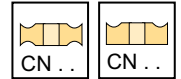
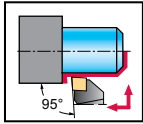
Accessories

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

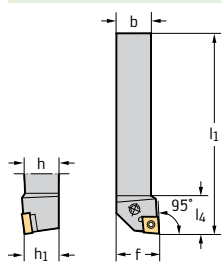
Shank tool – Lever clamping

PCLN

Walter Turn



Tool



Square shank


Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	h 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)

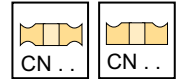
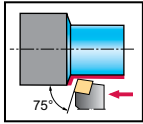
Accessories

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


Shank tool – Rigid clamping

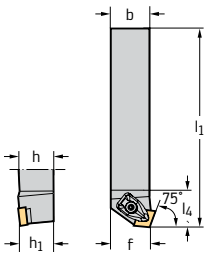
DCBN

Walter Turn



Tool



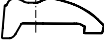



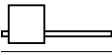

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type	
DCBNR2525M12		12	25	25	150	34,6	22	-6°	-6°	CN .. 1204 ..
DCBNR3225P12		12	32	25	170	34,6	22	-6°	-6°	
DCBNR2525M16		16	25	25	150	41,5	22	-6°	-6°	CN .. 1606 ..
DCBNR3232P16		16	32	32	170	41,6	27	-6°	-6°	
DCBNR3232P19		19	32	32	170	46,1	27	-6°	-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°	
DCBNL2525M16		16	25	25	150	41,5	22	-6°	-6°	CN .. 1606 ..
DCBNL3232P16		16	32	32	170	41,6	27	-6°	-6°	
DCBNL3232P19		19	32	32	170	46,1	27	-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	Type	CN .. 1204 .. 25–32	CN .. 1606 .. 25–32	CN .. 1906 .. 32
	Shim	AP301-CN12	AP302-CN16	AP303-CN19
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK242	PK243
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1471	FS1471
	Pin	RS117	RS117	RS117
	Torx key	FS1465 (T15IP)		
	Allen key		FS1464 (T20IP)	FS1464 (T20IP)

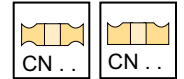
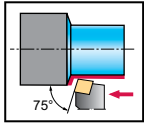
Accessories

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

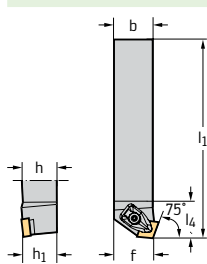
Shank tool – Rigid clamping

DCRN inch

Walter Turn



Tool



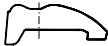



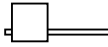



Square shank





Designation	h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
DCRNR164DM1	1,000	1,000	6,000	1,350	1,048	-6°	-6°	CN .. 1204 ..
DCRNR205D	1,250	1,250	6,000	1,640	1,291	-6°	-6°	CN .. 1606 ..
DCRNR206D	1,250	1,250	6,000	1,820	1,291	-6°	-6°	CN .. 1906 ..
DCRNL164DM1	1,000	1,000	6,000	1,350	1,048	-6°	-6°	CN .. 1204 ..
DCRNL205D	1,250	1,250	6,000	1,640	1,291	-6°	-6°	CN .. 1606 ..
DCRNL206D	1,250	1,250	6,000	1,820	1,291	-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	Type	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
h = h ₁ [inch]		1	1,25	1,25
	Shim	AP301-CN12	AP302-CN16	AP303-CN19
	Screw for shim Tightening torque	FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs	FS1463 (T20IP) 3,688 lbs
	Clamp	PK241	PK242	PK243
	Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs	FS1474 (T20IP) 4,72 lbs	FS1474 (T20IP) 4,72 lbs
	Pressure spring	FS1470	FS1471	FS1471
	Pin	RS117	RS117	RS117
	Torx key	FS1465 (T15IP)		
	Allen key		FS1464 (T20IP)	FS1464 (T20IP)

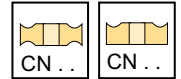
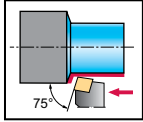
Accessories

Type	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		
	CN..1207.. Shim for basic shape	AP411-CN1207		










Shank tool – Lever clamping

PCBN

Walter Turn









Tool

Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type	
PCBNR2525M12		12	25	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°	
PCBNR3232P19		19	32	32	27	37,5	170	-6°	-6°	CN .. 1906 ..
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°	
PCBNL3232P19		19	32	32	27	37,5	170	-6°	-6°	CN .. 1906 ..


Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: CN .. 120408 / CN .. 160612 / CN .. 190612 | Refer to the Walter online 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	CN .. 1606 .. 25-32	CN .. 1906 .. 32
 Shim	AP134-CN1216	AP135-CN1624	AP136-CN1924
 Lever	KN102	KN104	KN106
 Clamping screw Tightening torque	FS352 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm	FS356 (SW 4) 10 Nm
 Shim pin	RS102	RS103	RS104
 Tapered assembly pin	MD101	MD102	MD102
 Allen key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-4 (SW 4)

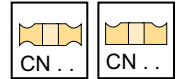
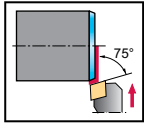
Accessories

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

Shank tool – Rigid clamping

DCKN

Walter Turn



Tool	Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type	
										CN .. 1204 ..	
	DCKNR2525M12		12	25	25	150	21,1	32	-6°	-6°	CN .. 1204 ..
	DCKNR3225P12		12	32	25	170	21,1	32	-6°	-6°	CN .. 1204 ..
	DCKNR3232P16		16	32	32	170	26	40	-6°	-6°	CN .. 1606 ..
	DCKNL2525M12		12	25	25	150	21,1	32	-6°	-6°	CN .. 1204 ..
	DCKNL3225P12		12	32	25	170	21,1	32	-6°	-6°	CN .. 1204 ..
	DCKNL3232P16		16	32	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

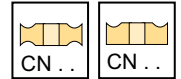
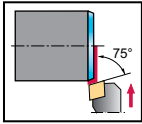
Assembly parts		Type h = h ₁ [mm]	CN .. 1204 .. 25–32	CN .. 1606 .. 32
	Shim		AP301-CN12	AP302-CN16
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK242
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring		FS1470	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 ..
DCKNR205D	16	1,250	1,250	6,000	1,065	1,500	-6°	-6°	CN .. 1606 ..
DCKNL164D	12	1,000	1,000	6,000	0,837	1,250	-6°	-6°	CN .. 1204 ..
DCKNL205D	16	1,250	1,250	6,000	1,065	1,500	-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 [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)

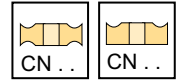
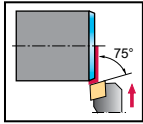
Accessories

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

Walter Turn



Tool

	Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ 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	CN .. 1204 ..
	h = h ₁ [mm]	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)

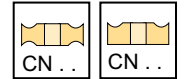
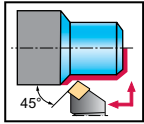
Accessories

	Type	CN .. 1204 ..
	Shim	AP134-CN1208

Shank tool – Lever clamping

PCSN

Walter Turn



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
<p>Square shank</p>	PCSNR2525M12		12	25	32	23,9	150	19,7	160	-8°	-8°	CN .. 1204 ..
	PCSNL2525M12		12	25	32	23,9	150	19,7	160	-8°	-8°	CN .. 1204 ..

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

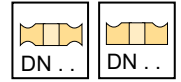
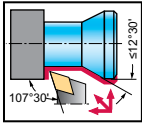
Assembly parts		
Type	h = h ₁ [mm]	CN .. 1204 ..
	Shim	AP134-CN1216
	Lever	KN102
	Clamping screw Tightening torque	FS352 (SW 3) 5 Nm
	Shim pin	RS102
	Tapered assembly pin	MD101
	Allen key	ISO2936-3 (SW 3)

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

Shank tool – Rigid clamping

DDHN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DDHNR2020K15		15	20	125	36,1	25	-6°	-7°	DN .. 1506 ..
DDHNR2525M15		15	25	150	36,1	32	-6°	-7°	DN .. 1506 ..
DDHNL2020K15		15	20	125	36,1	25	-6°	-7°	DN .. 1506 ..
DDHNL2525M15		15	25	150	36,1	32	-6°	-7°	DN .. 1506 ..

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)

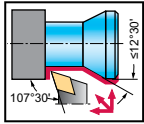
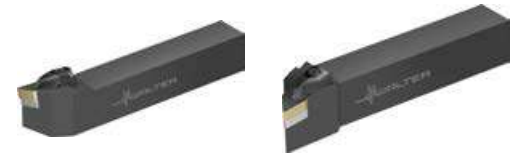
Accessories

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
	AP304-DN1504
	AP412-DN1507

Shank tool – Rigid clamping

DDQN inch

Walter Turn



Tool			$h = h_1$ inch	b inch	l_1 inch	l_4 inch	f inch	γ	λ_s	Type
	Designation									
	DDQNR164D	15	1,000	1,000	6,000	1,42	1,250	0°	7°	DN .. 1504 ..
	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 ..
	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

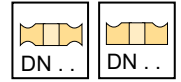
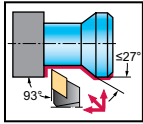
Assembly parts		Type $h = h_1$ [inch]	DN .. 1504 .. 1-1,25
	Shim		AP304-DN1504
	Screw for shim Tightening torque		FS1461 (T15IP) 1,844 lbs
	Clamp		PK241
	Screw for clamp Tightening torque		FS1473 (T15IP) 2,876 lbs
	Pressure spring		FS1470
	Pin		RS117
	Torx key		FS1465 (T15IP)

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

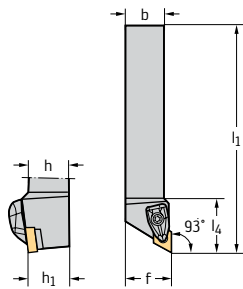
DDJN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DDJNR2020K11		11	20	125	30,2	25	-6°	-7°	DN .. 1104 ..
DDJNR2525M11		11	25	150	30,2	32	-6°	-7°	
DDJNR3225P11		11	32	170	30,2	32	-6°	-7°	
DDJNR2020K15		15	20	125	39,4	25	-6°	-7°	DN .. 1506 ..
DDJNR2525M15		15	25	150	39,4	32	-6°	-7°	
DDJNR3225P15		15	32	170	39,4	32	-6°	-7°	
DDJNR3232P15		15	32	170	39,4	40	-6°	-7°	
DDJNL2020K11		11	20	125	30,2	25	-6°	-7°	DN .. 1104 ..
DDJNL2525M11		11	25	150	30,2	32	-6°	-7°	
DDJNL3225P11		11	32	170	30,2	32	-6°	-7°	
DDJNL2020K15		15	20	125	39,4	25	-6°	-7°	DN .. 1506 ..
DDJNL2525M15		15	25	150	39,4	32	-6°	-7°	
DDJNL3225P15		15	32	170	39,4	32	-6°	-7°	
DDJNL3232P15		15	32	170	39,4	40	-6°	-7°	



Square shank

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)

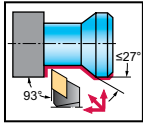
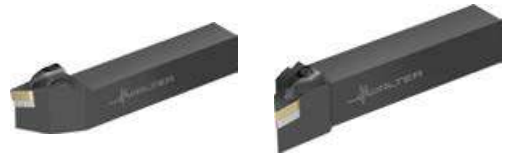
Accessories

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	
										Diagram
DDJNR103A		11	0,625	0,625	4,000	1,195	0,875	-6°	-7°	DN .. 1104 ..
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 ..
DDJNR164C		15	1,000	1,000	5,000	1,550	1,250	-6°	-7°	
DDJNR164D		15	1,000	1,000	6,000	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 ..
DDJNL123C		11	0,750	0,750	5,000	1,190	1,000	-6°	-7°	
DDJNL163D		11	1,000	1,000	6,000	1,190	1,250	-6°	-7°	
DDJNL124B		15	0,750	0,750	4,500	1,450	1,000	-6°	-7°	DN .. 1504 ..
DDJNL164C		15	1,000	1,000	5,000	1,550	1,250	-6°	-7°	
DDJNL164D		15	1,000	1,000	6,000	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°	

Square shank

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	DN .. 1504 .. 1
Shim	AP305-DN11	AP304-DN1504	AP304-DN1504
Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs	FS1461 (T15IP) 1,844 lbs
Clamp	PK240	PK241	PK241
Screw for clamp Tightening torque	FS1472 (T9IP) 1,254 lbs	FS1473 (T15IP) 2,876 lbs	FS1473 (T15IP) 2,876 lbs
Pressure spring	FS1469	FS1470	FS1470
Pin	RS116	RS117	RS117
Torx key	FS1466 (T9IP)	FS1465 (T15IP)	FS1465 (T15IP)

Accessories

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 .. 1504 ..		AP304-DN1504

Accessories

	Type	DN .. 1104 ..	DN .. 1504 ..
	Shim for DN .. 1506 ..		AP304-DN15
	Shim for DN .. 1507 ..		AP412-DN1507

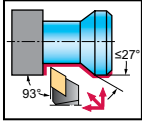
Shank tool – Rigid clamping

DDJN...-P

Walter Turn



– Precision cooling



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DDJNR2020X11-P		11	20	20	125	48,5	-6°	-7°	DN .. 1104 ..
DDJNR2525X11-P		11	25	25	140	48,5	-6°	-7°	DN .. 1506 ..
DDJNR2020X15-P		15	20	20	125	48,5	-6°	-7°	
DDJNR2525X15-P		15	25	25	140	48,5	-6°	-7°	DN .. 1104 ..
DDJNL2020X11-P		11	20	20	125	48,5	-6°	-7°	
DDJNL2525X11-P		11	25	25	140	48,5	-6°	-7°	DN .. 1506 ..
DDJNL2020X15-P		15	20	20	125	48,5	-6°	-7°	
DDJNL2525X15-P		15	25	25	140	48,5	-6°	-7°	

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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 .. 20–25
Shim	AP305-DN11	AP304-DN15
Screw for shim Tightening torque	FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm
Right clamp	PK261R	PK265R
Left clamp	PK261L	PK265L
Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm
Pressure spring	FS2188	FS2188
G 1/8" threaded plug	FS2258 (SW 2)	FS2258 (SW 2)
M6 threaded plug	FS2288 (SW 3)	FS2288 (SW 3)
Torx key	FS1465 (T15IP)	FS1465 (T15IP)

Accessories

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

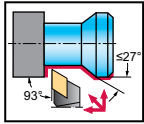
Shank tool – Rigid clamping

DDJN...-P inch

Walter Turn



– Precision cooling



Tool

	Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type	
										DN .. 1104 ..	
	DDJNR163D-P		11	1,000	1,000	6,000	1,909	1,250	-6°	-7°	DN .. 1104 ..
	DDJNR124B-P		15	0,750	0,750	4,500	1,969	1,000	-6°	-7°	DN .. 1504 ..
	DDJNR164D-P		15	1,000	1,000	6,000	1,909	1,250	-6°	-7°	DN .. 1104 ..
	DDJNL163D-P		11	1,000	1,000	6,000	1,909	1,250	-6°	-7°	DN .. 1104 ..
	DDJNL124B-P		15	0,750	0,750	4,500	1,969	1,000	-6°	-7°	DN .. 1504 ..
	DDJNL164D-P		15	1,000	1,000	6,000	1,909	1,250	-6°	-7°	DN .. 1104 ..

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)

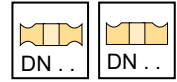
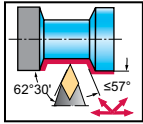
Accessories

	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 – 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	4,500	1,610	0,375	-5°	-9°	DN .. 1504 ..
DDPNN164D		15	1,000	6,000	1,610	0,500	-5°	-9°	
DDPNN204D		15	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)

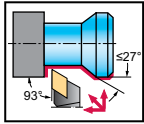
Accessories

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 – Lever clamping

PDJN

Walter Turn



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type	
 Square shank	PDJNR1616H11		11	16	20	29,7	100	-6°	-7°	DN .. 1104 ..	
	PDJNR2020K11		11	20	25	29,7	125	-6°	-7°		
	PDJNR2525M11		11	25	32	29,7	150	-6°	-7°		
	PDJNR3225P11		11	32	32	29,7	170	-6°	-7°		
	PDJNR2020K15		15	20	25	36,2	125	-6°	-7°	DN .. 1506 ..	
	PDJNR2525M15		15	25	32	36,2	150	-6°	-7°		
	PDJNR3225P15		15	32	32	36,2	170	-6°	-7°		
	PDJNR3232P15		15	32	40	36,2	170	-6°	-7°		
	PDJNL1616H11			11	16	20	29,7	100	-6°	-7°	DN .. 1104 ..
	PDJNL2020K11			11	20	25	29,7	125	-6°	-7°	
	PDJNL2525M11			11	25	32	29,7	150	-6°	-7°	
	PDJNL3225P11			11	32	32	29,7	170	-6°	-7°	
	PDJNL2020K15			15	20	25	36,2	125	-6°	-7°	DN .. 1506 ..
	PDJNL2525M15			15	25	32	36,2	150	-6°	-7°	
	PDJNL3225P15			15	32	32	36,2	170	-6°	-7°	
	PDJNL3232P15			15	32	40	36,2	170	-6°	-7°	

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

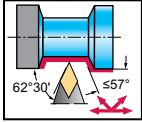
Assembly parts	Type h = h ₁ [mm]	DN .. 1104 .. 16–32	DN .. 1506 .. 20–32
	Shim	AP171-DN1112	AP145-DN1516
	Lever	KN119	KN103
	Clamping screw Tightening torque	FS351 (SW 2,5) 2 Nm	FS355 (SW 3) 5 Nm
	Shim pin	RS101	RS102
	Tapered assembly pin	MD101	MD101
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)

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

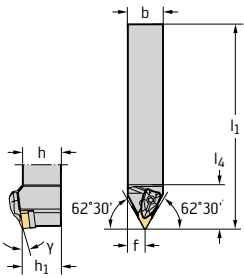
DDNN

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°	DN .. 1506 ..
DDNNN2525M15		15	25	150	40,8	13	-5°	-9°	
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)

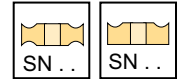
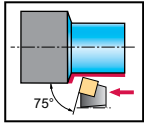
Accessories

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

DSBN

Walter Turn



Tool	Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
<p>Square shank</p>	DSBNR2525M12	12	25	25	150	34,3	22	-6°	-6°	SN .. 1204 ..
	DSBNR3225P12	12	32	25	170	34,3	22	-6°	-6°	
	DSBNR3232P15	15	32	32	170	41,5	27	-6°	-6°	SN .. 1506 ..
	DSBNR3232P19	19	32	32	170	46,4	27	-6°	-6°	SN .. 1906 ..
	DSBNR4040S19	19	40	40	250	46,5	35	-6°	-6°	
	DSBNL2525M12	12	25	25	150	34,3	22	-6°	-6°	SN .. 1204 ..
	DSBNL3225P12	12	32	25	170	34,3	22	-6°	-6°	
	DSBNL3232P15	15	32	32	170	41,5	27	-6°	-6°	SN .. 1506 ..
	DSBNL3232P19	19	32	32	170	46,4	27	-6°	-6°	SN .. 1906 ..
	DSBNL4040S19	19	40	40	250	46,5	35	-6°	-6°	

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

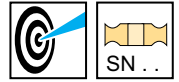
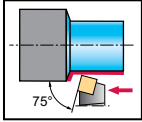
Shank tool – Rigid clamping

DSBN...-P

Walter Turn

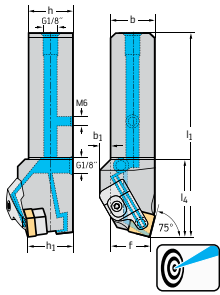


– Precision cooling



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DSBNR2525X12-P	12	25	25	135	43,5	22	-6°	-6°	SN .. 1204 ..
DSBNL2525X12-P	12	25	25	135	43,5	22	-6°	-6°	SN .. 1204 ..



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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 ..
	Shim	AP308-SN12
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Right clamp	PK265R
	Left clamp	PK265L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

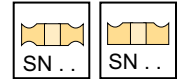
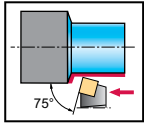
Accessories


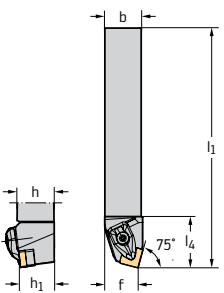

Type	SN .. 1204 ..
(standard assembly parts) Right clamp set	PK265R-SET
(standard assembly parts) Left clamp set	PK265L-SET

Shank tool – Rigid clamping








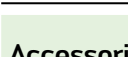
DSRN inch




Walter Turn



Tool	Designation		$h = h_1$	b	l_1	l_4	f	γ	λ_s	Type	
			inch	inch	inch	inch	inch	°	°		
 Square shank	DSRNR124BM1		12	0,750	0,750	4,500	1,350	0,855	-6°	-6°	SN .. 1204 ..
	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 ..
	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 ..
	DSRNL124BM1		12	0,750	0,750	4,500	1,350	0,855	-6°	-6°	SN .. 1204 ..
	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 ..
	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 ..

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

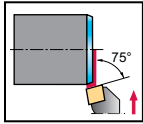
Assembly parts		Type $h = h_1$ [inch]	SN .. 1204 .. 0,75-1	SN .. 1506 .. 1-1,25	SN .. 2507 .. 1,5
	Shim		AP308-SN12	AP309-SN15	AP351-SN25
	Screw for shim Tightening torque		FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs	FS1589 (T25IP) 7,007 lbs
	Clamp		PK241	PK242	PK301
	Screw for clamp Tightening 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 – Rigid clamping

DSKN

Walter Turn





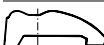



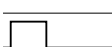
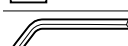
Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DSKNR2525M12		12	25	150	23,6	32	-6°	-6°	SN .. 1204 ..
DSKNR3232P15		15	32	170	28,9	40	-6°	-6°	SN .. 1506 ..
DSKNL2525M12		12	25	150	23,6	32	-6°	-6°	SN .. 1204 ..
DSKNL3232P15		15	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)

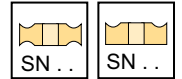
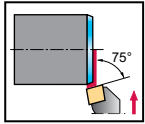
Accessories

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

Walter Turn



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ 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 .. 1204 ..
	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 .. 1204 ..
	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

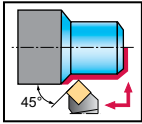
Assembly parts		Type h = h ₁ [mm]	SN .. 1204 .. 20–25	SN .. 1906 .. 32
	Shim		AP141-SN1216	AP143-SN1924
	Lever		KN102	KN106
	Clamping screw Tightening torque		FS352 (SW 3) 5 Nm	FS356 (SW 4) 10 Nm
	Shim pin		RS102	RS104
	Tapered assembly pin		MD101	MD102
	Allen key		ISO2936-3 (SW 3)	ISO2936-4 (SW 4)

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

Shank tool – Rigid clamping

DSSN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	f ₁ mm	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 ..
DSSNR3225P15		15	32	25	32	21,8	170	32	180,2	-8°	0°	
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 ..
DSSNL3225P15		15	32	25	32	21,8	170	32	180,2	-8°	0°	
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 ..

Square shank

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)

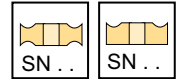
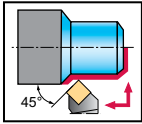
Accessories

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

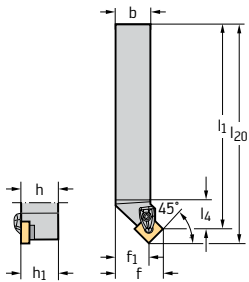
DSSN inch

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 ..
DSSNR165D	15	1,000	1,000	1,250	0,847	6,000	0,898	6,403	-8°	0°	SN .. 1506 ..
DSSNL164D	12	1,000	1,000	1,250	0,922	6,000	0,748	6,328	-8°	0°	SN .. 1204 ..
DSSNL165D	15	1,000	1,000	1,250	0,847	6,000	0,898	6,403	-8°	0°	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	SN .. 1204 ..	SN .. 1506 ..
Shim h = h ₁ [inch]	1	1
Shim	AP308-SN12	AP309-SN15
Screw for shim Tightening torque	FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs
Clamp	PK241	PK242
Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs	FS1474 (T20IP) 4,72 lbs
Pressure spring	FS1470	FS1471
Pin	RS117	RS117
Torx key	FS1465 (T15IP)	
Allen key		FS1464 (T20IP)

Accessories

Type	SN .. 1204 ..	SN .. 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	

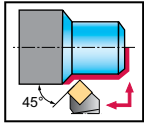
Shank tool – Rigid clamping

DSSN...-P mm

Walter Turn



– Precision cooling



Tool			h = h ₁ mm	b mm	f mm	f ₁ mm	l ₁ mm	l ₄ mm	l ₂₀ mm	γ	λ _s	Type
	Designation											
	DSSNR2525X12-P	12	25	25	32	23,7	130	48	138,7	-8°	0°	SN .. 1204 ..
	DSSNL2525X12-P	12	25	25	32	23,7	130	48	138,7	-8°	0°	SN .. 1204 ..

Square shank

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

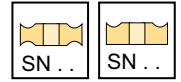
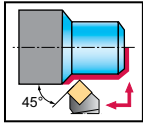
Assembly parts		
Type	h = h ₁ [mm]	SN .. 1204 ..
	Shim	AP308-SN12
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Right clamp	PK265R
	Left clamp	PK265L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

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

Shank tool – Lever clamping

PSSN

Walter Turn



Tool

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°	
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°	SN .. 1506 ..
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°	
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°	SN .. 1506 ..
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)

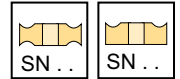
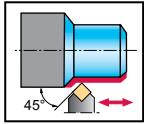
Accessories

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
<p>Square shank</p>	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 ..

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

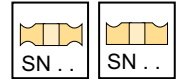
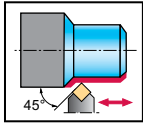
Assembly parts		SN .. 1204 .. 20–32	SN .. 1506 .. 25	SN .. 1906 .. 32
	Shim Type h = h ₁ [mm]	AP308-SN12	AP309-SN15	AP310-SN19
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK242	PK243
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1471	FS1471
	Pin	RS117	RS117	RS117
	Torx key	FS1465 (T15IP)		
	Allen key		FS1464 (T20IP)	FS1464 (T20IP)

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

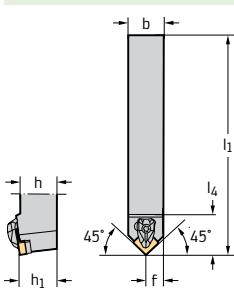
Shank tool – Rigid clamping

DSDN inch

Walter Turn



Tool



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 ..
DSDNN124B		12	0,750	0,750	4,500	1,450	0,386	-6°	-6°	SN .. 1204 ..
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 ..
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 ..
DSDNN248D		25	1,500	1,500	6,000	2,260	0,791	-6°	-6°	SN .. 2507 ..

Square shank

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)

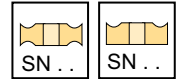
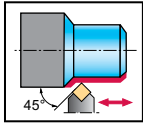
Accessories

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)

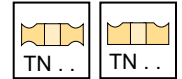
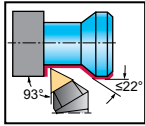
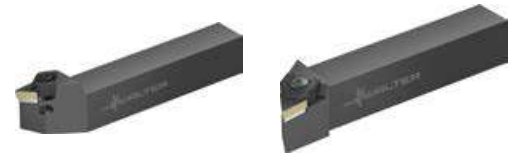
Accessories

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

	Designation	h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
	MTJNR2020K16	20	20	125	30,8	25	-6°	-6°	TN .. 1604 ..
	MTJNR2525M16	25	25	150	30,8	32	-6°	-6°	
	MTJNR2525M22	25	25	150	34,8	32	-6°	-6°	TN .. 2204 ..
	MTJNR3225P16	32	25	170	30,8	32	-6°	-6°	TN .. 1604 ..
	MTJNR3225P22	32	25	170	34,8	32	-6°	-6°	TN .. 2204 ..
	MTJNL2020K16	20	20	125	30,8	25	-6°	-6°	TN .. 1604 ..
	MTJNL2525M16	25	25	150	30,8	32	-6°	-6°	
	MTJNL2525M22	25	25	150	34,8	32	-6°	-6°	TN .. 2204 ..
	MTJNL3225P16	32	25	170	30,8	32	-6°	-6°	TN .. 1604 ..
	MTJNL3225P22	32	25	170	34,8	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 = h ₁ [mm]	TN .. 1604 .. 20–32	TN .. 2204 .. 25–32
	Shim	AP147	AP148
	Clamping wedge set	FK303	FK304
	Pin	RS106	RS107
	Clamping screw	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm
	Allen key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

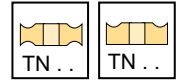
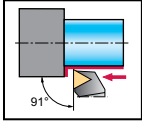
Accessories

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

Shank tool – Rigid clamping

DTGN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DTGNR2020K16		20	20	125	25,4	25	-6°	-6°	TN .. 1604 ..
DTGNR2525M16		25	25	150	24,6	32	-6°	-6°	
DTGNR3225P16		32	25	170	25,3	32	-6°	-6°	
DTGNR2525M22		25	25	150	32,1	32	-6°	-6°	TN .. 2204 ..
DTGNL2020K16		20	20	125	25,4	25	-6°	-6°	TN .. 1604 ..
DTGNL2525M16		25	25	150	24,6	32	-6°	-6°	
DTGNL3225P16		32	25	170	25,3	32	-6°	-6°	
DTGNL2525M22		25	25	150	32,1	32	-6°	-6°	TN .. 2204 ..

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online 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 .. 20–32	TN .. 2204 .. 25
Shim	AP321-TN16	AP322-TN22
Screw for shim Tightening torque	FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm
Clamp	PK240	PK241
Screw for clamp Tightening torque	FS1472 (T9IP) 1,7 Nm	FS1473 (T15IP) 3,9 Nm
Pressure spring	FS1469	FS1470
Pin	RS116	RS117
Torx key	FS1466 (T9IP)	FS1465 (T15IP)

Accessories

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

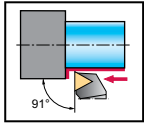
Shank tool – Rigid clamping

DTGN...-P

Walter Turn



– Precision cooling



Tool			$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
	Designation									
	DTGNR2020X16-P	16	20	20	115	38,5	25	-6°	-6°	TN .. 1604 ..
	DTGNR2525X16-P	16	25	25	130	38,5	32	-6°	-6°	
	DTGNL2020X16-P	16	20	20	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

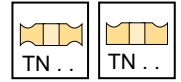
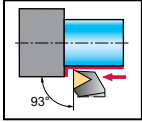
Assembly parts		Type	TN .. 1604 ..
		h = h ₁ [mm]	20–25
	Shim		AP321-TN16
	Screw for shim Tightening torque		FS1462 (T9IP) 1,5 Nm
	Left clamp		PK261L
	Right clamp		PK261R
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm
	Pressure spring		FS2188
	G 1/8" threaded plug		FS2258 (SW 2)
	M6 threaded plug		FS2288 (SW 3)
	Torx key		FS1465 (T15IP)

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

Shank tool – Rigid clamping

DTJN inch

Walter Turn



Tool

Designation		h = h ₁ inch	b inch	l ₁ inch	l ₂ inch	f inch	γ	λ _s	Type	
DTJNR123B		16	0,750	0,750	4,500	0,953	1,000	-6°	-6°	TN .. 1604 ..
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 ..
DTJNR205D		27	1,250	1,250	6,000	1,566	1,500	-6°	-6°	TN .. 2706 ..
DTJNL123B		16	0,750	0,750	4,500	0,953	1,000	-6°	-6°	TN .. 1604 ..
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 ..
DTJNL205D		27	1,250	1,250	6,000	1,566	1,500	-6°	-6°	TN .. 2706 ..

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)

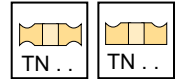
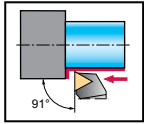
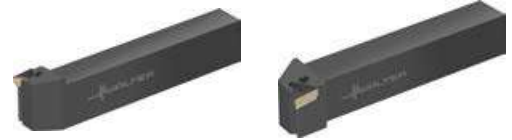
Accessories

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

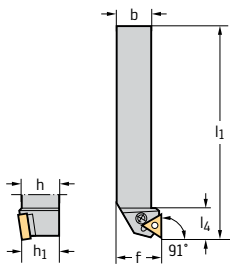
PTGN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type	
PTGNR1616H11		11	16	16	20	18	100	-6°	-6°	TN .. 1103 ..
PTGNR1616H16		16	16	16	20	20,2	100	-6°	-6°	TN .. 1604 ..
PTGNR2020K16		16	20	20	25	20,2	125	-6°	-6°	
PTGNR2525M16		16	25	25	32	22,2	150	-6°	-6°	
PTGNR3225P16		16	32	25	32	22,2	170	-6°	-6°	
PTGNR4040S27		27	40	40	50	34	250	-6°	-6°	
PTGNL1616H11		11	16	16	20	18	100	-6°	-6°	TN .. 1103 ..
PTGNL1616H16		16	16	16	20	20,2	100	-6°	-6°	TN .. 1604 ..
PTGNL2020K16		16	20	20	25	20,2	125	-6°	-6°	
PTGNL2525M16		16	25	25	32	22,2	150	-6°	-6°	
PTGNL3225P16		16	32	25	32	22,2	170	-6°	-6°	
PTGNL4040S27		27	40	40	50	34	250	-6°	-6°	



Square shank

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

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

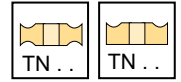
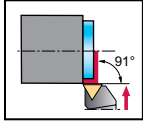
Accessories

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

Shank tool – Lever clamping

PTFN

Walter Turn



Tool

	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°	
	PTFNR3225P16	16	32	25	32	20	170	-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°	
	PTFNL3225P16	16	32	25	32	20	170	-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 .. 16–32
	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)

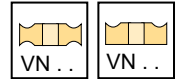
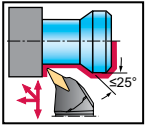
Accessories

	Type	TN .. 1604 ..
	Shim	AP137-TN1608

Shank tool – Rigid clamping

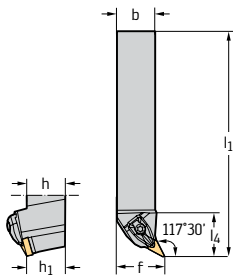
DVPN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DVPNR2525M16		25	25	150	39,2	32	-4°	-13°	VN .. 1604 ..
DVPNR3225P16		32	25	170	39,2	32	-4°	-13°	VN .. 1604 ..
DVPNL2525M16		25	25	150	39,2	32	-4°	-13°	VN .. 1604 ..
DVPNL3225P16		32	25	170	39,2	32	-4°	-13°	VN .. 1604 ..



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)

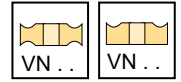
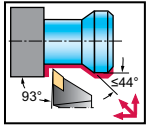
Accessories

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

Shank tool – Rigid clamping

DVJN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DVJNR2020K16		16	20	125	46,6	25	-4°	-13°	VN .. 1604 ..
DVJNR2525M16		16	25	150	46,6	32	-4°	-13°	VN .. 1604 ..
DVJNR3225P16		16	32	170	46,6	32	-4°	-13°	VN .. 1604 ..
DVJNL2020K16		16	20	125	46,6	25	-4°	-13°	VN .. 1604 ..
DVJNL2525M16		16	25	150	46,6	32	-4°	-13°	VN .. 1604 ..
DVJNL3225P16		16	32	170	46,6	32	-4°	-13°	VN .. 1604 ..

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 .. 20–32
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Clamp	PK244
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (T15IP)

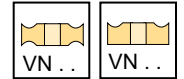
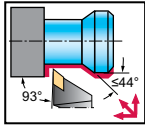
Accessories

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

Shank tool – Rigid clamping

DVJN inch

Walter Turn



Tool			$h = h_1$ inch	b inch	l_1 inch	l_4 inch	f inch	γ	λ_s	Type
<p>Square shank</p>	Designation									
	DVJNR123B	16	0,750	0,750	4,500	1,830	1,000	-4°	-13°	VN .. 1604 ..
	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 ..
	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	VN .. 1604 ..
		$h = h_1$ [inch]	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

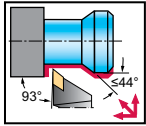
Shank tool – Rigid clamping

DVJN...-P

Walter Turn



– Precision cooling



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DVJNR2020X16-P		16	20	125	48,5	25	-4°	-13°	VN .. 1604 ..
DVJNR2525X16-P		16	25	140	48	32	-4°	-13°	VN .. 1604 ..
DVJNL2020X16-P		16	20	125	48,5	25	-4°	-13°	VN .. 1604 ..
DVJNL2525X16-P		16	25	140	48	32	-4°	-13°	VN .. 1604 ..

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

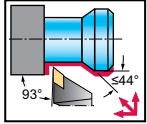
Shank tool – Rigid clamping

DVJN...-P inch

Walter Turn



– Precision cooling



Tool

Designation	16	$h = h_1$ 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 ..
DVJNR163D-P	16	1,000	1,000	5,996	1,906	1,250	-4°	-13°	VN .. 1604 ..
DVJNL123B-P	16	0,750	0,750	4,496	1,906	1,000	-4°	-13°	VN .. 1604 ..
DVJNL163D-P	16	1,000	1,000	5,996	1,906	1,250	-4°	-13°	VN .. 1604 ..

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)

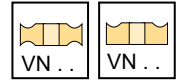
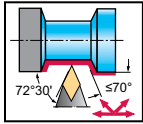
Accessories

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		$h = h_1$ 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 ..
	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)

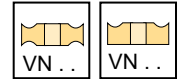
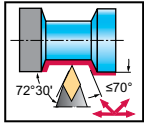
Accessories

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

Shank tool – Rigid clamping

DVVN inch

Walter Turn



Tool			$h = h_1$ inch	b inch	l_1 inch	l_4 inch	f inch	γ	λ_s	Type
	Designation									
	DVVNN123B	16	0,750	0,750	4,500	1,880	0,398	-4°	-13°	VN .. 1604 ..
	DVVNN163D	16	1,000	1,000	6,000	1,880	0,524	-4°	-13°	
DVVNN203D	16	1,250	1,250	6,000	1,880	0,650	-4°	-13°		

Square shank

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

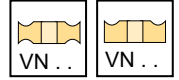
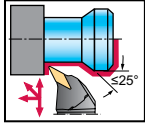
Assembly parts		Type	VN .. 1604 .. 0,75–1,25
	Shim		AP312-VN16
	Screw for shim Tightening torque		FS1467 (T15IP) 2,213 lbs
	Clamp		PK244
	Screw for clamp Tightening torque		FS1473 (T15IP) 2,876 lbs
	Pressure spring		FS1470
	Pin		RS117
	Torx key		FS1465 (T15IP)

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

Shank tool – Rigid clamping

DVTN inch

Walter Turn



Tool

Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type	
DVTNR123B		16	0,750	0,750	4,500	1,543	1,000	-4°	-13°	VN .. 1604 ..
DVTNR163D		16	1,000	1,000	6,000	1,544	1,250	-4°	-13°	VN .. 1604 ..
DVTNR203D		16	1,250	1,250	6,000	1,544	1,500	-4°	-13°	VN .. 1604 ..
DVTNL123B		16	0,750	0,750	4,500	1,543	1,000	-4°	-13°	VN .. 1604 ..
DVTNL163D		16	1,000	1,000	6,000	1,544	1,250	-4°	-13°	VN .. 1604 ..
DVTNL203D		16	1,250	1,250	6,000	1,544	1,500	-4°	-13°	VN .. 1604 ..

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 [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)

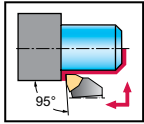
Accessories

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

Shank tool – Rigid clamping

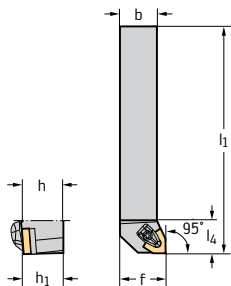
DWLN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DWLN1616H06		6	16	100	26,4	20	-6°	-6°	WN .. 0604 ..
DWLN2020K06		6	20	125	27,1	25	-6°	-6°	WN .. 0804 ..
DWLN2525M06		6	25	150	27,1	32	-6°	-6°	
DWLN2020K08		8	20	125	34,3	25	-6°	-6°	
DWLN2525M08		8	25	150	35	32	-6°	-6°	WN .. 1006 ..
DWLN3225P08		8	32	170	35	32	-6°	-6°	
DWLN2525M10		10	25	150	40,3	32	-6°	-6°	
DWLN3225P10		10	32	170	40,3	32	-6°	-6°	WN .. 0604 ..
DWLN3232P10		10	32	170	41,8	40	-6°	-6°	
DWLN1616H06		6	16	100	26,4	20	-6°	-6°	
DWLN2020K06		6	20	125	27,1	25	-6°	-6°	WN .. 0804 ..
DWLN2525M06		6	25	150	27,1	32	-6°	-6°	
DWLN2020K08		8	20	125	34,3	25	-6°	-6°	
DWLN2525M08		8	25	150	35	32	-6°	-6°	WN .. 1006 ..
DWLN3225P08		8	32	170	35	32	-6°	-6°	
DWLN2525M10		10	25	150	40,3	32	-6°	-6°	
DWLN3225P10		10	32	170	40,3	32	-6°	-6°	WN .. 0604 ..
DWLN3232P10		10	32	170	41,8	40	-6°	-6°	



Square shank

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	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

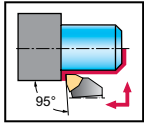
Accessories

	Type	WN .. 0604 ..	WN .. 0804 ..	WN .. 1006 ..
	Insert with hole Carbide clamp set		PK254-SET	

Shank tool – Rigid clamping

DWLN inch

Walter Turn



Tool

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 ..
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 ..
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 ..
DWLN123C		6	0,750	0,750	5,000	1,950	1,000	-6°	-6°	WN .. 0604 ..
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 ..
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 ..

Square shank

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	

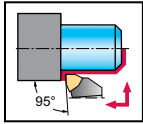
Shank tool – Rigid clamping

DWLN...-P

Walter Turn



– Precision cooling



Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DWLN2020X08-P		8	20	120	43,5	25	-6,5°	-5,5°	WN .. 0804 ..
DWLN2525X08-P		8	25	135	43,5	32	-6,5°	-5,5°	WN .. 0804 ..
DWLN2020X08-P		8	20	120	43,5	25	-6,5°	-5,5°	WN .. 0804 ..
DWLN2525X08-P		8	25	135	43,5	32	-6,5°	-5,5°	WN .. 0804 ..

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

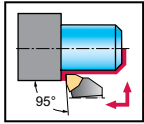
Shank tool – Rigid clamping

DWLN...-P inch

Walter Turn



– Precision cooling



Tool			h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
	Designation									
	DWLN124B-P	8	0,750	0,750	4,500	1,713	1,000	-5,5°	-6°	WN .. 0804 ..
	DWLN164D-P	8	1,000	1,000	6,000	1,713	1,250	-6,5°	-5,5°	
	DWLN124B-P	8	0,750	0,750	4,500	1,713	1,000	-5,5°	-6°	WN .. 0804 ..
	DWLN164D-P	8	1,000	1,000	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

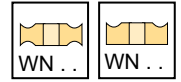
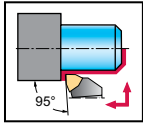
Assembly parts		Type	WN .. 0804 .. 0,75–1
	Shim		AP307-WN08
	Screw for shim Tightening torque		FS1461 (T15IP) 1,844 lbs
	Right clamp		PK266R
	Left clamp		PK266L
	Screw for clamp Tightening torque		FS1473 (T15IP) 2,876 lbs
	Pressure spring		FS2188
	G 1/8" threaded plug		FS2258 (SW 2)
	M6 threaded plug		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

Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type	
PWLN R1616H06		6	16	16	20	18,5	100	-6°	-6°	WN .. 0604 ..
PWLN R2020K06		6	20	20	25	18,5	125	-6°	-6°	WN .. 0804 ..
PWLN R2525M06		6	25	25	32	18,5	150	-6°	-6°	
PWLN R2020K08		8	20	20	25	22	125	-6°	-6°	WN .. 0804 ..
PWLN R2525M08		8	25	25	32	22	150	-6°	-6°	
PWLN R3225P08		8	32	25	32	22	170	-6°	-6°	WN .. 1006 ..
PWLN R2525M10		10	25	25	32	22	150	-6°	-6°	
PWLN R3225P10		10	32	25	32	22	170	-6°	-6°	WN .. 1006 ..
PWLN L1616H06		6	16	16	20	18,5	100	-6°	-6°	
PWLN L2020K06		6	20	20	25	18,5	125	-6°	-6°	WN .. 0804 ..
PWLN L2525M06		6	25	25	32	18,5	150	-6°	-6°	
PWLN L2020K08		8	20	20	25	22	125	-6°	-6°	WN .. 0804 ..
PWLN L2525M08		8	25	25	32	22	150	-6°	-6°	
PWLN L3225P08		8	32	25	32	22	170	-6°	-6°	WN .. 1006 ..
PWLN L2525M10		10	25	25	32	22	150	-6°	-6°	
PWLN L3225P10		10	32	25	32	22	170	-6°	-6°	

Square shank

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

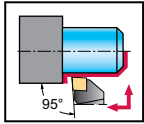
Shank tool – Screw clamping

SCLC...-S-P

Walter Turn



- Precision cooling
- For Swiss Machining



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

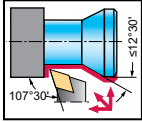
Assembly parts		Type h = h ₁ [mm]	CC .. 09T3 .. 12	CC .. 09T3 .. 16
	Clamping screw for indexable insert Tightening torque		FS2119 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm
	G 1/8" threaded plug			FS2258 (SW 2)
	M8X1 threaded plug		FS2587 (SW 4)	
	Torx key		FS1496 (T15IP)	FS1496 (T15IP)

Accessories		Type h = h ₁ [mm]	CC .. 09T3 .. 12	CC .. 09T3 .. 16
	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	12	16	80	14,3	0°	0°	DC .. 0702 ..
	SDHCR1616H11	11	16	16	20	100	17,9	0°	0°	DC .. 11T3 ..
	SDHCR2020K11	11	20	20	25	125	17,9	0°	0°	
	SDHCR2525M11	11	25	25	32	150	20	0°	0°	
	SDHCL1212F07	7	12	12	16	80	14,3	0°	0°	DC .. 0702 ..
	SDHCL1616H11	11	16	16	20	100	17,9	0°	0°	DC .. 11T3 ..
	SDHCL2020K11	11	20	20	20	125	17,9	0°	0°	
	SDHCL2525M11	11	25	25	32	150	19,7	0°	0°	

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

	Type h = h ₁ [mm]	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

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

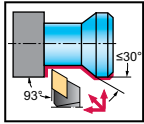
Shank tool – Rigid clamping

DDJC...-P

Walter Turn



– Precision cooling



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
										DC .. 11T3 ..
	DDJCR2020X11-P	11	20	20	25	125	48,5	-3°	-7°	DC .. 11T3 ..
	DDJCR2525X11-P	11	25	25	32	140	48,5	-3°	-7°	DC .. 11T3 ..
	DDJCL2020X11-P	11	20	20	25	125	48,5	-3°	-7°	DC .. 11T3 ..
	DDJCL2525X11-P	11	25	25	32	140	48,5	-3°	-7°	DC .. 11T3 ..

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	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

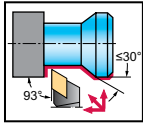
Shank tool – Screw clamping

SDJC...-S-P

Walter Turn



- Precision cooling
- For Swiss Machining



Tool

	Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	T _h	Type
	SDJCR1212J11-S-P		11	12	12	110	22	0°	0°	M8X1	DC .. 11T3 ..
	SDJCR1616X11-S-P		11	16	16	120	22	0°	0°	G1/8"	
	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 .. 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 .. 11T3 .. 12	DC .. 11T3 .. 16
	Clamping screw for indexable insert Tightening torque	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)

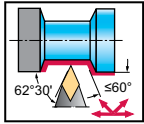
Accessories

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

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	10	5,2	70	14,5	0°	0°	DC .. 0702 ..
	SDNCN1212F07	7	12	12	6,2	80	14,5	0°	0°	
	SDNCN1616H11	11	16	16	8,5	100	21,9	0°	0°	DC .. 11T3 ..
	SDNCN2020K11	11	20	20	10,5	125	21,9	0°	0°	
	SDNCN2525M11	11	25	25	13	150	22,2	0°	0°	

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

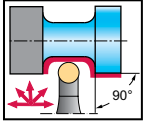
Assembly parts		Type h = h ₁ [mm]	DC .. 0702 .. 10–12	DC .. 11T3 .. 16–25
	Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm
	Shim			AP315-DC1108
	Screw for shim			FS2068 (SW 3,5)
	Torx key		FS1490 (T7IP)	FS1465 (T15IP)

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

Shank tool – Screw clamping

SRDC

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type	
											Square shank
SRDCN1212F06		6	12	12	6	80	17	12	0°	0°	RC . T0602M0 ..
SRDCN2020K06		6	20	20	10	125	32	24	0°	0°	
SRDCN2525M06		6	25	25	12,5	150	54	25	0°	0°	
SRDCN1616H08		8	16	16	8	100	21,5	16	0°	0°	RC . T0803M0 ..
SRDCN2020K08		8	20	20	10	125	32	24	0°	0°	
SRDCN2525M08		8	25	25	12,5	150	33	25	0°	0°	
SRDCN2020K10		10	20	20	10	125	31	25	0°	0°	RC . T10T3M0 ..
SRDCN2525M10		10	25	25	12,5	150	32	25	0°	0°	
SRDCN2020K12		12	20	20	10	125	31	25	0°	0°	RC . T1204M0 ..
SRDCN2525M12		12	25	25	12,5	150	35	28	0°	0°	
SRDCN3225P12		12	32	25	12,5	170	35	28	0°	0°	
SRDCN3225P16		16	32	25	12,5	170	40	35	0°	0°	RC . T1606M0 ..

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

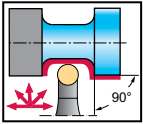
Assembly parts

Type h = h ₁ [mm]	RC . T0602M0 .. 12-25	RC . T0803M0 .. 16-25	RC . T10T3M0 .. 20-25	RC . T1204M0 .. 20-32	RC . T1606M0 .. 32
Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS1462 (T9IP) 1,5 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm
Shim			AP324-RC10T3	AP325-RC1204	AP326-RC1606
Screw for shim			FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2091 (SW 5)
Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)	FS1465 (T15IP)	
Allen key					FS1464 (T20IP)

Shank tool – Screw clamping

SRDC inch

Walter Turn



Tool			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 ..
	SRDCN103	9	0,625	0,625	0,312	4,000	0,625	0,774	0°	0°	RC .. 09T3 ..
	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 ..
	SRDCN204D	12	1,250	1,250	0,625	6,000	1,287	1,000	0°	0°	

Square shank

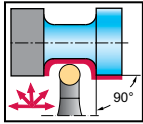
Measured with master insert: RC .. 060300 / RC .. 09T300 / RC .. 120400 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type h = h ₁ [inch]	RC .. 0603 .. 0,5	RC .. 09T3 .. 0,625–1	RC .. 1204 .. 1–1,25
	Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,664 lbs	FS2116 (T9IP) 1,106 lbs	FS2117 (T15IP) 2,213 lbs
	Shim			AP190-RC09T3	AP189-RC1204
	Torx key		FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)

Shank tool – Lever clamping

PRDC

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type	
PRDCN2020K10		10	20	20	10	125	30	25	0°	0°	RC .. T10T3M0 ..
PRDCN2525M10		10	25	25	12,5	150	32	25	0°	0°	RC .. T1204M0 ..
PRDCN2525M12		12	25	25	12,5	150	33	28	0°	0°	
PRDCN3225P12		12	32	25	12,5	170	33	28	0°	0°	RC .. T1605M0 ..
PRDCN3225P16		16	32	25	12,5	170	40	35	0°	0°	
PRDCN3232P20		20	32	32	16	170	45	40	0°	0°	RC .. T2006M0 ..
PRDCN4040S25		25	40	40	20	250	55	50	0°	0°	RC .. T2507M0 ..
PRDCN5050U32		32	50	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)

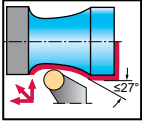
Accessories

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

Walter Turn



Tool

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

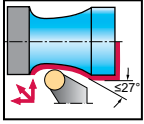
Assembly parts

	Type h = h ₁ [mm]	RC . T0602M0 .. 20–25	RC . T0803M0 .. 20–25	RC . T10T3M0 .. 20–25	RC . T1204M0 .. 20–32	RC . T1606M0 .. 32
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS1462 (T9IP) 1,5 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm
	Shim			AP324-RC10T3	AP325-RC1204	AP326-RC1606
	Screw for shim			FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2091 (SW 5)
	Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key					FS1464 (T20IP)

Shank tool – Screw clamping

SRSC inch

Walter Turn



Tool

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 ..
SRSCR163D	9	1,000	1,000	1,250	6,000	1,331	0°	0°	RC .. 09T3 ..
SRSCR164D	12	1,000	1,000	1,250	6,000	1,446	0°	0°	RC .. 1204 ..
SRSL162D	6	1,000	1,000	1,250	6,000	1,113	0°	0°	RC .. 0603 ..
SRSL163D	9	1,000	1,000	1,250	6,000	1,331	0°	0°	RC .. 09T3 ..
SRSL164D	12	1,000	1,000	1,250	6,000	1,446	0°	0°	RC .. 1204 ..

Square shank

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

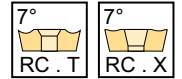
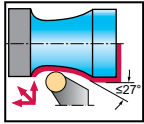
Assembly parts

	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 – Lever clamping

PRGC

Walter Turn



Tool

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

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RC .. 10T3M0 / RC .. 1204M0 / RC .. 1605M0 / RC .. 2006M0 / RC .. 2507M0 | Refer to the Walter online 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)

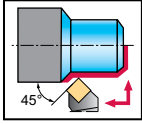
Accessories

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

SSDC

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	l ₂₀ mm	γ	λ _s	Type	
SSDCR1616H09		9	16	16	10,9	100	9,1	100	0°	0°	SC .. 09T3 ..
SSDCR2020K09		9	20	20	15,9	125	12	125	0°	0°	SC .. 1204 ..
SSDCR2020K12		12	20	20	13,7	125	13,7	125	0°	0°	
SSDCR2525M12		12	25	25	18,7	150	13,7	150	0°	0°	SC .. 09T3 ..
SSDCL1616H09		9	16	16	10,9	100	9,1	100	0°	0°	
SSDCL2020K09		9	20	20	15,9	125	12	125	0°	0°	SC .. 1204 ..
SSDCL2020K12		12	20	20	13,7	125	13,7	125	0°	0°	
SSDCL2525M12		12	25	25	18,7	150	13,7	150	0°	0°	

Square shank

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

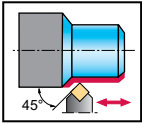
Assembly parts

Type	h = h ₁ [mm]	SC .. 09T3 .. 16–20	SC .. 1204 .. 20–25
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm	FS2065 (T15IP) 3 Nm
	Shim	AP328-SC0908	AP319-SC1212
	Screw for shim	FS2068 (SW 3,5)	FS2069 (SW 4)
	Torx key	FS1465 (T15IP)	FS1496 (T15IP)

Shank tool – Screw clamping

SSDCN inch

Walter Turn



Tool			h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
<p>Square shank</p>	Designation									
	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°	
	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°	
SSDCN123B	9	0,750	0,750	0,385	4,500	0,594	0°	0°		

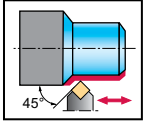
Measured with master insert: SC .. 09T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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

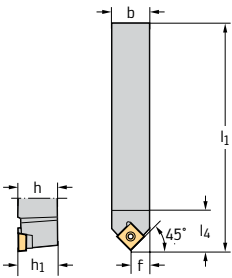
SSDCN

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
SSDCN1212F09	9	12	12	6	80	15,1	0°	0°	SC .. 09T3 ..
SSDCN1616H09	9	16	16	8	100	15,1	0°	0°	
SSDCN2020K12	12	20	20	10	125	22	0°	0°	SC .. 1204 ..
SSDCN2525M12	12	25	25	12,5	150	22	0°	0°	



Square shank

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

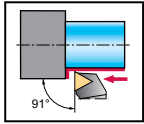
Assembly parts

Type	h = h ₁ [mm]	SC .. 09T3 .. 12	SC .. 09T3 .. 16	SC .. 1204 .. 20-25
Clamping screw for indexable insert Tightening torque		FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2065 (T15IP) 3 Nm
Shim			AP328-SC0908	AP319-SC1212
Screw for shim			FS2068 (SW 3,5)	FS2069 (SW 4)
Torx key		FS1465 (T15IP)	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

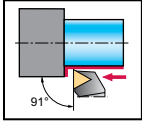
Assembly parts

	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 ..
	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 ..
	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 ..
	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 ..
	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

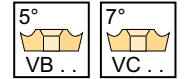
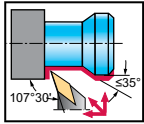
Assembly parts

	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			h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
<p>Square shank</p>	Designation									
	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		VB .. 1103 .. 16–25	VB .. 1604 .. 20–32
	Type h = h ₁ [mm] Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

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

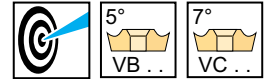
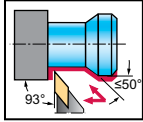
Shank tool – Rigid clamping

DVJB...-P

Walter Turn



– Precision cooling



Tool

Designation	h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
DVJBR2020X16-P	16	20	25	125	48,5	-2°	-7°	VB .. 1604 ..
DVJBR2525X16-P	16	25	32	140	48,5	-2°	-7°	
DVJBL2020X16-P	16	20	25	125	48,5	-2°	-7°	VB .. 1604 ..
DVJBL2525X16-P	16	25	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	h = h ₁ [mm]	VB .. 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)

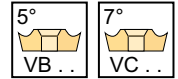
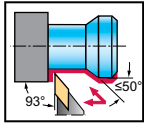
Accessories

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

Shank tool – Screw clamping

SVJB

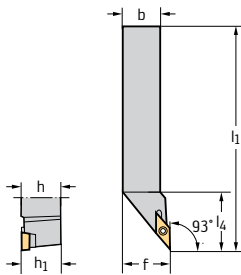
Walter Turn



Tool

Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
SVJBR1212F11		11	12	16	80	20,6	0°	0°	VB .. 1103 ..
SVJBR1616H11		11	16	20	100	21,2	0°	0°	
SVJBR2020K11		11	20	25	125	21,2	0°	0°	
SVJBR2525M11		11	25	32	150	21,2	0°	0°	
SVJBR1616H16		16	16	20	100	27	0°	0°	VB .. 1604 ..
SVJBR2020K16		16	20	25	125	31,1	0°	0°	
SVJBR2525M16		16	25	32	150	31,5	0°	0°	
SVJBR3225P16		16	32	32	170	31,5	0°	0°	
SVJBL1212F11		11	12	16	80	20,6	0°	0°	VB .. 1103 ..
SVJBL1616H11		11	16	20	100	21,2	0°	0°	
SVJBL2020K11		11	20	25	125	21,2	0°	0°	
SVJBL2525M11		11	25	32	150	21,2	0°	0°	
SVJBL1616H16		16	16	20	100	27	0°	0°	VB .. 1604 ..
SVJBL2020K16		16	20	25	125	31,1	0°	0°	
SVJBL2525M16		16	25	32	150	31,5	0°	0°	
SVJBL3225P16		16	32	32	170	31,5	0°	0°	

Square shank



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 .. 12–25	VB .. 1103 .. 16	VB .. 1604 .. 16	VB .. 1604 .. 20–32
Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
Shim		AP316-VB1608		AP316-VB1608
Screw for shim		FS2068 (SW 3,5)		FS2068 (SW 3,5)
Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

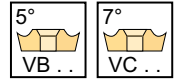
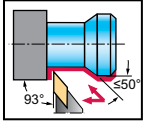
Accessories

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

Shank tool – Screw clamping

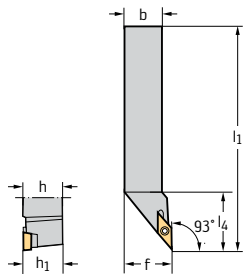
SVJB inch

Walter Turn



Tool

Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type	
										h
SVJBR082		11	0,500	0,500	0,625	3,500	0,799	0°	0°	VB .. 1103 ..
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 ..
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 ..
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 ..
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°	



Square shank

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 [inch]	VB .. 1103 .. 0,5–0,75	VB .. 1604 .. 0,75–1
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2060 (T15IP) 2,213 lbs
	Shim		AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Accessories

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

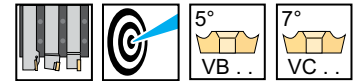
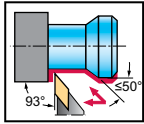
Shank tool – Screw clamping

SVJB...-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
		SVJBR1212J11-S-P	11	12	12	12	110	22	0°	0°	M8X1	VB .. 1103 ..
		SVJBR1616X11-S-P	11	16	16	16	120	22	0°	0°	G1/8"	
		SVJBL1212J11-S-P	11	12	12	12	110	22	0°	0°	M8X1	VB .. 1103 ..
		SVJBL1616X11-S-P	11	16	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

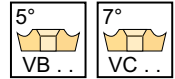
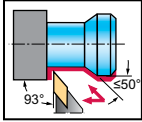
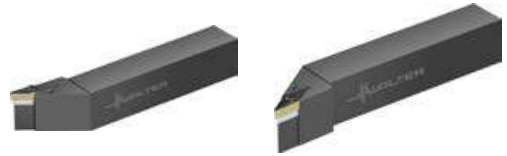
Assembly parts		Type h = h ₁ [mm]	VB .. 1103 .. 12	VB .. 1103 .. 16
	Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm
	G 1/8" threaded plug			FS2258 (SW 2)
	M8X1 threaded plug		FS2587 (SW 4)	
	Torx key		FS1490 (T7IP)	FS1490 (T7IP)

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

Shank tool – Lever clamping

PVJB

Walter Turn



Tool

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

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 .. 16–25	VB .. 1604 .. 16	VB .. 1604 .. 20–32
Shim		AP153	AP153
Shim pin		RS101	RS101
Lever	KN118	KN110	KN110
Clamping screw Tightening torque	FS347 (SW 2) 0,6 Nm	FS332 (SW 2,5) 2,5 Nm	FS351 (SW 2,5) 2 Nm
Tapered assembly pin		MD101	MD101
Allen key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)

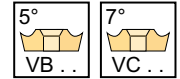
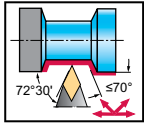
Accessories

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

Shank tool – Screw clamping

SVVB

Walter Turn



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

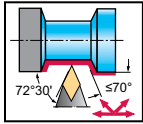
Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		VB .. 1103 .. 12–25	VB .. 1604 .. 20–32
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)
Accessories		VB .. 1103 ..	VB .. 1604 ..
	Shim		AP330-VB1612

Shank tool – Screw clamping

SVVB inch

Walter Turn



Tool

	Designation		$h = h_1$ inch	b inch	f inch	l_1 inch	l_4 inch	γ	λ_s	Type
	SVVBN123B	16	0,750	0,750	0,395	4,500	1,24	0°	0°	VB .. 1604 ..
	SVVBN163D	16	1,000	1,000	0,52	6,000	1,24	0°	0°	

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)

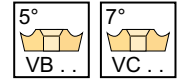
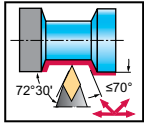
Accessories

	Type	VB .. 1604 ..
	Shim	AP330-VB1612

Shank tool – Lever clamping

PVVB

Walter Turn



Tool		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°	

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

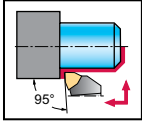
Assembly parts		Type h = h ₁ [mm]	VB .. 1103 .. 20–25	VB .. 1604 .. 20–32
	Shim			AP153
	Lever		KN118	KN110
	Clamping screw Tightening torque		FS347 (SW 2) 0,6 Nm	FS351 (SW 2,5) 2 Nm
	Shim pin			RS101
	Tapered assembly pin			MD101
	Allen key		ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)

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

Shank tool – Screw clamping

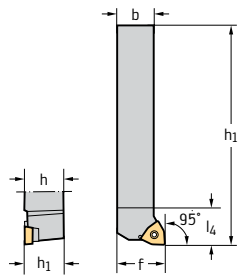
SWLC

Walter Turn



Tool

Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type	
SWLCR1212F04		4	12	12	16	80	11	0°	0°	WC .. 0402 ..
SWLCR1616H04		4	16	16	20	100	11	0°	0°	WC .. 06T3 ..
SWLCR1616H06		6	16	16	20	100	15	0°	0°	
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°	WC .. 0402 ..
SWLCL1212F04		4	12	12	16	80	11	0°	0°	
SWLCL1616H04		4	16	16	20	100	11	0°	0°	
SWLCL1616H06		6	16	16	20	100	15	0°	0°	
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°	
SWLCL2525M08		8	25	25	32	150	21	0°	0°	

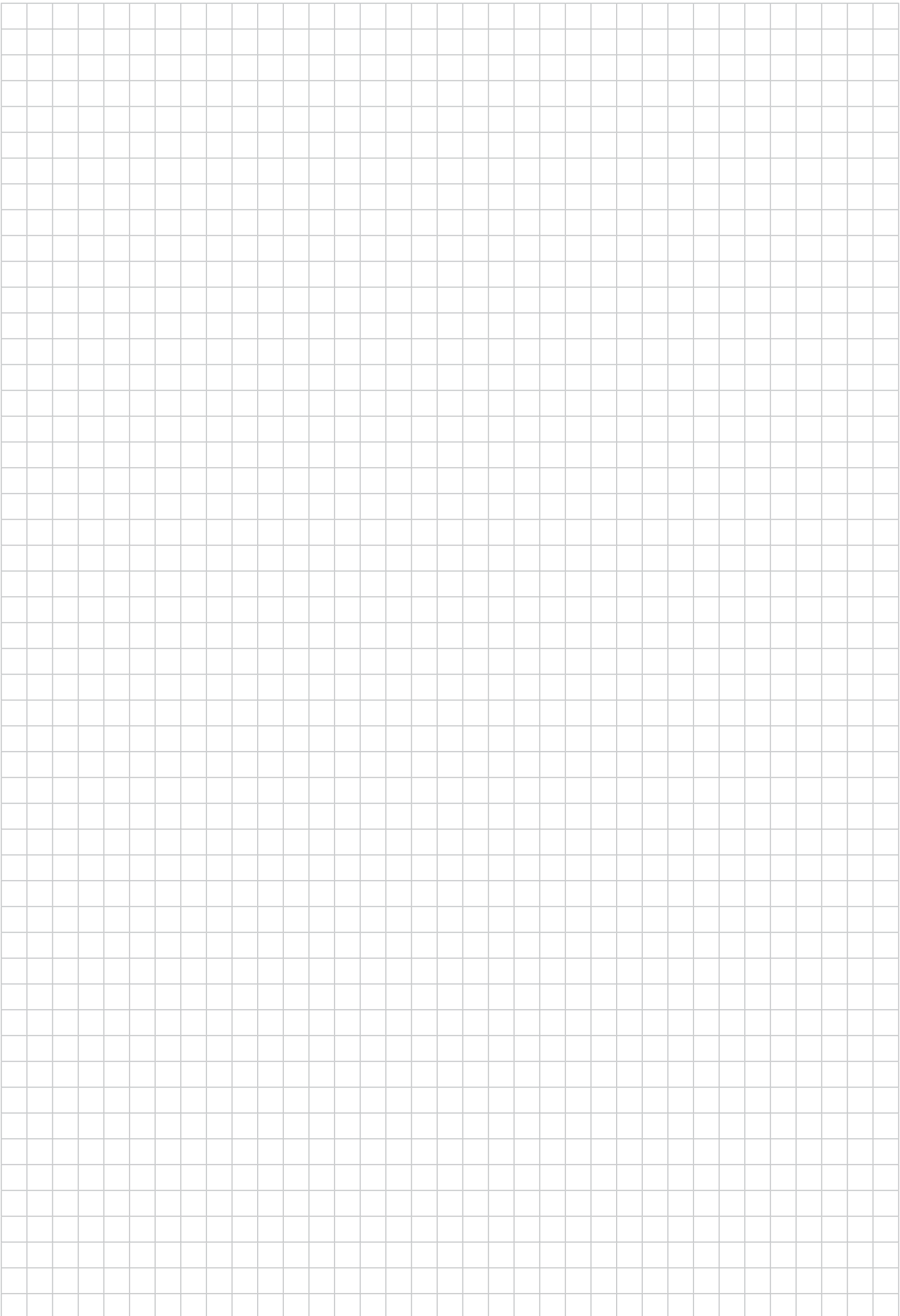


Square shank

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

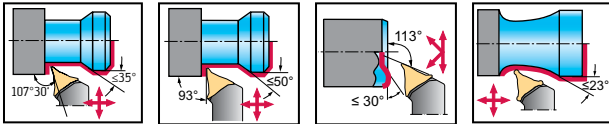
	Type h = h ₁ [mm]	WC .. 0402 .. 12–16	WC .. 06T3 .. 16–25	WC .. 0804 .. 20–25
	Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2065 (T15IP) 3 Nm
	Shim		AP318-WC0608	AP320-WC0812
	Screw for shim		FS2068 (SW 3,5)	FS2069 (SW 4)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1496 (T15IP)



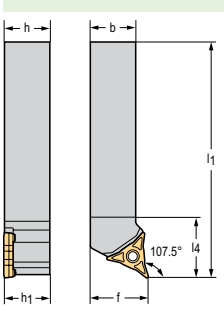
Shank tool – Copy turning system

W1011

Walter Turn



Tool



Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
W1011-1616R-WL25	25	16	16	20	100	33,5	0°	0°	WL25..
W1011-2020R-WL25	25	20	20	25	125	33,5	0°	0°	
W1011-2525R-WL25	25	25	25	32	150	33,5	0°	0°	
W1011-1616L-WL25	25	16	16	20	100	33,5	0°	0°	WL25..
W1011-2020L-WL25	25	20	20	25	125	33,5	0°	0°	
W1011-2525L-WL25	25	25	25	32	150	33,5	0°	0°	

Square shank

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

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

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

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S			H
				HC				HC				HC	HC			BC
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S
WL25-VC0702L-FM4	0,2	5,5	3,4							☺	☺			☺	☺	
WL25-VC0704LTM-3	0,4	3	3											☺	☺	☺
WL25-VC0704L-FM4	0,4	6,2	3,9							☺	☺			☺	☺	
WL25-VC0704L-FP4	0,4	6,2	3,9	☺		☺	☺					☺				
WL25-VC0704L-MM4	0,4	6,2	3,9		☺		☺			☺	☺					
WL25-VC0704L-MP4	0,4	6,2	3,9			☺	☺							☺	☺	
WL25-VC0708LTM-3	0,8	3	3											☺	☺	☺
WL25-VC0708L-FM4	0,8	6,6	4,6							☺	☺			☺	☺	
WL25-VC0708L-FP4	0,8	6,6	4,6	☺		☺	☺					☺				
WL25-VC0708L-MM4	0,8	6,6	4,6		☺		☺			☺	☺					
WL25-VC0708L-MP4	0,8	6,6	4,6			☺	☺							☺	☺	
WL25-VC0702R-FM4	0,2	5,5	3,4							☺	☺			☺	☺	
WL25-VC0704RTM-3	0,4	3	3											☺	☺	☺
WL25-VC0704R-FM4	0,4	6,2	3,9							☺	☺			☺	☺	
WL25-VC0704R-FP4	0,4	6,2	3,9	☺		☺	☺					☺				
WL25-VC0704R-MM4	0,4	6,2	3,9		☺		☺			☺	☺					
WL25-VC0704R-MP4	0,4	6,2	3,9			☺	☺							☺	☺	
WL25-VC0708RTM-3	0,8	3	3											☺	☺	☺
WL25-VC0708R-FM4	0,8	6,6	4,6							☺	☺			☺	☺	
WL25-VC0708R-FP4	0,8	6,6	4,6	☺		☺	☺					☺				
WL25-VC0708R-MM4	0,8	6,6	4,6		☺		☺			☺	☺					
WL25-VC0708R-MP4	0,8	6,6	4,6			☺	☺							☺	☺	
WL25-VC0702N-FM4	0,2	6								☺	☺			☺	☺	
WL25-VC0704NTM-3	0,4	3												☺	☺	☺
WL25-VC0704N-FM4	0,4	6,3								☺	☺			☺	☺	
WL25-VC0704N-FP4	0,4	6,3		☺		☺	☺					☺				
WL25-VC0704N-MM4	0,4	6,3			☺		☺			☺	☺			☺	☺	
WL25-VC0704N-MP4	0,4	6,3				☺	☺							☺	☺	
WL25-VC0708NTM-3	0,8	3												☺	☺	☺
WL25-VC0708N-FM4	0,8	7,1								☺	☺			☺	☺	
WL25-VC0708N-FP4	0,8	7,1		☺		☺	☺					☺				
WL25-VC0708N-MM4	0,8	7,1			☺		☺			☺	☺			☺	☺	
WL25-VC0708N-MP4	0,8	7,1				☺	☺							☺	☺	
WL25-VC0712N-MM4	1,2	7,4								☺	☺			☺	☺	
WL25-VC0712N-MP4	1,2	7,4				☺	☺							☺	☺	
WL25-VC0716N-MM4	1,6	8,7								☺	☺			☺	☺	
WL25-VC0716N-MP4	1,6	8,7				☺	☺							☺	☺	
WL25-RC0420NTM-3	2	3,2												☺	☺	☺
WL25-RC0420N-MU6	2	7,2								☺	☺			☺	☺	☺
WL25-RC0525NTM-3	2,5	5												☺	☺	☺
WL25-RC0525N-MU6	2,5	6,9								☺	☺			☺	☺	☺

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT

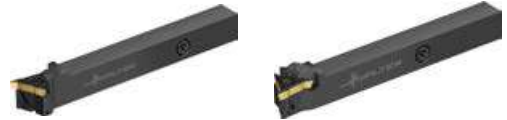
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

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

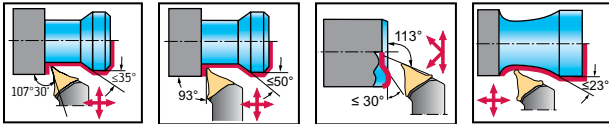
Shank tool – Copy turning system

W1011...-S-P

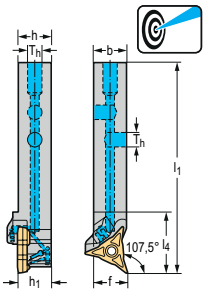
Walter Turn








- Precision cooling
- For Swiss Machining



Tool



Designation		h = h ₁ mm	b mm	f mm	h 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"	WL17..
W1011-1212L-WL17-S-P		17	12	12	110	22	0°	0°	M8X1	WL17..
W1011-1616L-WL17-S-P		17	16	16	110	22	0°	0°	G1/8"	WL17..

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: WL17-VC050804R-FM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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
	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

Designation	r mm	l _e mm	l _{e1} mm	P		M		S	
				HC		HC		HC	
				WMP20S	WPP20G	WMP20S	WSM10S	WSM20S	WSM10S
	WL17-VC0502L-FM4	0,2	4,3	2,5					
	WL17-VC0504L-FM4	0,4	4,6	3,1					
	WL17-VC0508L-FM4	0,4	5	3,6					
	WL17-VC0502R-FM4	0,2	4,3	2,5					
	WL17-VC0504R-FM4	0,4	4,6	3,1					
	WL17-VC0508R-FM4	0,4	5	3,6					
	WL17-VC0502N-FM4	0,2	4,6						
	WL17-VC0504N-FM4	0,4	5						
	WL17-VC0504N-FP4	0,4	5						
	WL17-VC0504N-MM4	0,4	5						
	WL17-VC0504N-MP4	0,4	5						
	WL17-VC0508N-FM4	0,8	5,7						
	WL17-VC0508N-FP4	0,8	5,7						
	WL17-VC0508N-MM4	0,8	5,7						
	WL17-VC0508N-MP4	0,8	5,7						

HC = beschichtetes Hartmetall

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

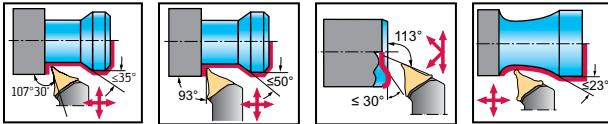
Shank tool – Copy turning system

W1011...-P

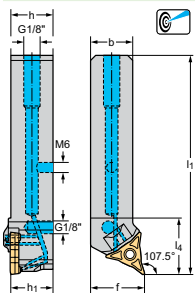
Walter Turn



– Precision cooling



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

W1011-2020R-WL17-P
 W1011-1616R-WL25-P
 W1011-2020R-WL25-P
 W1011-2525R-WL25-P
 W1011-3225R-WL25-P
 W1011-2020L-WL17-P
 W1011-1616L-WL25-P
 W1011-2020L-WL25-P
 W1011-2525L-WL25-P
 W1011-3225L-WL25-P

17

20

20

25

125

25

0°

0°

WL17..

25

16

16

20

115

30

0°

0°

WL25..

25

20

20

25

115

33,5

0°

0°

25

25

25

32

130

33,5

0°

0°

25

32

25

32

140

36,5

0°

0°

17

20

20

25

125

25

0°

0°

WL17..

25

16

16

20

115

30

0°

0°

WL25..

25

20

20

25

115

33,5

0°

0°

25

25

25

32

130

33,5

0°

0°

25

32

25

32

140

36,5

0°

0°

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

Assembly parts

	Type	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)	

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M			K	S			H	
				HC				HC			HC	HC			BC	
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S
WL17-VC0502L-FM4	0.2	4.3	2.5													
WL25-VC0702L-FM4	0.2	5.5	3.4													
WL25-VC0704LTM-3	0.4	3	3													
WL17-VC0504L-FM4	0.4	4.6	3.1													
WL17-VC0508L-FM4	0.4	5	3.6													
WL25-VC0704L-FM4	0.4	6.2	3.9													
WL25-VC0704L-FP4	0.4	6.2	3.9													
WL25-VC0704L-MM4	0.4	6.2	3.9													
WL25-VC0704L-MP4	0.4	6.2	3.9													
WL25-VC0708LTM-3	0.8	3	3													
WL25-VC0708L-FM4	0.8	6.6	4.6													
WL25-VC0708L-FP4	0.8	6.6	4.6													
WL25-VC0708L-MM4	0.8	6.6	4.6													
WL25-VC0708L-MP4	0.8	6.6	4.6													
WL17-VC0502R-FM4	0.2	4.3	2.5													
WL25-VC0702R-FM4	0.2	5.5	3.4													
WL25-VC0704RTM-3	0.4	3	3													
WL17-VC0504R-FM4	0.4	4.6	3.1													
WL17-VC0508R-FM4	0.4	5	3.6													
WL25-VC0704R-FM4	0.4	6.2	3.9													
WL25-VC0704R-FP4	0.4	6.2	3.9													
WL25-VC0704R-MM4	0.4	6.2	3.9													
WL25-VC0704R-MP4	0.4	6.2	3.9													
WL25-VC0708RTM-3	0.8	3	3													
WL25-VC0708R-FM4	0.8	6.6	4.6													
WL25-VC0708R-FP4	0.8	6.6	4.6													
WL25-VC0708R-MM4	0.8	6.6	4.6													
WL25-VC0708R-MP4	0.8	6.6	4.6													
WL17-VC0502N-FM4	0.2	4.6														
WL25-VC0702N-FM4	0.2	6														
WL25-VC0704NTM-3	0.4	3														
WL17-VC0504N-FM4	0.4	5														
WL17-VC0504N-FP4	0.4	5														
WL17-VC0504N-MM4	0.4	5														
WL17-VC0504N-MP4	0.4	5														
WL25-VC0704N-FM4	0.4	6.3														
WL25-VC0704N-FP4	0.4	6.3														
WL25-VC0704N-MM4	0.4	6.3														
WL25-VC0704N-MP4	0.4	6.3														
WL25-VC0708NTM-3	0.8	3														

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

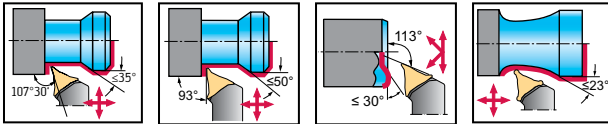
Shank tool – Copy turning system

W1011...-P inch

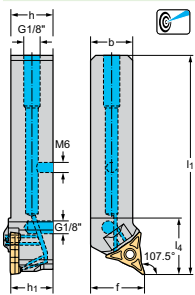
Walter Turn



– Precision cooling



Tool



Designation



h = h₁
inch

b
inch

f
inch

l₁
inch

l₄
inch

γ

λ_s

Type

Designation	Symbol	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°	WL25..
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°	WL25..

Square shank

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

Assembly parts

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

Indexable inserts

Designation	r inch	l _e inch	l _{e1} inch	P				M				K	S			H
				HC				HC				HC	HC			BC
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S
WL25-VC0702L-FM4	0,008	0,217	0,134													
WL25-VC0704LTM-3	0,016	0,118	0,118													
WL25-VC0704L-FM4	0,016	0,244	0,154													
WL25-VC0704L-FP4	0,016	0,244	0,154	☺	☺	☺				☺						
WL25-VC0704L-MM4	0,016	0,244	0,154		☺		☺							☺		
WL25-VC0704L-MP4	0,016	0,244	0,154			☺	☺									
WL25-VC0708LTM-3	0,031	0,118	0,118													☺
WL25-VC0708L-FM4	0,031	0,260	0,181													
WL25-VC0708L-FP4	0,031	0,260	0,181	☺		☺	☺									
WL25-VC0708L-MM4	0,031	0,260	0,181		☺		☺							☺		
WL25-VC0708L-MP4	0,031	0,260	0,181			☺	☺									
WL25-VC0702R-FM4	0,008	0,217	0,134													
WL25-VC0704RTM-3	0,016	0,118	0,118													☺
WL25-VC0704R-FM4	0,016	0,244	0,154													
WL25-VC0704R-FP4	0,016	0,244	0,154	☺		☺	☺							☺		
WL25-VC0704R-MM4	0,016	0,244	0,154		☺		☺							☺		
WL25-VC0704R-MP4	0,016	0,244	0,154			☺	☺									
WL25-VC0708RTM-3	0,031	0,118	0,118													☺
WL25-VC0708R-FM4	0,031	0,260	0,181													
WL25-VC0708R-FP4	0,031	0,260	0,181	☺		☺	☺									
WL25-VC0708R-MM4	0,031	0,260	0,181		☺		☺							☺		
WL25-VC0708R-MP4	0,031	0,260	0,181			☺	☺									
WL25-VC0702N-FM4	0,008	0,236														
WL25-VC0704NTM-3	0,016	0,118														☺
WL25-VC0704N-FM4	0,016	0,248														
WL25-VC0704N-FP4	0,016	0,248		☺		☺	☺							☺		
WL25-VC0704N-MM4	0,016	0,248			☺		☺							☺		
WL25-VC0704N-MP4	0,016	0,248				☺	☺									
WL25-VC0708NTM-3	0,031	0,118														☺
WL25-VC0708N-FM4	0,031	0,280														
WL25-VC0708N-FP4	0,031	0,280		☺		☺	☺							☺		
WL25-VC0708N-MM4	0,031	0,280			☺		☺							☺		
WL25-VC0708N-MP4	0,031	0,280				☺	☺									
WL25-VC0712N-MM4	0,047	0,291														
WL25-VC0712N-MP4	0,047	0,291				☺	☺									
WL25-VC0716N-MM4	0,063	0,343														
WL25-VC0716N-MP4	0,063	0,343				☺	☺									
WL25-RC0420NTM-3	0,079	0,126														☺
WL25-RC0420N-MU6	0,079	0,283														☺
WL25-RC0525NTM-3	0,098	0,197														☺
WL25-RC0525N-MU6	0,098	0,272														☺

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

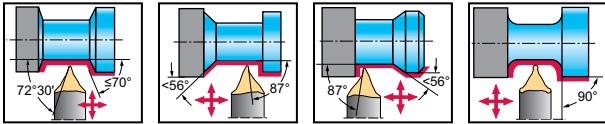
Shank tool – Copy turning system

W1010...-P

Walter Turn



– Precision cooling



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
	W1010-1616N-WL17-P		17	16	8	120	22	0°	0°	WL17..
	W1010-2020N-WL25-P		25	20	10	115	33,5	0°	0°	WL25..
	W1010-2525N-WL25-P		25	25	13	130	33,5	0°	0°	

Square shank

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

Assembly parts

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

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S			H
				HC				HC				HC	HC			BC
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S
WL17-VC0502L-FM4	0.2	4.3	2.5													
WL25-VC0702L-FM4	0.2	5.5	3.4													
WL25-VC0704LTM-3	0.4	3	3													
WL25-VC0704NTM-3	0.4	3	3													
WL17-VC0504L-FM4	0.4	4.6	3.1													
WL17-VC0508L-FM4	0.4	5	3.6													
WL25-VC0704L-FM4	0.4	6.2	3.9													
WL25-VC0704L-FP4	0.4	6.2	3.9													
WL25-VC0704L-MM4	0.4	6.2	3.9													
WL25-VC0704L-MP4	0.4	6.2	3.9													
WL25-VC0708LTM-3	0.8	3	3													
WL25-VC0708NTM-3	0.8	3	3													
WL25-VC0708L-FM4	0.8	6.6	4.6													
WL25-VC0708L-FP4	0.8	6.6	4.6													
WL25-VC0708L-MM4	0.8	6.6	4.6													
WL25-VC0708L-MP4	0.8	6.6	4.6													
WL17-VC0502R-FM4	0.2	4.3	2.5													
WL25-VC0702R-FM4	0.2	5.5	3.4													
WL25-VC0704RTM-3	0.4	3	3													
WL17-VC0504R-FM4	0.4	4.6	3.1													
WL17-VC0508R-FM4	0.4	5	3.6													
WL25-VC0704R-FM4	0.4	6.2	3.9													
WL25-VC0704R-FP4	0.4	6.2	3.9													
WL25-VC0704R-MM4	0.4	6.2	3.9													
WL25-VC0704R-MP4	0.4	6.2	3.9													
WL25-VC0708RTM-3	0.8	3	3													
WL25-VC0708R-FM4	0.8	6.6	4.6													
WL25-VC0708R-FP4	0.8	6.6	4.6													
WL25-VC0708R-MM4	0.8	6.6	4.6													
WL25-VC0708R-MP4	0.8	6.6	4.6													
WL17-VC0502N-FM4	0.2	4.6														
WL25-VC0702N-FM4	0.2	6														
WL17-VC0504N-FM4	0.4	5														
WL17-VC0504N-FP4	0.4	5														
WL17-VC0504N-MM4	0.4	5														
WL17-VC0504N-MP4	0.4	5														
WL25-VC0704N-FM4	0.4	6.3														
WL25-VC0704N-FP4	0.4	6.3														
WL25-VC0704N-MM4	0.4	6.3														
WL25-VC0704N-MP4	0.4	6.3														

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

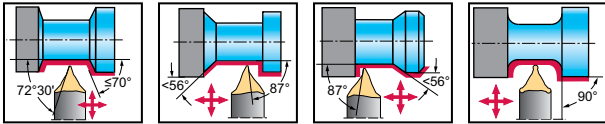
Shank tool – Copy turning system

W1010...-P inch

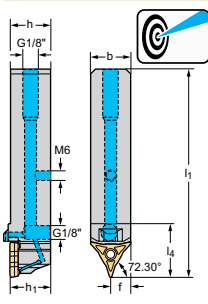
Walter Turn



– Precision cooling



Tool		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
W1010.12N-WL25-P	25	0,750	0,750	0,375	4,500	1,319	0°	0°	WL25..
W1010.16N-WL25-P	25	1,000	1,000	0,500	6,000	1,319	0°	0°	



Square shank

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

Assembly parts

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

Indexable inserts

Designation	r inch	l _e inch	l _{e1} inch	P				M				K	S			H
				HC				HC				HC	HC			BC
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S
WL25-VC0702L-FM4	0,008	0,217	0,134													
WL25-VC0704LTM-3	0,016	0,118	0,118													
WL25-VC0704L-FM4	0,016	0,244	0,154													
WL25-VC0704L-FP4	0,016	0,244	0,154	☺	☺	☺				☺						
WL25-VC0704L-MM4	0,016	0,244	0,154		☺		☺							☺		
WL25-VC0704L-MP4	0,016	0,244	0,154			☺	☺									
WL25-VC0708LTM-3	0,031	0,118	0,118													☺
WL25-VC0708L-FM4	0,031	0,260	0,181													
WL25-VC0708L-FP4	0,031	0,260	0,181	☺		☺	☺									
WL25-VC0708L-MM4	0,031	0,260	0,181		☺		☺							☺		
WL25-VC0708L-MP4	0,031	0,260	0,181			☺	☺									
WL25-VC0702R-FM4	0,008	0,217	0,134													
WL25-VC0704RTM-3	0,016	0,118	0,118													☺
WL25-VC0704R-FM4	0,016	0,244	0,154													
WL25-VC0704R-FP4	0,016	0,244	0,154	☺		☺	☺							☺		
WL25-VC0704R-MM4	0,016	0,244	0,154		☺		☺							☺		
WL25-VC0704R-MP4	0,016	0,244	0,154			☺	☺									
WL25-VC0708RTM-3	0,031	0,118	0,118													☺
WL25-VC0708R-FM4	0,031	0,260	0,181													
WL25-VC0708R-FP4	0,031	0,260	0,181	☺		☺	☺									
WL25-VC0708R-MM4	0,031	0,260	0,181		☺		☺							☺		
WL25-VC0708R-MP4	0,031	0,260	0,181			☺	☺									
WL25-VC0702N-FM4	0,008	0,236														
WL25-VC0704NTM-3	0,016	0,118														☺
WL25-VC0704N-FM4	0,016	0,248														
WL25-VC0704N-FP4	0,016	0,248		☺		☺	☺							☺		
WL25-VC0704N-MM4	0,016	0,248			☺		☺							☺		
WL25-VC0704N-MP4	0,016	0,248				☺	☺									
WL25-VC0708NTM-3	0,031	0,118														☺
WL25-VC0708N-FM4	0,031	0,280														
WL25-VC0708N-FP4	0,031	0,280		☺		☺	☺							☺		
WL25-VC0708N-MM4	0,031	0,280			☺		☺							☺		
WL25-VC0708N-MP4	0,031	0,280				☺	☺									
WL25-VC0712N-MM4	0,047	0,291														
WL25-VC0712N-MP4	0,047	0,291				☺	☺									
WL25-VC0716N-MM4	0,063	0,343														
WL25-VC0716N-MP4	0,063	0,343				☺	☺									
WL25-RC0420NTM-3	0,079	0,126														☺
WL25-RC0420N-MU6	0,079	0,283														☺
WL25-RC0525NTM-3	0,098	0,197														☺
WL25-RC0525N-MU6	0,098	0,272														☺

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

Shank tool – WL copy turning system A 209

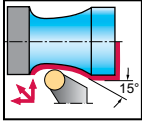
Shank tool – Rigid clamping

CRSN

Walter Turn

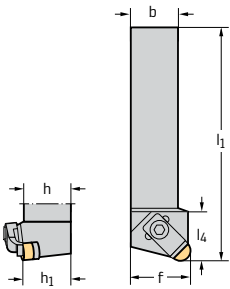


- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool

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



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RN .. 120700 / RN .. 150700 | Refer to the 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]	RN .. 1507 .. 32	RNGN1207 .. 25-32
	Shim	AP419-RN1507	
	Shim for RN .. 1207 ..		AP418-RN1207
	Screw for shim Tightening torque	FS2242 (SW 2) 2 Nm	FS2241 (T20) 5 Nm
	Clamp with screw	PK258-SET	PK258-SET
	Carbide clamping plate	FK380	FK380
	Allen key for clamp	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torx key for shim		FS256 (T20)
	Allen key for shim	ISO2936-2 (SW 2)	

Accessories

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

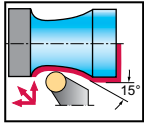
Shank tool - Rigid clamping

CRSN...-P

Walter Turn



- Precision cooling
- For ceramic indexable inserts



Tool	Designation		h = h ₁ mm	b mm	l ₁ mm	l ₂ mm	f mm	γ	λ _s	Type
	CRSNR2525X12-P	12	25	25	130	38,5	32	-6°	-6°	RNGN1207 ..
	CRSNL2525X12-P	12	25	25	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	RNGN1207 ..
		h = h ₁ [mm]	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

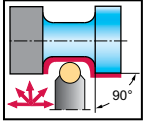
Shank tool – Rigid clamping

CRDN

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
										RNGN1207 ..
	CRDNN2525M12-ID	12	25	25	150	32	18,8	-8°	0°	RNGN1207 ..
	CRDNN3225P12-ID	12	32	25	170	32	18,8	-8°	0°	RNGN1207 ..

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	RNGN1207 ..
		h = h ₁ [mm]	25–32
	Shim for RN .. 1207 ..		AP418-RN1207
	Screw for shim Tightening torque		FS2241 (T20) 5 Nm
	Clamp with screw		PK258-SET
	Carbide clamping plate		FK380
	Allen key for clamp		ISO2936-4 (SW 4)
	Torx key		FS256 (T20)
Accessories		Type	RNGN1207 ..
	Shim for RN .. 1204 ..		AP421-RN1204

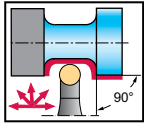
Shank tool – Rigid clamping


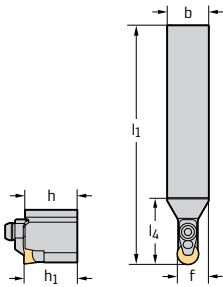
CRDC

Walter Turn



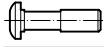



- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool	Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
 <p>Square shank</p>	CRDCN3225P09-A	9	32	25	17,2	170	31	0°	0°	RC . X0907 .. RP . X0907 ..
	CRDCN3225P12-A	12	32	25	18,8	170	40	0°	0°	RC . X1207 .. RP . X1207 ..

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)

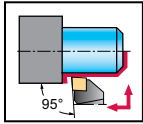
Turning tools – Rigid clamping

C...-DCLN

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-DCLNL-27050-12	12	C4	27	50	110	140	-6°	-6°	CN .. 1204 ..
		C4-DCLNR-27050-12	12	C4	27	50	110	140	-6°	-6°	
		C5-DCLNL-35060-12	12	C5	35	60	110	165	-6°	-6°	
		C5-DCLNR-35060-12	12	C5	35	60	110	165	-6°	-6°	
		C6-DCLNL-45065-12	12	C6	45	65	110	190	-6°	-6°	
		C6-DCLNR-45065-12	12	C6	45	65	110	190	-6°	-6°	
		C8-DCLNL-55080-12	12	C8	55	80	110	250	-6°	-6°	
		C8-DCLNR-55080-12	12	C8	55	80	110	250	-6°	-6°	
	C4-DCLNL-27055-16	16	C4	27	55	125	145	-6°	-6°	CN .. 1606 ..	
	C4-DCLNR-27055-16	16	C4	27	55	125	145	-6°	-6°		
	C5-DCLNL-35060-16	16	C5	35	60	125	165	-6°	-6°		
	C5-DCLNR-35060-16	16	C5	35	60	125	165	-6°	-6°		
	C6-DCLNL-45065-16	16	C6	45	65	125	190	-6°	-6°		
	C6-DCLNR-45065-16	16	C6	45	65	125	190	-6°	-6°		
	C8-DCLNL-55080-16	16	C8	55	80	125	250	-6°	-6°		
	C8-DCLNR-55080-16	16	C8	55	80	125	250	-6°	-6°		
	C5-DCLNL-35060-19	19	C5	35	60	80	165	165	-6°	-6°	CN .. 1906 ..
	C5-DCLNR-35060-19	19	C5	35	60	80	165	165	-6°	-6°	
	C6-DCLNL-45065-19	19	C6	45	65	81	190	190	-6°	-6°	
	C6-DCLNR-45065-19	19	C6	45	65	81	190	190	-6°	-6°	
	C8-DCLNL-55080-19	19	C8	55	80	100	50	50	-6°	-6°	
	C8-DCLNR-55080-19	19	C8	55	80	100	250	250	-6°	-6°	

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		

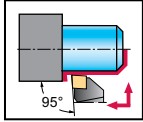
Turning tools – Rigid clamping

C...-DCLN...-P

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-DCLNR-27050-12-P		12	C4	27	50	500	500	-6°	-6°	CN .. 1204 ..
C5-DCLNR-35060-12-P		12	C5	35	60	600	600	-6°	-6°	
C6-DCLNR-45065-12-P		12	C6	45	65	600	600	-6°	-6°	
C8-DCLNR-55080-12-P		12	C8	55	80	700	700	-6°	-6°	
C5-DCLNR-35060-16-P		16	C5	35	60	600	600	-5,5°	-6,4°	CN .. 1606 ..
C6-DCLNR-45065-16-P		16	C6	45	65	600	600	-6°	-6°	
C8-DCLNR-55080-16-P		16	C8	55	80	700	700	-5,5°	-6,4°	
C4-DCLNL-27050-12-P		12	C4	27	50	500	500	-6°	-6°	CN .. 1204 ..
C5-DCLNL-35060-12-P		12	C5	35	60	600	600	-6°	-6°	
C6-DCLNL-45065-12-P		12	C6	45	65	600	600	-6°	-6°	
C8-DCLNL-55080-12-P		12	C8	55	80	700	700	-6°	-6°	
C5-DCLNL-35060-16-P		16	C5	35	60	600	600	-5,5°	-6,4°	CN .. 1606 ..
C6-DCLNL-45065-16-P		16	C6	45	65	600	600	-6°	-6°	
C8-DCLNL-55080-16-P		16	C8	55	80	700	700	-5,5°	-6,4°	

Walter Capto™ in acc. with ISO 26623

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

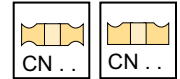
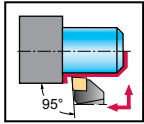
Turning tools – Lever clamping

C...-PCLN

Walter Turn



– Walter Capto™




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

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	Type d ₁	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

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

Turning tools – Rigid clamping

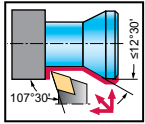
C...-DDHN...-P

mm

Walter Turn



- Precision cooling
- Walter Capto™



Tool

	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
										DN .. 1506 ..
	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	DN .. 1506 .. C6
Shim	AP304-DN15
Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
Clamp	PK256
Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
Pressure spring	FS2188
Torx key	FS1465 (T15IP)

Accessories

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

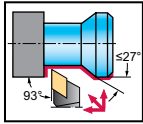
Turning tools – Rigid clamping

C...-DDJN

Walter Turn



– Walter Capto™




Tool	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-DDJNL-27050-11		11	C4	27	50	60	140	-6°	-7°	DN .. 1104 ..	
	C4-DDJNR-27050-11		11	C4	27	50	60	140	-6°	-7°		
	C5-DDJNL-35060-11		11	C5	35	60	65	165	-6°	-7°		
	C5-DDJNR-35060-11		11	C5	35	60	65	165	-6°	-7°		
	C6-DDJNL-45065-11		11	C6	45	65	81	190	-6°	-7°		
	C6-DDJNR-45065-11		11	C6	45	65	81	190	-6°	-7°		
		C4-DDJNL-27055-15		15	C4	27	55	110	145	-6°	-7°	DN .. 1506 ..
		C4-DDJNR-27055-15		15	C4	27	55	110	145	-6°	-7°	
		C5-DDJNL-35060-15		15	C5	35	60	110	165	-6°	-7°	
		C5-DDJNR-35060-15		15	C5	35	60	110	165	-6°	-7°	
C6-DDJNL-45065-15			15	C6	45	65	110	190	-6°	-7°		
C6-DDJNR-45065-15			15	C6	45	65	110	190	-6°	-7°		
C8-DDJNL-55080-15			15	C8	55	80	110	250	-6°	-7°		
C8-DDJNR-55080-15			15	C8	55	80	110	250	-6°	-7°		

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	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	FS1461 (T15IP) 2,5 Nm
	Clamp	PK240	PK240	PK241	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	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1469	FS1469	FS1470	FS1470	FS1470	FS1470
	Pin	RS116	RS116	RS117	RS117	RS117	RS117
	Cooling nozzle	FS1477	FS1476	FS1477	FS1475	FS1476	FS1479
	Torx key	FS1466 (T9IP)	FS1466 (T9IP)	FS1465 (T15IP)	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

Accessories

	Type	DN .. 1104 ..	DN .. 1506 ..
	Shim for DN .. 1507 ..		AP412-DN1507

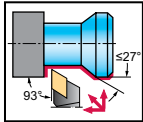
Turning tools – Rigid clamping

C...-DDJN...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool

Designation		d_1	f mm	l_4 mm	D_{\min} mm	$D_{\min 2}$ mm	γ	λ_s	Type	
C4-DDJNR-27055-11-P		11	C4	27	55	500	500	-6°	-7°	DN .. 1104 ..
C4-DDJNR-27055-15-P		15	C4	27	55	500	500	-6°	-7°	DN .. 1506 ..
C5-DDJNR-35060-15-P		15	C5	35	60	500	600	-6°	-7°	
C6-DDJNR-45065-15-P		15	C6	45	65	500	600	-6°	-7°	
C8-DDJNR-55080-15-P		15	C8	55	80	1.100	700	-6°	-7°	
C4-DDJNL-27055-11-P		11	C4	27	55	500	500	-6°	-7°	DN .. 1104 ..
C4-DDJNL-27055-15-P		15	C4	27	55	500	500	-6°	-7°	DN .. 1506 ..
C5-DDJNL-35060-15-P		15	C5	35	60	500	600	-6°	-7°	
C6-DDJNL-45065-15-P		15	C6	45	65	500	600	-6°	-7°	
C8-DDJNL-55080-15-P		15	C8	55	80	1.100	700	-6°	-7°	

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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 .. C4	DN .. 1506 .. C4-C8
Shim	AP305-DN11	AP304-DN15
Screw for shim Tightening torque	FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm
Clamp	PK255	PK256
Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm
Pressure spring	FS2188	FS2188
Torx key	FS1465 (T15IP)	FS1465 (T15IP)

Accessories

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

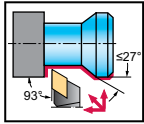
Turning tools – Lever clamping

C...-PDJN

Walter Turn



– Walter Capto™



Tool	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-PDJNL-22045-11	11	C3	22	45	80	116	-6°	-7°	DN .. 1104 ..
	C3-PDJNR-22045-11	11	C3	22	45	80	116	-6°	-7°	
	C4-PDJNL-27050-11	11	C4	27	50	80	140	-6°	-7°	
	C4-PDJNR-27050-11	11	C4	27	50	80	140	-6°	-7°	
	C5-PDJNL-35060-11	11	C5	35	60	80	165	-6°	-7°	
	C5-PDJNR-35060-11	11	C5	35	60	80	165	-6°	-7°	
	C4-PDJNL-27050-15	15	C4	27	50	80	140	-6°	-7°	DN .. 1506 ..
	C4-PDJNR-27050-15	15	C4	27	50	80	140	-6°	-7°	
	C5-PDJNL-35060-15	15	C5	35	60	80	165	-6°	-7°	
	C5-PDJNR-35060-15	15	C5	35	60	80	165	-6°	-7°	
	C6-PDJNL-45065-15	15	C6	45	65	80	190	-6°	-7°	
	C6-PDJNR-45065-15	15	C6	45	65	80	190	-6°	-7°	

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	AP145-DN1516
	Lever	KN119	KN119	KN103	KN103
	Clamping screw Tightening torque	FS351 (SW 2,5) 2 Nm	FS351 (SW 2,5) 2 Nm	FS355 (SW 3) 5 Nm	FS355 (SW 3) 5 Nm
	Shim pin	RS101	RS101	RS102	RS102
	Tapered assembly pin	MD101	MD101	MD101	MD101
	Cooling nozzle	FS1477	FS1476	FS1477	FS1476
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

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

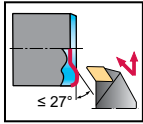
Turning tools – Rigid clamping

C...-DDUN

Walter Turn



– Walter Capto™



Tool		Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
		C4-DDUNL-27050-15	15	C4	27	50	110	140	-6°	-7°	DN .. 1506 ..
		C4-DDUNR-27050-15	15	C4	27	50	110	140	-6°	-7°	
		C5-DDUNL-35060-15	15	C5	35	60	110	165	-6°	-7°	
		C5-DDUNR-35060-15	15	C5	35	60	110	165	-6°	-7°	
		C6-DDUNL-45065-15	15	C6	45	65	110	190	-6°	-7°	
		C6-DDUNR-45065-15	15	C6	45	65	110	190	-6°	-7°	
		C8-DDUNL-55080-15	15	C8	55	80	110	250	-6°	-7°	
		C8-DDUNR-55080-15	15	C8	55	80	110	250	-6°	-7°	

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 d_1	DN .. 1506 .. C4	DN .. 1506 .. C5-C6	DN .. 1506 .. C8
	Shim		AP304-DN15	AP304-DN15	AP304-DN15
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm
	Clamp		PK241	PK241	PK241
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm
	Pressure spring		FS1471	FS1471	FS1471
	Pin		RS117	RS117	RS117
	Cooling nozzle		FS1477	FS1476	FS1479
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)

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

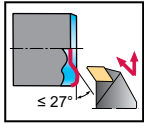
Turning tools – Rigid clamping

C...-DDUN...-P mm

Walter Turn



- Precision cooling
- Walter Capto™



Tool		Designation		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	DN .. 1506 ..
	Shim	d_1	C6
	Screw for shim Tightening torque		AP304-DN15
	Clamp		FS1461 (T15IP) 2,5 Nm
	Screw for clamp Tightening torque		PK256
	Pressure spring		FS1473 (T15IP) 3,9 Nm
	Torx key		FS2188
			FS1465 (T15IP)

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

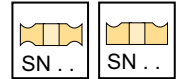
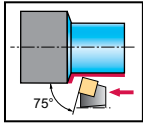
Turning tools – Rigid clamping

C...-DSRN

Walter Turn



– Walter Capto™



Tool

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-DSRNL-22050-12		12	C4	22	50	140	-6°	-6°	SN .. 1204 ..	
	C4-DSRNR-22050-12		12	C4	22	50	140	-6°	-6°		
	C5-DSRNL-27060-12		12	C5	27	60	165	-6°	-6°		
	C5-DSRNR-27060-12		12	C5	27	60	165	-6°	-6°		
	C6-DSRNL-35065-12		12	C6	35	65	190	-6°	-6°		
	C6-DSRNR-35065-12		12	C6	35	65	190	-6°	-6°		
	C5-DSRNL-27060-15		15	C5	27	60	165	-6°	-6°	SN .. 1506 ..	
	C5-DSRNR-27060-15		15	C5	27	60	165	-6°	-6°		
	C6-DSRNL-35065-15		15	C6	35	65	190	-6°	-6°		
	C6-DSRNR-35065-15		15	C6	35	65	190	-6°	-6°		
	C6-DSRNL-35065-19		19	C6	35	65	190	-6°	-6°	SN .. 1906 ..	
	C6-DSRNR-35065-19		19	C6	35	65	190	-6°	-6°		
	C8-DSRNL-45080-19		19	C8	45	80	250	250	-6°	-6°	
	C8-DSRNR-45080-19		19	C8	45	80	250	250	-6°	-6°	
	C8-DSRNL-45080-25		25	C8	45	80	250	250	-6°	-6°	SN .. 2507 ..
	C8-DSRNR-45080-25		25	C8	45	80	250	250	-6°	-6°	

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		

Accessories

	Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..	SN .. 2507 ..
	Insert with hole Carbide clamp set	PK254-SET			
	Shim for SN .. 1207 ..	AP413-SN1207			
	Shim for SN .. 2509 ..				AP351-SN2509

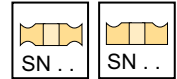
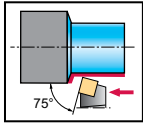
Turning tools – Lever clamping

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

Walter Capto™ in acc. with ISO 26623

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

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

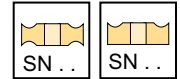
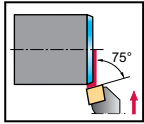
Turning tools – Rigid clamping

C...-DSKN

Walter Turn



– Walter Capto™



Tool											
Designation			d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type	
 Walter Capto™ in acc. with ISO 26623	C4-DSKNL-27050-12	12	C4	27	50	110		-6°	-6°	SN .. 1204 ..	
	C4-DSKNR-27050-12	12	C4	27	50	110		-6°	-6°		
	C5-DSKNL-35060-12	12	C5	35	60	110		-6°	-6°		
	C5-DSKNR-35060-12	12	C5	35	60	110		-6°	-6°		
	C6-DSKNL-45065-12	12	C6	45	65	110		-6°	-6°		
	C6-DSKNR-45065-12	12	C6	45	65	110		-6°	-6°		
	C5-DSKNL-35060-15	15	C5	35	60	125		-6°	-6°	SN .. 1506 ..	
	C5-DSKNR-35060-15	15	C5	35	60	125		-6°	-6°		
	C6-DSKNL-45065-19	19	C6	45	65	125		-6°	-6°	SN .. 1906 ..	
	C6-DSKNR-45065-19	19	C6	45	65	125		-6°	-6°		
	C8-DSKNL-55080-19	19	C8	55	80	125		-6°	-6°		
	C8-DSKNR-55080-19	19	C8	55	80	125		-6°	-6°		

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			SN .. 1204 .. C4	SN .. 1204 .. C5–C6	SN .. 1506 .. C5	SN .. 1906 .. C6	SN .. 1906 .. C8
	Shim		AP308-SN12	AP308-SN12	AP309-SN15	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	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK241	PK242	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	FS1474 (T20IP) 6,4 Nm
	Pressure spring		FS1470	FS1470	FS1471	FS1471	FS1471
	Pin		RS117	RS117	RS117	RS117	RS117
	Cooling nozzle		FS1477	FS1476	FS1476	FS1476	FS1479
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)			
	Allen key				FS1464 (T20IP)	FS1464 (T20IP)	FS1464 (T20IP)

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

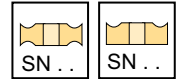
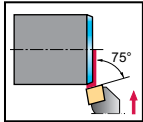
Turning tools – Lever clamping

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-PSKNL-45065-15	15	C6	45	65	81	190	-6°	-6°	SN .. 1506 ..
	C6-PSKNR-45065-15	15	C6	45	65	81	190	-6°	-6°	
	C6-PSKNL-45065-19	19	C6	45	65	81	190	-6°	-6°	SN .. 1906 ..
	C6-PSKNR-45065-19	19	C6	45	65	81	190	-6°	-6°	
	C8-PSKNL-55080-19	19	C8	55	80	100	250	-6°	-6°	
	C8-PSKNR-55080-19	19	C8	55	80	100	250	-6°	-6°	

Walter Capto™ in acc. with ISO 26623

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

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

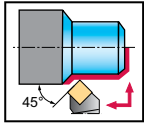
Turning tools – Rigid clamping

C...-DSSN

Walter Turn



– Walter Capto™




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

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	SN .. 1204 ..		SN .. 1506 ..		SN .. 1906 ..			
		d ₁	C4	C5	C6	C4	C5	C6	
	Shim		AP308-SN12	AP308-SN12	AP308-SN12	AP309-SN15	AP309-SN15	AP309-SN15	AP310-SN19
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK241	PK241	PK242	PK242	PK242	PK243
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm	FS1474 (T20IP) 6,4 Nm	FS1474 (T20IP) 6,4 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring		FS1470	FS1470	FS1470	FS1471	FS1471	FS1471	FS1471
	Pin		RS117	RS117	RS117	RS117	RS117	RS117	RS117
	Cooling nozzle		FS1477	FS1476	FS1475	FS1477	FS1476	FS1475	FS1476
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)				
	Allen key					FS1464 (T20IP)	FS1464 (T20IP)	FS1464 (T20IP)	FS1464 (T20IP)

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

Accessories

	Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
	Shim for SN .. 1207 ..	AP413-SN1207		

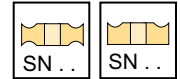
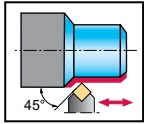
Turning tools – Rigid clamping

C...-DSDN

Walter Turn



– Walter Capto™



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

Walter Capto™ in acc. with ISO 26623

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

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

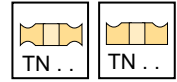
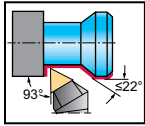
Turning tools – Wedge clamping

C...-MTJN

Walter Turn



– Walter Capto™



Tool	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-MTJNL-27050-16	16	C4	27	50			-6°	-6°	TN .. 1604 ..
	C4-MTJNR-27050-16	16	C4	27	50			-6°	-6°	
	C5-MTJNL-35060-16	16	C5	35	60			-6°	-6°	
	C5-MTJNR-35060-16	16	C5	35	60			-6°	-6°	
	C4-MTJNL-27050-22	22	C4	27	50			-6°	-6°	TN .. 2204 ..
	C4-MTJNR-27050-22	22	C4	27	50			-6°	-6°	
	C5-MTJNL-35060-22	22	C5	35	60			-6°	-6°	
	C5-MTJNR-35060-22	22	C5	35	60			-6°	-6°	
	C6-MTJNL-45065-22	22	C6	45	65			-6°	-6°	
	C6-MTJNR-45065-22	22	C6	45	65			-6°	-6°	

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	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm
	Cooling nozzle	FS1018	FS1019	FS1018	FS1476

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

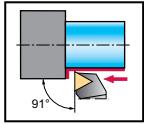
Turning tools – Rigid clamping

C...-DTGN...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool			d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
	Designation									
	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

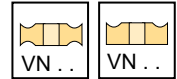
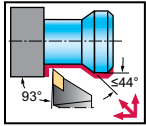
Turning tools – Rigid clamping

C...-DVJN

Walter Turn



– Walter Capto™



Tool		Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
		C4-DVJNL-27062-16	16	C4	27	62	60	152	-4°	-13°	VN .. 1604 ..
		C4-DVJNR-27062-16	16	C4	27	62	60	152	-4°	-13°	
		C5-DVJNL-35065-16	16	C5	35	65	65	170	-4°	-13°	
		C5-DVJNR-35065-16	16	C5	35	65	65	170	-4°	-13°	
		C6-DVJNL-45065-16	16	C6	45	65	81	190	-4°	-13°	
		C6-DVJNR-45065-16	16	C6	45	65	81	190	-4°	-13°	
		C8-DVJNL-55080-16	16	C8	55	80	100	250	-4°	-13°	
		C8-DVJNR-55080-16	16	C8	55	80	100	250	-4°	-13°	

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 d_1	VN .. 1604 .. C4	VN .. 1604 .. C5-C6	VN .. 1604 .. C8
	Shim		AP312-VN16	AP312-VN16	AP312-VN16
	Screw for shim Tightening torque		FS1467 (T15IP) 3 Nm	FS1467 (T15IP) 3 Nm	FS1467 (T15IP) 3 Nm
	Clamp		PK244	PK244	PK244
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm
	Pressure spring		FS1470	FS1470	FS1470
	Pin		RS117	RS117	RS117
	Cooling nozzle		FS1477	FS1476	FS1479
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)

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

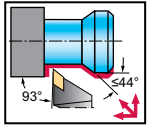
Turning tools - Rigid clamping

C...-DVJN...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool

Designation		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°	VN .. 1604 ..
C6-DVJNR-45065-16-P		16	C6	45	65	700	150	-4°	-13°	VN .. 1604 ..
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°	VN .. 1604 ..
C6-DVJNL-45065-16-P		16	C6	45	65	700	150	-4°	-13°	VN .. 1604 ..

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

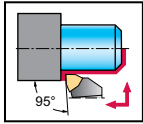
Turning tools – Rigid clamping

C...-DWLN

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-DWLN-27050-06	6	C4	27	50	60	140	-6°	-6°	WN .. 0604 ..
	C4-DWLN-27050-06	6	C4	27	50	60	140	-6°	-6°	
	C5-DWLN-35060-06	6	C5	35	60	65	165	-6°	-6°	
	C5-DWLN-35060-06	6	C5	35	60	65	165	-6°	-6°	
	C4-DWLN-27050-08	8	C4	27	50	110	140	-6°	-6°	WN .. 0804 ..
	C4-DWLN-27050-08	8	C4	27	50	110	140	-6°	-6°	
	C5-DWLN-35060-08	8	C5	35	60	110	165	-6°	-6°	
	C5-DWLN-35060-08	8	C5	35	60	110	165	-6°	-6°	
	C6-DWLN-45065-08	8	C6	45	65	110	190	-6°	-6°	WN .. 1006 ..
	C6-DWLN-45065-08	8	C6	45	65	110	190	-6°	-6°	
	C5-DWLN-35060-10	10	C5	35	60	115	170	-6°	-6°	
	C5-DWLN-35060-10	10	C5	35	60	115	170	-6°	-6°	
C6-DWLN-45065-10	10	C6	45	65	115	195	-6°	-6°	WN .. 1006 ..	
C6-DWLN-45065-10	10	C6	45	65	115	195	-6°	-6°		

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_1	WN .. 0604 .. C4	WN .. 0604 .. C5	WN .. 0804 .. C4	WN .. 0804 .. C5-C6	WN .. 1006 .. C5-C6
	Shim	AP306-WN06	AP306-WN06	AP307-WN08	AP307-WN08	AP311-WN10
	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	FS1463 (T20IP) 5 Nm
	Clamp	PK240	PK240	PK241	PK241	PK242
	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	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1469	FS1469	FS1470	FS1470	FS1471
	Pin	RS116	RS116	RS117	RS117	RS117
	Cooling nozzle	FS1477	FS1475	FS1477	FS1475	FS1475
	Torx key	FS1466 (T9IP)	FS1466 (T9IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key					FS1464 (T20IP)

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

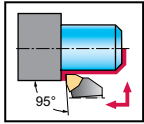
Turning tools – Rigid clamping

C...-DWLN...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool		Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
		C4-DWLN-27050-08-P	8	C4	27	50	500	500	-6°	-6°	WN .. 0804 ..
		C5-DWLN-35060-08-P	8	C5	35	60	600	600	-6°	-6°	
		C6-DWLN-45065-08-P	8	C6	45	65	600	600	-6°	-6°	
		C4-DWLN-27050-08-P	8	C4	27	50	500	500	-6°	-6°	WN .. 0804 ..
		C5-DWLN-35060-08-P	8	C5	35	60	600	600	-6°	-6°	
		C6-DWLN-45065-08-P	8	C6	45	65	600	600	-6°	-6°	

Walter Capto™ in acc. with ISO 26623

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

Assembly parts		Type	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

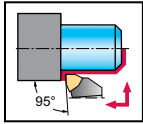
Turning tools – Lever clamping

C...-PWLN

Walter Turn



– Walter Capto™



Tool		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-PWLNL-22040-06	6	C3	22	40	60	116	-6°	-6°	WN .. 0604 ..
		C3-PWLNLR-22040-06	6	C3	22	40	60	116	-6°	-6°	
		C4-PWLNL-27050-06	6	C4	27	50	60	140	-6°	-6°	WN .. 0804 ..
		C4-PWLNLR-27050-06	6	C4	27	50	60	140	-6°	-6°	
		C4-PWLNL-27050-08	8	C4	27	50	60	140	-6°	-6°	WN .. 0804 ..
		C4-PWLNLR-27050-08	8	C4	27	50	60	140	-6°	-6°	
		C5-PWLNL-35060-08	8	C5	35	60	65	165	-6°	-6°	WN .. 1006 ..
		C5-PWLNLR-35060-08	8	C5	35	60	65	165	-6°	-6°	
		C6-PWLNL-45065-08	8	C6	45	65	81	190	-6°	-6°	WN .. 1006 ..
		C6-PWLNLR-45065-08	8	C6	45	65	81	190	-6°	-6°	
		C5-PWLNL-35060-10	10	C5	35	60	80	165	-6°	-6°	WN .. 1006 ..
		C5-PWLNLR-35060-10	10	C5	35	60	80	165	-6°	-6°	
		C6-PWLNL-45065-10	10	C6	45	65	81	190	-6°	-6°	WN .. 1006 ..
		C6-PWLNLR-45065-10	10	C6	45	65	81	190	-6°	-6°	

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_1	WN .. 0604 .. C3-C4	WN .. 0804 .. C4	WN .. 0804 .. C5-C6	WN .. 1006 .. C5-C6
	Shim		AP172-WN0612	AP170-WN0816	AP170-WN0816	AP174-WN1016
	Lever		KN101	KN102	KN102	KN104
	Clamping screw Tightening torque		FS351 (SW 2,5) 2 Nm	FS352 (SW 3) 5 Nm	FS352 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm
	Shim pin		RS101	RS102	RS102	RS103
	Tapered assembly pin		MD101	MD101	MD101	MD102
	Cooling nozzle		FS1477	FS1477	FS1476	FS1476
	Allen key		ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

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

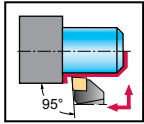
Turning tools – Screw clamping

C...-SCLC

Walter Turn



– Walter Capto™



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

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

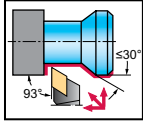
Turning tools - Rigid clamping

C...-DDJC...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool

Tool	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
										DC .. 11T3 ..
	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°	DC .. 11T3 ..
	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°	DC .. 11T3 ..

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

Accessories

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

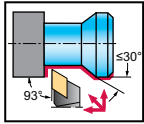
Turning tools – Screw clamping

C...-SDJC

Walter Turn



– Walter Capto™



Tool

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

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

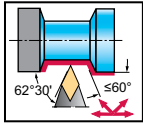
Turning tools – Screw clamping

C...-SDNC

Walter Turn



– Walter Capto™



Tool		Designation		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

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

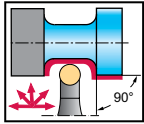
Turning tools – Screw clamping

C...-SRDC

Walter Turn



– Walter Capto™



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

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

Assembly parts		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

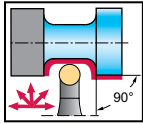
Turning tools – Lever clamping

C...-PRDC

Walter Turn



– Walter Capto™



Tool	Designation		d ₁	f mm	l ₄ mm	h ₁₆ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
	C5-PRDCN-00060-16	16	C5	8	60	35			0°	0°	RC . T1605M0 ..
	C6-PRDCN-00065-16	16	C6	8	65	35			0°	0°	
	C5-PRDCN-00060-20	20	C5	10	60	40			0°	0°	RC . T2006M0 ..
	C6-PRDCN-00065-20	20	C6	10	65	40			0°	0°	
	C6-PRDCN-00065-25	25	C6	13	65	40			0°	0°	RC . T2507M0 ..

Walter Capto™ in acc. with ISO 26623

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		RC . T1605M0 .. C5–C6	RC . T2006M0 .. C5–C6	RC . T2507M0 .. C6
	Shim	AP157	AP158	AP405-RC2507
	Shim pin	RS108	RS103	RS104
	Lever	KN111	KN112	KN113
	Clamping screw Tightening torque	FS344 (SW 2,5) 2,5 Nm	FS354 (SW 3) 5 Nm	FS2145 (SW 4) 10 Nm
	Tapered assembly pin	MD102	MD102	MD102
	Torx key	FS1155 (SW 2,5)		
	Allen key		ISO2936-3 (SW 3)	ISO2936-4 (SW 4)
	Cooling nozzle	FS1019	FS1019	FS1476

Accessories		RC . T1605M0 ..	RC . T2006M0 ..–RC . T2507M0 ..
	Shim for RC .. 1606 ..	AP188	

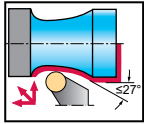
Turning tools – Screw clamping

C...-SRSC

Walter Turn



– Walter Capto™



Tool											
Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type		
<p>Walter Capto™ in acc. with ISO 26623</p>	C4-SRSC-27050-06	6	C4	27	50	160	140	0°	0°	RC . T0602M0 ..	
	C4-SRSCR-27050-06	6	C4	27	50	160	140	0°	0°		
	C4-SRSC-27050-08	8	C4	27	50	110	140	0°	0°	RC . T0803M0 ..	
	C4-SRSCR-27050-08	8	C4	27	50	110	140	0°	0°		
	C5-SRSC-35060-08	8	C5	35	60	110	165	0°	0°		
	C5-SRSCR-35060-08	8	C5	35	60	110	165	0°	0°		
	C4-SRSC-27050-10	10	C4	27	50	150	140	0°	0°	RC . T10T3M0 ..	
	C4-SRSCR-27050-10	10	C4	27	50	150	140	0°	0°		
	C5-SRSC-35060-10	10	C5	35	60	150	165	0°	0°		
	C5-SRSCR-35060-10	10	C5	35	60	150	165	0°	0°		
	C6-SRSC-45065-10	10	C6	45	65	150	190	0°	0°		
	C6-SRSCR-45065-10	10	C6	45	65	150	190	0°	0°		
	C4-SRSC-27050-12	12	C4	27	50	150	140	0°	0°	RC . T1204M0 ..	
	C4-SRSCR-27050-12	12	C4	27	50	150	140	0°	0°		
	C5-SRSC-35060-12	12	C5	35	60	150	165	0°	0°		
	C5-SRSCR-35060-12	12	C5	35	60	150	165	0°	0°		
	C6-SRSC-45065-12	12	C6	45	65	150	190	0°	0°		
	C6-SRSCR-45065-12	12	C6	45	65	175	190	0°	0°		
	C6-SRSC-45065-16	16	C6	45	65	175	190	0°	0°	RC . T1606M0 ..	
	C6-SRSCR-45065-16	16	C6	45	65	175	190	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 d_1		RC . T0602M0 .. C4	RC . T0803M0 .. C4	RC . T0803M0 .. C5	RC . T10T3M0 .. C4	RC . T10T3M0 .. C5-C6	RC . T1204M0 .. C4	RC . T1204M0 .. C5-C6	RC . T1606M0 .. C6	
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS1462 (T9IP) 1,5 Nm	FS1462 (T9IP) 1,5 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm	
	Shim				AP324-RC10T3	AP324-RC10T3	AP325-RC1204	AP325-RC1204	AP326-RC1606	
	Screw for shim				FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2091 (SW 5)	
	Torx key	FS1490 (T7IP)	FS1466 (T9IP)	FS1466 (T9IP)	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)		
	Allen key								FS1464 (T20IP)	
	Cooling nozzle	FS1477	FS1477	FS1476	FS1477	FS1476	FS1477	FS1476	FS1476	

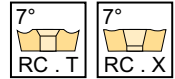
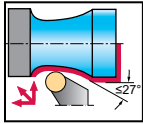
Turning tools – Lever clamping

C...-PRSC

Walter Turn



– Walter Capto™



Tool	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	C5-PRSC-35060-16	16	C5	35	60			0°	0°	RC .. T1605M0 ..
	C5-PRSCR-35060-16	16	C5	35	60			0°	0°	
	C6-PRSC-45065-16	16	C6	45	65			0°	0°	
	C6-PRSCR-45065-16	16	C6	45	65			0°	0°	
	C5-PRSC-35060-20	20	C5	35	60			0°	0°	RC .. T2006M0 ..
	C5-PRSCR-35060-20	20	C5	35	60			0°	0°	
	C6-PRSC-45065-20	20	C6	45	65			0°	0°	
	C6-PRSCR-45065-20	20	C6	45	65			0°	0°	
	C8-PRSC-55080-20	20	C8	55	80	150	250	0°	0°	RC .. T2507M0 ..
	C8-PRSCR-55080-20	20	C8	55	80	150	250	0°	0°	
	C6-PRSC-45065-25	25	C6	45	65	200	190	0°	0°	
	C6-PRSCR-45065-25	25	C6	45	65	200	190	0°	0°	
C8-PRSC-55080-25	25	C8	55	80	200	1.250	0°	0°	RC .. T2507M0 ..	
C8-PRSCR-55080-25	25	C8	55	80	200	250	0°	0°		

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–C6	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	

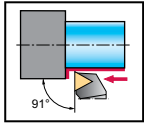
Turning tools – Screw clamping


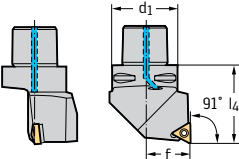

C...-STGC

Walter Turn






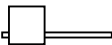

– Walter Capto™



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

Walter Capto™ in acc. with ISO 26623

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	TC .. 1102 ..	TC .. 16T3 ..	TC .. 16T3 ..
		d ₁	C4	C4	C5
	Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim			AP317-TC1612	AP317-TC1612
	Screw for shim			FS2068 (SW 3.5)	FS2068 (SW 3.5)
	Torx key		FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)
	Cooling nozzle		FS1477	FS1477	FS1476

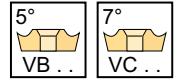
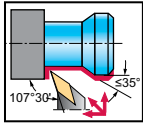
Turning tools – Screw clamping

C...-SVHB

Walter Turn



– Walter Capto™



Tool

Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type	
C3-SVHBL-22040-11		11	C3	22	40	55	114	0°	0°	VB .. 1103 ..
C3-SVHBR-22040-11		11	C3	22	40	55	114	0°	0°	
C4-SVHBL-27050-11		11	C4	27	50	55	140	0°	0°	
C4-SVHBR-27050-11		11	C4	27	50	55	140	0°	0°	
C4-SVHBL-27050-16		16	C4	27	50	95	140	0°	0°	VB .. 1604 ..
C4-SVHBR-27050-16		16	C4	27	50	95	140	0°	0°	
C5-SVHBL-35060-16		16	C5	35	60	95	165	0°	0°	VB .. 1604 ..
C5-SVHBR-35060-16		16	C5	35	60	95	165	0°	0°	
C6-SVHBL-45065-16		16	C6	45	65	95	190	0°	0°	VB .. 1604 ..
C6-SVHBR-45065-16		16	C6	45	65	95	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	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	Type	VB .. 1103 ..	VB .. 1604 ..
	Shim		AP330-VB1612

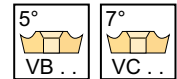
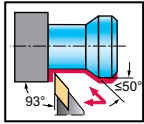
Turning tools – Screw clamping

C...-SVJB

Walter Turn



– Walter Capto™



Tool	Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type	
<p>Walter Capto™ in acc. with ISO 26623</p>	C3-SVJBL-22040-11	11	C3	22	40	55	116	0°	0°	VB .. 1103 ..	
	C3-SVJBR-22040-11	11	C3	22	40	55	116	0°	0°		
	C4-SVJBL-27050-11	11	C4	27	50	55	150	0°	0°		
	C4-SVJBR-27050-11	11	C4	27	50	55	150	0°	0°		
	C4-SVJBL-27050-16	16	C4	27	50	155	140	140	0°	0°	VB .. 1604 ..
	C4-SVJBR-27050-16	16	C4	27	50	155	140	140	0°	0°	
	C5-SVJBL-35060-16	16	C5	35	60	155	165	165	0°	0°	
	C5-SVJBR-35060-16	16	C5	35	60	155	165	165	0°	0°	
	C6-SVJBL-45065-16	16	C6	45	65	155	190	190	0°	0°	
	C6-SVJBR-45065-16	16	C6	45	65	155	190	190	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		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

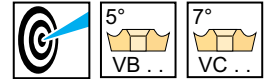
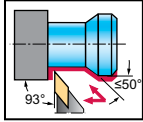
Turning tools – Rigid clamping

C...-DVJB...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool

Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
C4-DVJBR-27062-16-P	16	C4	27	62	2.200	250	-2°	-7°	VB .. 1604 ..
C5-DVJBR-35065-16-P	16	C5	35	65	2.400	300	-2°	-7°	
C6-DVJBR-45065-16-P	16	C6	45	65	2.500	350	-2°	-7°	
C8-DVJBR-55080-16-P	16	C8	55	65	2.800	400	-2°	-7°	
C4-DVJBL-27062-16-P	16	C4	27	62	2.200	250	-2°	-7°	VB .. 1604 ..
C5-DVJBL-35065-16-P	16	C5	35	65	2.400	300	-2°	-7°	
C6-DVJBL-45065-16-P	16	C6	45	65	2.500	350	-2°	-7°	
C8-DVJBL-55080-16-P	16	C8	55	65	2.800	400	-2°	-7°	

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: VB .. 160408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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

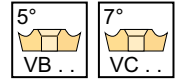
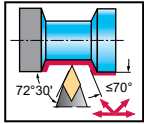
Turning tools – Screw clamping

C...-SVVB

Walter Turn



– Walter Capto™



Tool	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
 	C3-SVVBN-00040-11	11	C3	0	40		116	0°	0°	VB .. 1103 ..
	C4-SVVBN-00050-11	11	C4	0	50		140	0°	0°	VB .. 1604 ..
	C4-SVVBN-00050-16	16	C4	1	50		140	0°	0°	
	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		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

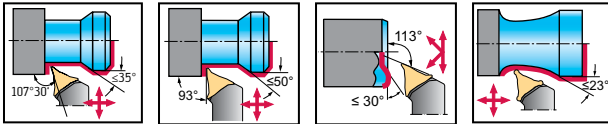
Turning tools – Copy turning system

W1011-C...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool	Designation		l_4 mm	D_{min2} mm	f mm	γ	λ_s	Type
	W1011-C4R-WL25-P	25	50	200	27	0°	0°	WL25..
	W1011-C5R-WL25-P	25	60	200	35	0°	0°	WL25..
	W1011-C6R-WL25-P	25	65	200	45	0°	0°	WL25..
	W1011-C4L-WL25-P	25	50	200	27	0°	0°	WL25..
	W1011-C5L-WL25-P	25	60	200	35	0°	0°	WL25..
	W1011-C6L-WL25-P	25	65	200	45	0°	0°	WL25..

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert:WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

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

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S			H	
				HC				HC				HC	HC			BC	
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S	WSM30S
WL25-VC0702L-FM4	0,2	5,5	3,4														
WL25-VC0704LTM-3	0,4	3	3														
WL25-VC0704L-FM4	0,4	6,2	3,9														
WL25-VC0704L-FP4	0,4	6,2	3,9	☺		☺	☺				☺						
WL25-VC0704L-MM4	0,4	6,2	3,9		☺		☺										
WL25-VC0704L-MP4	0,4	6,2	3,9			☺	☺										
WL25-VC0708LTM-3	0,8	3	3														
WL25-VC0708L-FM4	0,8	6,6	4,6														
WL25-VC0708L-FP4	0,8	6,6	4,6	☺		☺	☺				☺						
WL25-VC0708L-MM4	0,8	6,6	4,6		☺		☺										
WL25-VC0708L-MP4	0,8	6,6	4,6			☺	☺										
WL25-VC0702R-FM4	0,2	5,5	3,4														
WL25-VC0704RTM-3	0,4	3	3														
WL25-VC0704R-FM4	0,4	6,2	3,9														
WL25-VC0704R-FP4	0,4	6,2	3,9	☺		☺	☺				☺						
WL25-VC0704R-MM4	0,4	6,2	3,9		☺		☺										
WL25-VC0704R-MP4	0,4	6,2	3,9			☺	☺										
WL25-VC0708RTM-3	0,8	3	3														
WL25-VC0708R-FM4	0,8	6,6	4,6														
WL25-VC0708R-FP4	0,8	6,6	4,6	☺		☺	☺				☺						
WL25-VC0708R-MM4	0,8	6,6	4,6		☺		☺										
WL25-VC0708R-MP4	0,8	6,6	4,6			☺	☺										
WL25-VC0702N-FM4	0,2	6															
WL25-VC0704NTM-3	0,4	3															
WL25-VC0704N-FM4	0,4	6,3															
WL25-VC0704N-FP4	0,4	6,3		☺		☺	☺				☺						
WL25-VC0704N-MM4	0,4	6,3			☺		☺										
WL25-VC0704N-MP4	0,4	6,3				☺	☺										
WL25-VC0708NTM-3	0,8	3															
WL25-VC0708N-FM4	0,8	7,1															
WL25-VC0708N-FP4	0,8	7,1		☺		☺	☺				☺						
WL25-VC0708N-MM4	0,8	7,1			☺		☺										
WL25-VC0708N-MP4	0,8	7,1				☺	☺										
WL25-VC0712N-MM4	1,2	7,4															
WL25-VC0712N-MP4	1,2	7,4				☺	☺										
WL25-VC0716N-MM4	1,6	8,7															
WL25-VC0716N-MP4	1,6	8,7				☺	☺										
WL25-RC0420NTM-3	2	3,2															
WL25-RC0420N-MU6	2	7,2															
WL25-RC0525NTM-3	2,5	5															
WL25-RC0525N-MU6	2,5	6,9															

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☻ → Moderate = ☹

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

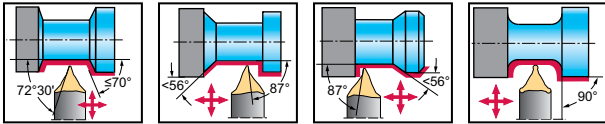
Turning tools – Copy turning system

W1010-C...-P

Walter Turn



- Precision cooling
- Walter Capto™



Tool	Designation		d ₁	f mm	l ₄ mm	D _{min2} mm	γ	λ _s	Type
	W1010-C4N-WL25-P	25	C4	0	50	200	0°	0°	WL25..
	W1010-C5N-WL25-P	25	C5	0	60	200	0°	0°	
	W1010-C6N-WL25-P	25	C6	0	65	200	0°	0°	

Walter Capto™ in acc. with ISO 26623

Measured with master insert:WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

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

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S			H	
				HC				HC				HC	HC			BC	
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S	WSM30S
	WL25-VC0702L-FM4	0,2	5,5	3,4													
	WL25-VC0704LTM-3	0,4	3	3													
	WL25-VC0704L-FM4	0,4	6,2	3,9													
	WL25-VC0704L-FP4	0,4	6,2	3,9	☺		☺	☺									
	WL25-VC0704L-MM4	0,4	6,2	3,9		☺	☺	☺									
	WL25-VC0704L-MP4	0,4	6,2	3,9			☺	☺									
	WL25-VC0708LTM-3	0,8	3	3													
	WL25-VC0708L-FM4	0,8	6,6	4,6													
	WL25-VC0708L-FP4	0,8	6,6	4,6	☺		☺	☺									
	WL25-VC0708L-MM4	0,8	6,6	4,6		☺	☺	☺									
	WL25-VC0708L-MP4	0,8	6,6	4,6			☺	☺									
	WL25-VC0702R-FM4	0,2	5,5	3,4													
	WL25-VC0704RTM-3	0,4	3	3													
	WL25-VC0704R-FM4	0,4	6,2	3,9													
	WL25-VC0704R-FP4	0,4	6,2	3,9	☺		☺	☺									
	WL25-VC0704R-MM4	0,4	6,2	3,9		☺	☺	☺									
	WL25-VC0704R-MP4	0,4	6,2	3,9			☺	☺									
	WL25-VC0708RTM-3	0,8	3	3													
	WL25-VC0708R-FM4	0,8	6,6	4,6													
	WL25-VC0708R-FP4	0,8	6,6	4,6	☺		☺	☺									
	WL25-VC0708R-MM4	0,8	6,6	4,6		☺	☺	☺									
	WL25-VC0708R-MP4	0,8	6,6	4,6			☺	☺									
	WL25-VC0702N-FM4	0,2	6														
	WL25-VC0704NTM-3	0,4	3														
	WL25-VC0704N-FM4	0,4	6,3														
	WL25-VC0704N-FP4	0,4	6,3		☺		☺	☺									
	WL25-VC0704N-MM4	0,4	6,3			☺	☺	☺									
	WL25-VC0704N-MP4	0,4	6,3				☺	☺									
	WL25-VC0708NTM-3	0,8	3														
	WL25-VC0708N-FM4	0,8	7,1														
	WL25-VC0708N-FP4	0,8	7,1		☺		☺	☺									
	WL25-VC0708N-MM4	0,8	7,1			☺	☺	☺									
	WL25-VC0708N-MP4	0,8	7,1				☺	☺									
	WL25-VC0712N-MM4	1,2	7,4														
	WL25-VC0712N-MP4	1,2	7,4				☺	☺									
	WL25-VC0716N-MM4	1,6	8,7														
	WL25-VC0716N-MP4	1,6	8,7				☺	☺									
	WL25-RC0420NTM-3	2	3,2														
	WL25-RC0420N-MU6	2	7,2				☺	☺									
	WL25-RC0525NTM-3	2,5	5														
	WL25-RC0525N-MU6	2,5	6,9				☺	☺									

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

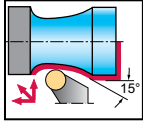
Turning tools - Rigid clamping

C...-CRSN...-P

Walter Turn



- Precision cooling
- For ceramic indexable inserts



Tool

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C6-CRSNR-45065-12-P		12	45	65	600	700	-6°	-6°	RNGN1207 ..
C6-CRSNL-45065-12-P		12	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	d ₁	RNGN1207 .. 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

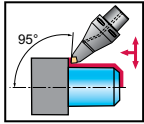
45° turning tools – Rigid clamping

C...-DCMN

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-DCMNN-00105-12		12	0	105		110	-6°	-6°	CN .. 1204 ..
		C6-DCMNN-00090-12		12	0	90		110	-6°	-6°	
		C6-DCMNN-00115-12		12	0	115		110	-6°	-6°	
		C6-DCMNN-00090-16		16	1	90		110	-6°	-6°	CN .. 1606 ..
		C8-DCMNN-00150-16		16	1	150		115	-6°	-6°	

Walter Capto™ in acc. with ISO 26623

Measured with master insert: CN .. 120408 / CN .. 160612 | Refer to the Walter online 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 .. C5	CN .. 1204 .. C6	CN .. 1606 .. C6-C8
	Shim		AP301-CN12	AP301-CN12	AP302-CN16
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK241	PK242
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring		FS1470	FS1470	FS1471
	Pin		RS117	RS117	RS117
	Cooling nozzle		FS1476	FS1479	FS1479
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key				FS1464 (T20IP)

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

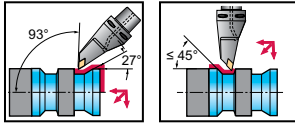
45° turning tools – Rigid clamping

C...-DDMN

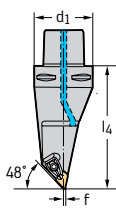
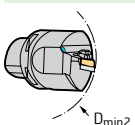
Walter Turn




- Walter Capto™
- Toolholders for turning and milling centres



Tool





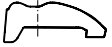
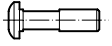



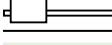
Designation

Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
C5-DDMNL-00115-15	15	C5	1	115		110	-5°	-6°	DN .. 1506 ..
C6-DDMNL-00130-15	15	C6	1	130		110	-5°	-6°	
C6-DDMNL-33120-15	15	C6	33	120		130	-5°	-6°	
C8-DDMNL-00160-15	15	C8	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 d_1	DN .. 1506 .. C5	DN .. 1506 .. C6–C8
	Shim	AP304-DN15	AP304-DN15
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm
	Clamp	PK241	PK241
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1470	FS1470
	Pin	RS117	RS117
	Cooling nozzle	FS1476	FS1479
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)

Accessories

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

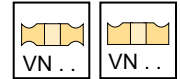
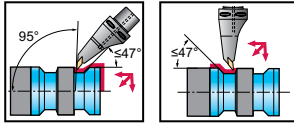
45° turning tools – Rigid clamping

C...-DVMN

Walter Turn



- Walter Capto™
- Toolholders for turning and milling centres



Tool	Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
	C8-DVMNL-00160-16	16	C8	1	160		110	-4°	-14°	VN .. 1604 ..

Walter Capto™ in acc. with ISO 26623

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

Assembly parts		Type	VN .. 1604 ..
	Shim	d_1	C8
	Screw for shim Tightening torque		AP312-VN16 FS1467 (T15IP) 3 Nm
	Clamp		PK244
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm
	Pressure spring		FS1470
	Pin		RS117
	Cooling nozzle		FS1479
	Torx key		FS1465 (T15IP)
Accessories		Type	VN .. 1604 ..
	(standard assembly parts) Clamp set		PK244-SET

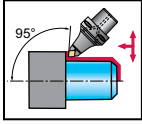
45° turning tools – Screw clamping

C...-SCMC

Walter Turn

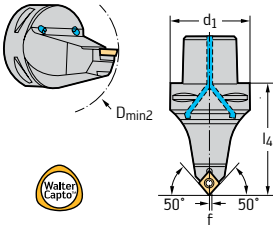


- Walter Capto™
- Toolholders for turning and milling centres



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	Type d_1	CC .. 1204 .. 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)

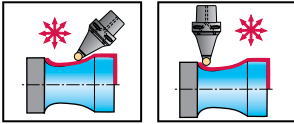
45° turning tools – Screw clamping

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 .. 10T3M0 / 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		RC . T10T3M0 .. C6	RC . T1606M0 .. C6
	Type d ₁ Clamping screw for indexable insert Tightening torque	FS2063 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm
	Shim	AP324-RC10T3	AP326-RC1606
	Screw for shim	FS2068 (SW 3,5)	FS2091 (SW 5)
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)

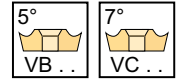
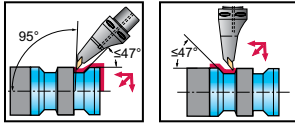
45° turning tools – Screw clamping

C...-SVMB

Walter Turn

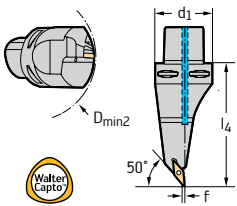


- Walter Capto™
- Toolholders for turning and milling centres



Tool

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

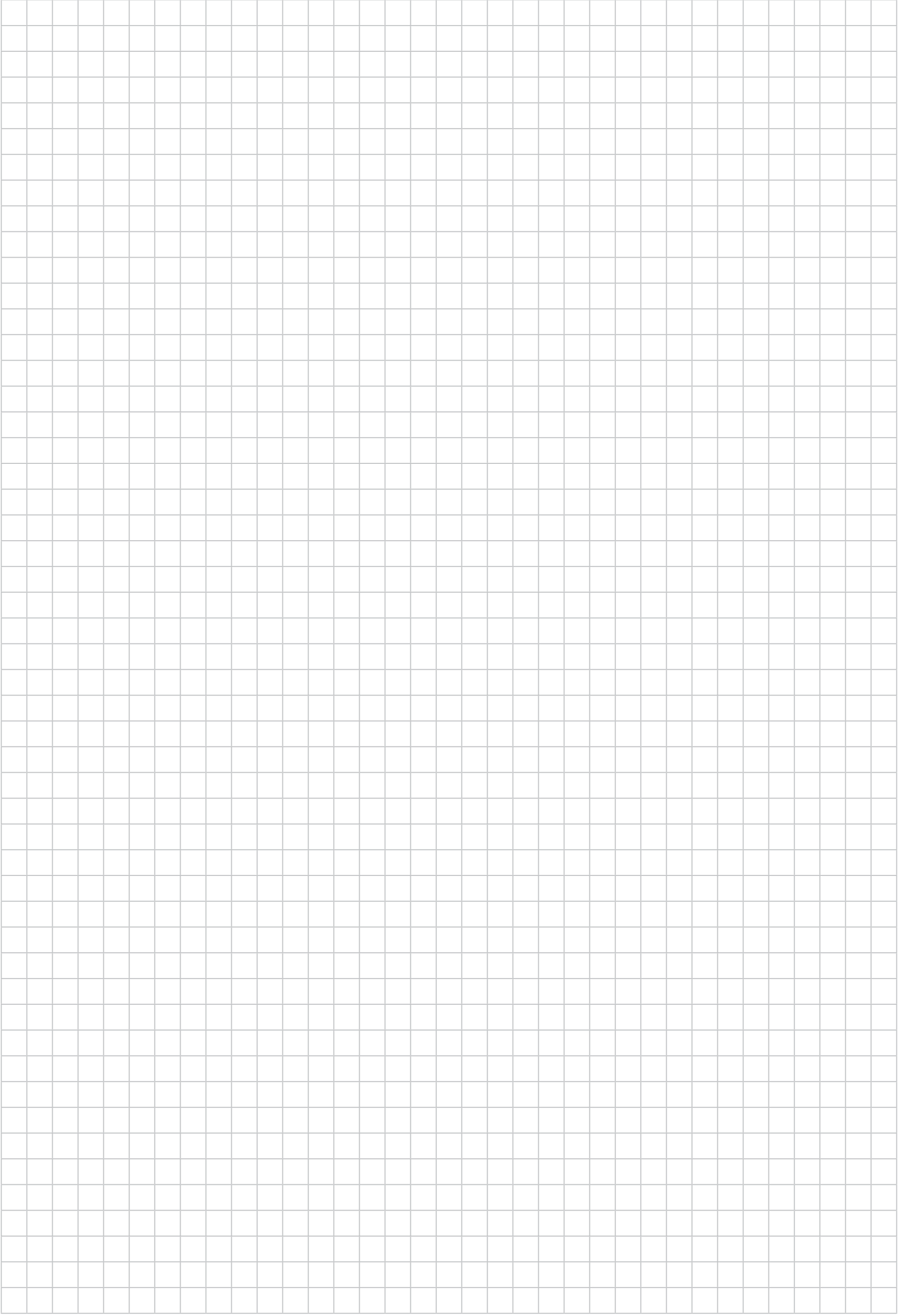
Measured with master insert: VB .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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	axial	axial	axial	axial
Boring bar $\emptyset d_1$ [mm]	25–50	16–40	25–50	25–40
Boring bar $\emptyset d_1$ [inch]	0,750–2,000		0,750–2,000	
Insert size l [mm]	9–16	9–16	11–15	11–15
Page in catalogue	A 281	A 283	A 284	A 287

QR code				
	www.walter-tools.com/woc/A-DCLN	www.walter-tools.com/woc/A-PCLN	www.walter-tools.com/woc/A-DDUN	www.walter-tools.com/woc/A-PDUN


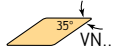

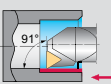
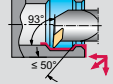
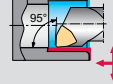
Type			
Machining			



Designation	A...-DDXN	A...-DSKN	A...-PSKN	A...-DTFN
Approach angle	62,5°	75°	75°	91°
Clamping system	Claw	Claw	Lever-type	Claw
Coolant supply	axial	axial	axial	axial
Boring bar $\emptyset d_1$ [mm]	32–40	25–40	25–32	25–50
Boring bar $\emptyset d_1$ [inch]				0,750–2,000
Insert size l [mm]	11–15	12–15	12	16–22
Page in catalogue	A 286	A 288	A 289	A 290

QR code				
	www.walter-tools.com/woc/A-DDXN	www.walter-tools.com/woc/A-DSKN	www.walter-tools.com/woc/A-PSKN	www.walter-tools.com/woc/A-DTFN

Boring bars – Negative basic shape

Type			
Machining			



Designation	A...-PTFN	A...-DVUN	A...-DWLN	A...-PWLN
Approach angle	91°	93°	95°	95°
Clamping system	Lever-type	Claw	Claw	Lever-type
Coolant supply	axial	axial	axial	axial
Boring bar $\emptyset d_1$ [mm]	16–32	40	25–50	20–32
Boring bar $\emptyset d_1$ [inch]		1,250–1,500	1,000–2,000	
Insert size l [mm]	11–16	16	6–10	6–8
Page in catalogue	A 292	A 293	A 295	A 297

QR code


www.walter-tools.com/woc/

A-PTFN

A-DVUN

A-DWLN

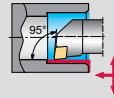
A-PWLN

Boring bars – Positive basic shape

Type



Machining



Designation	A...-SCLC	A...-SCLC...-R	E...-SCLC	E...-SCLC...-R
Approach angle	95°	95°	95°	95°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar $\varnothing d_1$ [mm]	8–32	8–20		8–25
Boring bar $\varnothing d_1$ [inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–12	6–9	6–9	6–9
Page in catalogue	A 298	A 298	A 298	A 300

QR code


www.walter-tools.com/woc/

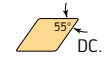
A-SCLC

A-SCLC-R

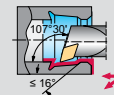
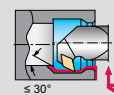
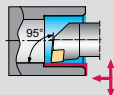
E-SCLC

E-SCLC-R

Type



Machining



Designation	A...-SCLP	E...-SCLP	A...-SDUC...-X	A...-SDQC
Approach angle	95°	95°	123°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar $\varnothing d_1$ [mm]			16–32	12–25
Boring bar $\varnothing d_1$ [inch]	0,312–1,000	0,375–0,500	1,000–1,250	
Insert size l [mm]	6–9	6	7–11	7–11
Page in catalogue	A 303	A 303	A 310	A 305

QR code


www.walter-tools.com/woc/

A-SCLP-E-SCLP

E-SCLP

A-SDUC-X

A-SDQC

Boring bars – Positive basic shape

Type				
Machining				



Designation	A...-SDQC...-R	A...-SDUC...-R	A...-SDJC	A...-SDUC
Approach angle	107,5°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	12–20	10–20	16–25	
Boring bar Ø d ₁ [inch]				0,375–1,000
Insert size l [mm]	7–11	7–11	7–11	7–11
Page in catalogue	A 305	A 307	A 314	A 307

QR code



A-SDUC-R



A-SDJC

www.walter-tools.com/woc/

Type				
Machining				



Designation	E...-SDUC	E...-SDUC...-R	A...-SDJC	A...-SDXC...
Approach angle	93°	93°	93°	62,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]		10–25	10–32	12–25
Boring bar Ø d ₁ [inch]	0,375–1,000			
Insert size l [mm]	7–11	7–11	7–11	7–11
Page in catalogue	A 307	A 307	A 307	A 315

QR code



E-SDUC



E-SDUC-R



A-SDXC

www.walter-tools.com/woc/

Boring bars – Positive basic shape

Type				
Machining				
Designation	A...-SSKC	A...-STFC	A...-STFC...-R	E...-STFC
Approach angle	75°	91°	91°	91°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	16–25	6–32	6–16	
Boring bar Ø d ₁ [inch]		0,375–1,250		0,375–1,000
Insert size l [mm]	9–12	6–16	6–11	9–16
Page in catalogue	A 316	A 317	A 317	A 317
QR code				
www.walter-tools.com/woc/	A-SSKC	A-STFC	A-STFC-R	E-STFC

Type				
Machining				
Designation	E...-STFC...-R	A...-SVQB	A...-SVQB...-R	A...-SVJB
Approach angle	91°	107,5°	107,5°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	6–25	16–40	16–20	16–20
Boring bar Ø d ₁ [inch]				
Insert size l [mm]	6–16	11–16	11	11
Page in catalogue	A 317	A 322	A 322	A 324
QR code				
www.walter-tools.com/woc/	E-STFC-R	A-SVQB	A-SVQB...-R	A-SVJB

Boring bars – Positive basic shape

Type		
Machining		



Designation	A...-SVUB	A...-SVUB...-R	A...-SWLC...-R	E...-SWLC
Approach angle	93°	93°	95°	95°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	16–40	16–20	10–20	
Boring bar Ø d ₁ [inch]	0,625–1,500			0,375–0,500
Insert size l [mm]	11–16	11	4–6	4
Page in catalogue	A 325	A 325	A 328	A 331

QR code



www.walter-tools.com/woc/A-SVUB



www.walter-tools.com/woc/E-SWLC

Type	
Machining	



Designation	A...-SWLC
Approach angle	95°
Clamping system	Screw
Coolant supply	axial
Boring bar Ø d ₁ [mm]	10–32
Boring bar Ø d ₁ [inch]	0,375–1,000
Insert size l [mm]	4–8
Page in catalogue	A 328

QR code



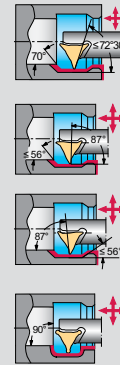
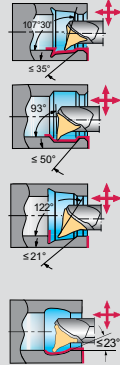
www.walter-tools.com/woc/A-SWLC

Boring bars – WL Copy turning system

Type



Machining



Designation	W1211	W1210
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	axial	axial
Boring bar Ø d ₁ [mm]	12–40	12–40
Boring bar Ø d ₁ [inch]	1,000–1,250	
Insert size l [mm]	17–25	17–25
Page in catalogue	A 332	A 338

QR code


www.walter-tools.com/woc/

W1211

W1210

Boring bar adaptor

Type

Machining



Designation	A2140-W
Approach angle	
Clamping system	null _x_
Coolant supply	axial
Shank size h [mm]	14,2–38,5
Shank size h [Inch]	
Insert size l [mm]	
Page in catalogue	A 342

QR code



www.walter-tools.com/woc/

A2140-W

Walter Capto™ boring bars – Negative basic shape

Type		
Machining		



Designation	C...-DCLN	C...-PCLN	C...-DDUN	C...-PDUN
Approach angle	95°	95°	93°	93°
Clamping system	Claw	Lever-type	Claw	Lever-type
Coolant supply	Internal	axial	Internal	axial
Walter Capto™ size	C4–C6	C3–C6	C4–C6	C3–C6
Boring bar 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	A 343	A 345	A 347	A 348

QR code				
	www.walter-tools.com/woc/C-DCLN	www.walter-tools.com/woc/C-PCLN	www.walter-tools.com/woc/C-DDUN	www.walter-tools.com/woc/C-PDUN

Type			
Machining			



Designation	C...-PSKN	C...-PTFN	C...-DWLN	C...-PWLN
Approach angle	75°	91°	95°	95°
Clamping system	Lever-type	Lever-type	Claw	Lever-type
Coolant supply	axial	axial	Internal	Internal
Walter Capto™ size	C5–C6	C4–C6	C4–C6	C3–C6
Boring bar Ø d ₂ [mm]	40–50	25–50	20–40	20–50
Insert size l [mm]	12–15	16–22	6–10	6–8
Page in catalogue	A 350	A 351	A 352	A 353

QR code				
	www.walter-tools.com/woc/C-PSKN	www.walter-tools.com/woc/C-PTFN	www.walter-tools.com/woc/C-DWLN	www.walter-tools.com/woc/C-PWLN

Walter Capto™ boring bars – Positive basic shape

Type				
Machining				



Designation	C...-SCLC	C...-SDUC	C...-STFC	C...-SVQB
Approach angle	95°	93°	91°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Walter Capto™ size	C3–C5	C3–C5	C4–C5	C3–C6
Boring bar Ø d ₂ [mm]	16–50	16–40	16–32	16–50
Insert size l [mm]	9–12	7–11	11–16	11–16
Page in catalogue	A 354	A 355	A 356	A 357

QR code				
www.walter-tools.com/woc/	C-SCLC	C-SDUC	C-STFC	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	M_CCS03 _x_	M_CCS03 _x_
Tool-side	Q25 - Q50	QL60 - QL100	Q25 - Q50	QL60 - QL80
Page in catalogue	A 359	A 361	A 363	A 364
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	A 365	A 366
QR code		
www.walter-tools.com/woc/	A3000-HSK-T	A3001-HSK-T

Intermediate adaptors – QuadFit Large

Type

Machining






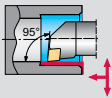
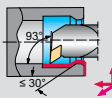
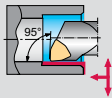






Designation	A2201
Approach angle	
Clamping system	null_x_
Coolant supply	axial
Shank size h [mm]	QL100–QL80
Shank size h [Inch]	QL64–QL76
Insert size l [mm]	
Page in catalogue	A 369

QR code


www.walter-tools.com/woc/

A2201

QuadFit exchangeable head – Negative basic shape

Type			
Machining			
			
Designation	Q...-DCLN	Q...-DDUN	Q...-DWLN
Approach angle	95°	93°	95°
Clamping system	Claw	Claw	Claw
Coolant supply	axial	axial	axial
QuadFit size	Q32–Q50	Q32–Q50	Q32–Q50
Insert size l [mm]	12–16	11–15	6–8
Page in catalogue	A 371	A 372	A 373
QR code			
www.walter-tools.com/woc/	Q-DCLN	Q-DDUN	Q-DWLN

QuadFit exchangeable head – Positive basic shape

Type				
Machining				
Designation	Q...-SCLC	Q...-SDUC	Q...-SDXC	Q...-SDUC...-X
Approach angle	95°	93°	62,5°	32°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
QuadFit size	Q25–Q50	Q25–Q50	Q25–Q50	Q25–Q50
Insert size l [mm]	9–12	11	11	11
Page in catalogue	A 374	A 375	A 377	A 375
QR code				
	www.walter-tools.com/woc/ Q-SCLC	www.walter-tools.com/woc/ Q-SDUC	www.walter-tools.com/woc/ Q-SDXC	www.walter-tools.com/woc/ Q-SDUC-X

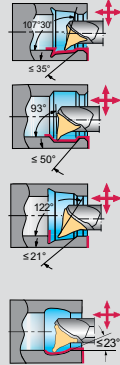
Type		
Machining		
Designation	Q...-STFC	Q...-SVUB
Approach angle	91°	93°
Clamping system	Screw	Screw
Coolant supply	axial	axial
QuadFit size	Q25–Q50	Q25–Q50
Insert size l [mm]	11–16	11–16
Page in catalogue	A 378	A 379
QR code		
	www.walter-tools.com/woc/ Q-STFC	www.walter-tools.com/woc/ Q-SVUB

QuadFit exchangeable head – WL copy turning system

Type



Machining



Designation	W1211-Q...
Approach angle	107,5°
Clamping system	Screw
Coolant supply	Precision cooling
Shank size h [mm]	Q32–Q50
Shank size h [Inch]	
Insert size l [mm]	25
Page in catalogue	A 380

QR code


www.walter-tools.com/woc/

W1211-Q

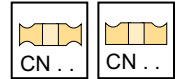
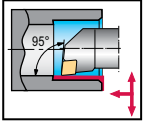
Boring bar – Rigid clamping


A...-DCLN

Walter Turn



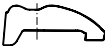



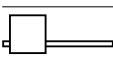






– A = Steel version with internal cooling



Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type	
 <p>Parallel shank with clamping surface</p>	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°	
	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	

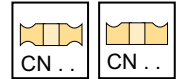
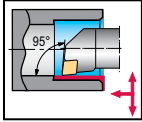
Boring bar – Rigid clamping

A...-DCLN inch

Walter Turn

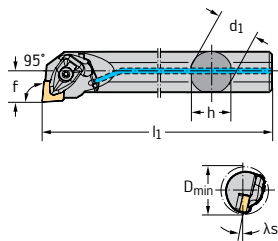


– A = Steel version with internal cooling



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A12S-DCLNR3		9	1,000	0,750	0,64	0,709	10,000	0°	CN .. 0903 ..
A16T-DCLNR4		12	1,280	1,000	0,640	0,906	12,000	-6°	CN .. 1204 ..
A20T-DCLNR4		12	1,469	1,250	0,765	1,181	12,000	-6°	
A24T-DCLNR4		12	1,760	1,500	0,890	1,374	12,000	-6°	
A24T-DCLNR5		16	1,760	1,500	0,890	1,374	12,000	-6°	CN .. 1606 ..
A32U-DCLNR5		16	2,402	2,000	1,281	1,874	14,000	-6°	
A12S-DCLNL3		9	1,000	0,750	0,64	0,709	10,000	0°	CN .. 0903 ..
A16T-DCLNL4		12	1,280	1,000	0,640	0,906	12,000	-6°	CN .. 1204 ..
A20T-DCLNL4		12	1,469	1,250	0,765	1,181	12,000	-6°	
A24T-DCLNL4		12	1,760	1,500	0,890	1,374	12,000	-6°	
A24T-DCLNL5		16	1,760	1,500	0,890	1,374	12,000	-6°	CN .. 1606 ..
A32U-DCLNL5		16	2,402	2,000	1,281	1,874	14,000	-6°	



Parallel shank with clamping surface

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	

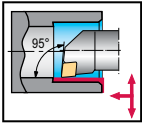
Boring bar – Lever clamping

A...-PCLN

Walter Turn



– A = Steel version with internal cooling

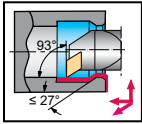


Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type		
<p>Parallel shank with clamping surface</p>	A16R-PCLNL09		9	20	16	11	15	200	-6°	-13°	CN .. 0903 ..	
	A16R-PCLNR09		9	20	16	11	15	200	-6°	-13°		
	A20S-PCLNL09		9	25	20	13	18	250	-6°	-11°		
	A20S-PCLNR09		9	25	20	13	18	250	-6°	-11°		
	A25T-PCLNL09		9	32	25	17	23	300	-6°	-10°		
	A25T-PCLNR09		9	32	25	17	23	300	-6°	-10°		
		A25T-PCLNL12		12	32	25	17	23	300	-6°	-10°	CN .. 1204 ..
	A25T-PCLNR12		12	32	25	17	23	300	-6°	-10°		
	A32T-PCLNL12		12	40	32	22	30	300	-6°	-11°		
		A32T-PCLNR12		12	40	32	22	30	300	-6°	-11°	CN .. 1606 ..
	A40T-PCLNL12		12	50	40	27	37	300	-6°	-10°		
	A40T-PCLNR12		12	50	40	27	37	300	-6°	-10°		
A32T-PCLNL16		16	55	32	22	30	300	-6°	-10°			
A32T-PCLNR16		16	55	32	22	30	300	-6°	-10°			
A40T-PCLNL16		16	58	40	27	37	300	-6°	-10°			
	A40T-PCLNR16		16	58	40	27	37	300	-6°	-10°		

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	CN .. 0903 ..	CN .. 1204 ..	CN .. 1204 ..	CN .. 1204 ..	CN .. 1606 ..
		D _{min} [mm]	20–32	32	40	50	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



Tool

 Parallel shank with clamping surface	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type	
										DN .. 1104 ..	
	A25T-DDUNL11		11	32	25	17	23	300	-6°	-12°	DN .. 1104 ..
	A25T-DDUNR11		11	32	25	17	23	300	-6°	-12°	DN .. 1104 ..
	A32T-DDUNL11		11	40	32	22	30	300	-6°	-10°	DN .. 1104 ..
	A32T-DDUNR11		11	40	32	22	30	300	-6°	-10°	DN .. 1104 ..
	A32T-DDUNL15		15	40	32	22	30	300	-6°	-14°	DN .. 1506 ..
	A32T-DDUNR15		15	40	32	22	30	300	-6°	-14°	DN .. 1506 ..
	A40T-DDUNL15		15	50	40	27	37	300	-6°	-11°	DN .. 1506 ..
	A40T-DDUNR15		15	50	40	27	37	300	-6°	-11°	DN .. 1506 ..
	A50U-DDUNL15		15	63	50	35	47	350	-6°	-8°	DN .. 1506 ..
	A50U-DDUNR15		15	63	50	35	47	350	-6°	-8°	DN .. 1506 ..

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 .. 32–40	DN .. 1506 .. 40–63
	Shim	AP305-DN11	AP304-DN15
	Screw for shim Tightening torque	FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm
	Clamp	PK240	PK241
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,7 Nm	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

Accessories

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

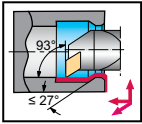
Boring bar – Rigid clamping

A...-DDUN inch

Walter Turn



– A = Steel version with internal cooling



Tool

	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
										DN .. 1104 ..
Parallel shank with clamping surface	A12S-DDUNL3	11	1,250	0,750	0,625	0,709	10,000	-6°		DN .. 1104 ..
	A12S-DDUNR3	11	1,250	0,750	0,625	0,709	10,000	-6°		DN .. 1104 ..
	A16T-DDUNL3	11	1,299	1,000	0,750	0,906	12,000	-6°	-12°	DN .. 1506 ..
	A16T-DDUNR3	11	1,299	1,000	0,750	0,906	12,000	-6°	-12°	DN .. 1506 ..
	A16T-DDUNL4	15	1,500	1,000	0,750	0,906	12,000	-6°	-15°	DN .. 1506 ..
	A16T-DDUNR4	15	1,500	1,000	0,750	0,906	12,000	-6°	-15°	DN .. 1506 ..
	A20T-DDUNL4	15	1,705	1,250	1,000	1,181	12,000	-6°	-13°	DN .. 1506 ..
	A20T-DDUNR4	15	1,705	1,250	1,000	1,181	12,000	-6°	-13°	DN .. 1506 ..
	A24T-DDUNL4	15	2,000	1,500	1,125	1,374	12,000	-6°	-11°	DN .. 1506 ..
	A24T-DDUNR4	15	2,000	1,500	1,125	1,374	12,000	-6°	-11°	DN .. 1506 ..
	A32U-DDUNL4	15	2,677	2,000	1,500	1,874	14,000	-6°		DN .. 1506 ..
	A32U-DDUNR4	15	2,677	2,000	1,500	1,874	14,000	-6°	-8°	DN .. 1506 ..

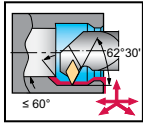
Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type D _{min} [inch]	DN .. 1104 ..	DN .. 1506 ..
		1,25–1,299	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



Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_{20} mm	γ	λ_s	Type
	A32T-DDXNL11		11	40	22	30	300	306,1	-6°	-10°	DN .. 1104 ..
	A32T-DDXNR11		11	40	22	30	300	306,1	-6°	-10°	DN .. 1104 ..
	A40T-DDXNL15		15	50	27	37	300	308,5	-6°	-11°	DN .. 1506 ..
	A40T-DDXNR15		15	50	27	37	300	308,5	-6°	-11°	DN .. 1506 ..

Parallel shank with clamping surface

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

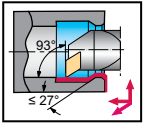
Boring bar – Lever clamping

A...-PDUN

Walter Turn



– A = Steel version with internal cooling



Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
<p>Parallel shank with clamping surface</p>	A25T-PDUNL11	11	32	25	17	23	300	-6°	-11°	DN .. 1104 ..
	A25T-PDUNR11	11	32	25	17	23	300	-6°	-11°	
	A32T-PDUNL11	11	40	32	22	30	300	-6°	-10°	
	A32T-PDUNR11	11	40	32	22	30	300	-6°	-10°	
	A40T-PDUNL11	11	50	40	27	37	300	-6°	-11°	
	A40T-PDUNR11	11	50	40	27	37	300	-6°	-11°	
	A32T-PDUNL15	15	40	32	22	30	300	-6°	-12°	DN .. 1506 ..
	A32T-PDUNR15	15	40	32	22	30	300	-6°	-12°	
	A40T-PDUNL15	15	50	40	27	37	300	-6°	-11°	
	A40T-PDUNR15	15	50	40	27	37	300	-6°	-11°	

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

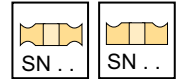
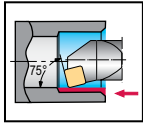
Boring bar – Rigid clamping

A...-DSKN

Walter Turn



– A = Steel version with internal cooling



Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A25T-DSKNL12		12	32	25	17	23	-6°	-11°	SN .. 1204 ..
A25T-DSKNR12		12	32	25	17	23	-6°	-11°	
A32T-DSKNL12		12	40	32	22	30	-6°	-9°	
A32T-DSKNR12		12	40	32	22	30	-6°	-9°	
A40T-DSKNL12		12	50	40	27	37	-6°	-13°	SN .. 1506 ..
A40T-DSKNR12		12	50	40	27	37	-6°	-13°	
A40T-DSKNL15		15	50	40	27	37	-6°	-14°	
A40T-DSKNR15		15	50	40	27	37	-6°	-14°	

Parallel shank with clamping surface

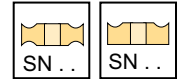
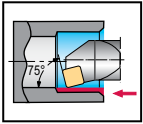
Measured with master insert: SN .. 120408 / SN .. 150612 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	Type	SN .. 1204 .. 32–40	SN .. 1204 .. 50	SN .. 1506 .. 50
	Shim	AP355-SN12	AP308-SN12	AP309-SN15
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK241	PK242
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1470	FS1471
	Pin	RS117	RS117	RS117
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key			FS1464 (T20IP)

Accessories

Type	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	



Tool

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

Parallel shank with clamping surface

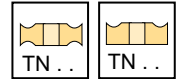
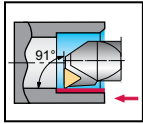
Measured with master insert: SN .. 120408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type	
<p>Parallel shank with clamping surface</p>	A25T-DTFNL16		16	32	25	17	23	300	-6°	-12°	TN .. 1604 ..
	A25T-DTFNR16		16	32	25	17	23	300	-6°	-12°	
	A32T-DTFNL16		16	40	32	22	30	300	-6°	-10°	
	A32T-DTFNR16		16	40	32	22	30	300	-6°	-10°	
	A40T-DTFNL16		16	50	40	27	37	300	-6°	-8°	TN .. 2204 ..
	A40T-DTFNR16		16	50	40	27	37	300	-6°	-8°	
	A40T-DTFNL22		22	50	40	27	37	300	-6°	-13°	
	A40T-DTFNR22		22	50	40	27	37	300	-6°	-13°	
	A50U-DTFNL22		22	63	50	35	47	350	-6°	-10°	
	A50U-DTFNR22		22	63	50	35	47	350	-6°	-10°	

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_{min} [mm]	TN .. 1604 .. 32–50	TN .. 2204 .. 50–63
	Shim	AP356-TN16	AP322-TN22
	Screw for shim Tightening torque	FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm
	Clamp	PK240	PK241
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,7 Nm	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

Accessories

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

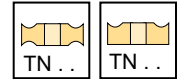
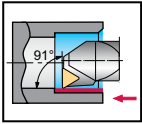
Boring bar – Rigid clamping

A...-DTFN inch

Walter Turn



– A = Steel version with internal cooling

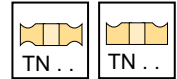
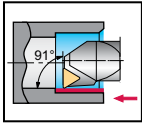


Tool	Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
	A12S-DTFNL3	16	1,024	0,750	0,500	0,709	10,000	-6°	-14°	TN .. 1604 ..
	A12S-DTFNR3	16	1,024	0,750	0,500	0,709	10,000	-6°	-14°	
	A16T-DTFNL3	16	1,201	1,000	0,640	0,906	12,000	-6°	-12°	
	A16T-DTFNR3	16	1,201	1,000	0,640	0,906	12,000	-6°	-12°	
	A20T-DTFNL3	16	1,469	1,250	0,765	1,181	12,000	-6°	-11°	
	A20T-DTFNR3	16	1,469	1,250	0,765	1,181	12,000	-6°	-11°	
Parallel shank with clamping surface	A24T-DTFNL4	22	1,760	1,500	0,890	1,374	12,000	-6°	-15°	TN .. 2204 ..
	A24T-DTFNR4	22	1,760	1,500	0,890	1,374	12,000	-6°	-15°	
	A32U-DTFNL4	22	2,402	2,000	1,281	1,874	14,000	-6°		
	A32U-DTFNR4	22	2,402	2,000	1,281	1,874	14,000	-6°		

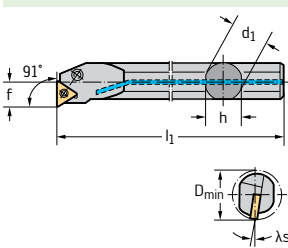
Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts	Type D_{min} [inch]	TN .. 1604 .. 1,024–1,469	TN .. 2204 .. 1,76–2,402
	Shim	AP356-TN16	AP322-TN22
	Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs
	Clamp	PK240	PK241
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,254 lbs	FS1473 (T15IP) 2,876 lbs
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

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



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-PTFNL11	20	16	11	15	200	-6°	-14°	TN .. 1103 ..
A16R-PTFNR11	20	16	11	15	200	-6°	-14°	
A20S-PTFNL11	25	20	13	18	250	-6°	-12°	TN .. 1604 ..
A20S-PTFNR11	25	20	13	18	250	-6°	-12°	
A25T-PTFNL16	32	25	17	23	300	-6°	-13°	
A25T-PTFNR16	32	25	17	23	300	-6°	-13°	
A32T-PTFNL16	50	32	22	30	300	-6°	-12°	
A32T-PTFNR16	50	32	22	30	300	-6°	-12°	

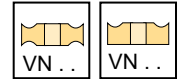
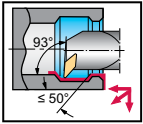
Measured with master insert: TN .. 110304 / TN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

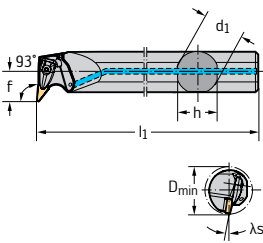
Accessories

Type	TN .. 1103 ..	TN .. 1604 ..
Shim		AP137-TN1608



Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A40T-DVUNL16		16	50	27	37	300	-6°	-9°	VN .. 1604 ..
A40T-DVUNR16		16	50	27	37	300	-6°	-9°	



Parallel shank with clamping surface

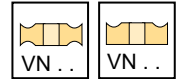
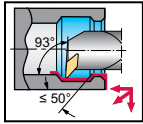
Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

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

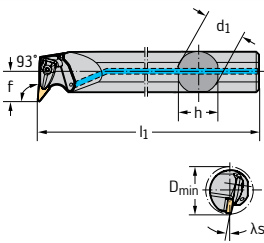
Accessories

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



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A20T-DVUNL3		16	1,705	1,250	1,000	1,181	-6°	-9°	VN .. 1604 ..
A20T-DVUNR3		16	1,705	1,250	1,000	1,181	-6°	-9°	
A24T-DVUNL3		16	2,000	1,500	1,125	1,374	-6°	-8°	
A24T-DVUNR3		16	2,000	1,500	1,125	1,374	-6°	-8°	



Parallel shank with clamping surface

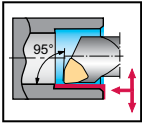
Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



Tool

	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
Parallel shank with clamping surface	A25T-DWLN06		32	25	17	23	300	-6°	-14°	WN .. 0604 ..
	A25T-DWLN06		32	25	17	23	300	-6°	-14°	
	A32T-DWLN06		40	32	22	30	300	-6°	-11°	
	A32T-DWLN06		40	32	22	30	300	-6°	-11°	
	A25T-DWLN08		32	25	17	23	300	-6°	-12°	WN .. 0804 ..
	A25T-DWLN08		32	25	17	23	300	-6°	-12°	
	A32T-DWLN08		40	32	22	30	300	-6°	-10°	
	A32T-DWLN08		40	32	22	30	300	-6°	-10°	
	A40T-DWLN08		50	40	27	37	300	-6°	-13°	
	A40T-DWLN08		50	40	27	37	300	-6°	-13°	
	A50U-DWLN08		63	50	35	47	350	-6°	-11°	
	A50U-DWLN08		63	50	35	47	350	-6°	-11°	
	A40T-DWLN10		50	40	27	37	300	-6°	-16°	WN .. 1006 ..
	A40T-DWLN10		50	40	27	37	300	-6°	-16°	

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	

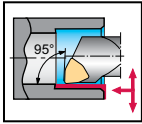
Boring bar – Rigid clamping

A...-DWLN inch

Walter Turn



– A = Steel version with internal cooling



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A16T-DWLN3		6	1,299	1,000	0,750	0,906	-6°	-14°	WN .. 0604 ..
A16T-DWLN3		6	1,299	1,000	0,750	0,906	-6°	-14°	
A20T-DWLN3		6	1,705	1,250	1,000	1,181	-6°	-10°	
A20T-DWLN3		6	1,705	1,250	1,000	1,181	-6°	-10°	
A16T-DWLN4		8	1,299	1,000	0,750	0,906	-6°	-12°	WN .. 0804 ..
A16T-DWLN4		8	1,299	1,000	0,750	0,906	-6°	-12°	
A20T-DWLN4		8	1,705	1,250	1,000	1,181	-6°	-15°	
A20T-DWLN4		8	1,705	1,250	1,000	1,181	-6°	-15°	
A24T-DWLN4		8	2,000	1,500	1,000	1,374	-6°	-13°	
A24T-DWLN4		8	2,000	1,500	1,000	1,374	-6°	-13°	
A32U-DWLN4		8	2,500	2,000	1,325	1,874	-6°	-11°	
A32U-DWLN4		8	2,500	2,000	1,325	1,874	-6°	-11°	

Parallel shank with clamping surface

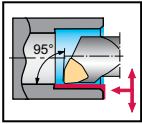
Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

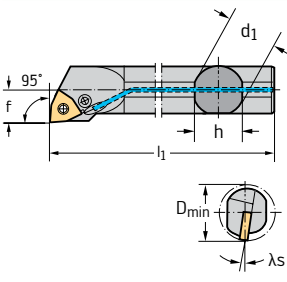
Accessories

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



Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A20S-PWLN06		6	25	13	18	250	-6°	-15°	WN .. 0604 ..
A20S-PWLN06		6	25	13	18	250	-6°	-15°	
A25T-PWLN06		6	32	17	23	300	-6°	-12°	
A25T-PWLN06		6	32	17	23	300	-6°	-12°	
A32T-PWLN06		6	40	22	30	300	-6°	-12°	WN .. 0804 ..
A32T-PWLN06		6	40	22	30	300	-6°	-12°	
A25T-PWLN08		8	32	17	23	300	-6°	-10°	
A25T-PWLN08		8	32	17	23	300	-6°	-10°	
A32T-PWLN08		8	40	22	30	300	-6°	-10°	WN .. 0804 ..
A32T-PWLN08		8	40	22	30	300	-6°	-10°	



Parallel shank with clamping surface

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	Type	WN .. 0604 .. 25-32	WN .. 0604 .. 40	WN .. 0804 .. 32	WN .. 0804 .. 40
	Shim		AP172-WN0612		AP170-WN0816
	Lever	KN108	KN101	KN128	KN102
	Clamping screw	FS331 (SW 2) 2 Nm	FS351 (SW 2,5) 2 Nm	FS332 (SW 2,5) 2,5 Nm	FS352 (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)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)

Accessories

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

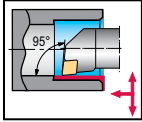
Boring bar – Screw clamping

A...-SCLC

Walter Turn

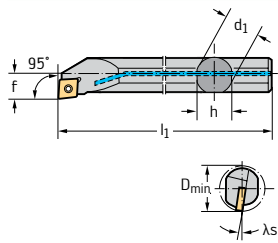


– A = Steel version with internal cooling



Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A08H-SCLCL06		6	10	8	5	7	0°	-13,8°	CC .. 0602 ..
A08H-SCLCR06		6	10	8	5	7	0°	-13,8°	
A10K-SCLCL06		6	12	10	6	9	0°	-10,9°	
A10K-SCLCR06		6	12	10	6	9	0°	-10,9°	
A12M-SCLCL06		6	16	12	9	11	0°	-7,3°	CC .. 09T3 ..
A12M-SCLCR06		6	16	12	9	11	0°	-7,3°	
A16R-SCLCL09		9	20	16	11	15	0°	-8,4°	
A16R-SCLCR09		9	20	16	11	15	0°	-8,4°	
A20S-SCLCL09		9	25	20	13	18	0°	-5,8°	CC .. 1204 ..
A20S-SCLCR09		9	25	20	13	18	0°	-5,8°	
A25T-SCLCL09		9	32	25	17	23	0°	-3,4°	
A25T-SCLCR09		9	32	25	17	23	0°	-3,4°	
A25T-SCLCL12		12	32	25	17	23	0°	-4,6°	CC .. 1204 ..
A25T-SCLCR12		12	32	25	17	23	0°	-4,6°	
A32T-SCLCL12		12	40	32	22	30	0°	-9,8°	
A32T-SCLCR12		12	40	32	22	30	0°	-9,8°	

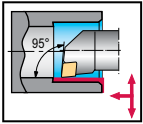


Parallel shank with clamping surface

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)





Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type	
 <p>Cylindrical shank</p>	A08H-SCLCL06-R		6	10	8	5	100	0°	-13,8°	CC .. 0602 ..
	A08H-SCLCR06-R		6	10	8	5	100	0°	-13,8°	
	A10K-SCLCL06-R		6	12	10	6	125	0°	-10,9°	
	A10K-SCLCR06-R		6	12	10	6	125	0°	-10,9°	
	A12M-SCLCL06-R		6	16	12	9	150	0°	-7,3°	
	A12M-SCLCR06-R		6	16	12	9	150	0°	-7,3°	
	A16R-SCLCL09-R		9	20	16	11	200	0°	-8,4°	CC .. 09T3 ..
	A16R-SCLCR09-R		9	20	16	11	200	0°	-8,4°	
	A20S-SCLCL09-R		9	25	20	13	250	0°	-5,8°	
	A20S-SCLCR09-R		9	25	20	13	250	0°	-5,8°	

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)

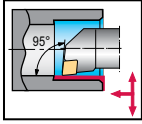
Boring bar – Screw clamping

E...-SCLC...-R


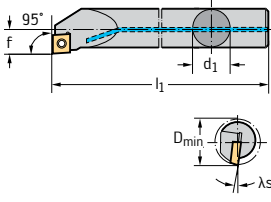












Walter Turn



– E = Solid carbide version with internal cooling


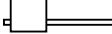


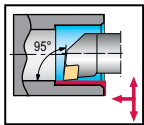
Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
 Cylindrical shank	E08K-SCLCR06-R		6	10	5	125	0°	-13,8°	CC .. 0602 ..
	E10M-SCLCR06-R		6	12	6	150	0°	-10,9°	
	E12Q-SCLCR06-R		6	16	9	180	0°	-7,3°	
	E16R-SCLCR09-R		9	20	11	200	0°	-8,4°	CC .. 09T3 ..
	E20S-SCLCR09-R		9	25	13	220	0°	-6°	
	E25T-SCLCR09-R		9	32	17	270	0°	-3°	
	E08K-SCLCL06-R		6	10	5	125	0°	-13,8°	CC .. 0602 ..
	E10M-SCLCL06-R		6	12	6	150	0°	-10,9°	
	E12Q-SCLCL06-R		6	16	9	180	0°	-7,3°	
	E16R-SCLCL09-R		9	20	11	200	0°	-8,4°	CC .. 09T3 ..
E20S-SCLCL09-R		9	25	13	220	0°	-6°		
E25T-SCLCL09-R		9	32	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

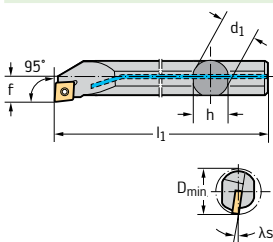
Assembly parts

	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)



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A06M-SCLCL2		6	0,48	0,375	0,250	0,336	0°	-10,696°	CC .. 0602 ..
A06M-SCLCR2		6	0,48	0,375	0,250	0,336	0°	-10,696°	
A08M-SCLCL2		6	0,598	0,500	0,312	0,460	0°	-7,86°	
A08M-SCLCR2		6	0,598	0,500	0,312	0,460	0°	-7,86°	
A10R-SCLCL2		6	0,772	0,625	0,406	0,562	0°	-5,34°	
A10R-SCLCR2		6	0,772	0,625	0,406	0,562	0°	-5,34°	
A10R-SCLCL3		9	0,772	0,625	0,406	0,562	0°	-8,696°	CC .. 09T3 ..
A10R-SCLCR3		9	0,772	0,625	0,406	0,562	0°	-8,696°	
A12S-SCLCL3		9	0,929	0,750	0,500	0,709	0°	-6,371°	
A12S-SCLCR3		9	0,929	0,750	0,500	0,709	0°	-6,371°	
A16T-SCLCL3		9	1,201	1,000	0,640	0,906	0°	-3,834°	
A16T-SCLCR3		9	1,201	1,000	0,640	0,906	0°	-3,834°	
A16T-SCLCL4		12	1,201	1,000	0,640	0,906	0°	-5,103°	CC .. 1204 ..
A16T-SCLCR4		12	1,201	1,000	0,640	0,906	0°	-5,103°	
A20T-SCLCL4		12	1,469	1,250	0,765	1,181	0°	-10,738°	
A20T-SCLCR4		12	1,469	1,250	0,765	1,181	0°	-10,738°	

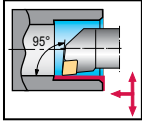


Parallel shank with clamping surface

Measured with master insert: CC .. 060204 / CC .. 060208 / 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

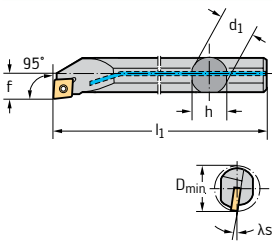
Assembly parts

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)



Tool

Designation	D_{min} inch	d_1 inch	f inch	l_1 inch	γ	λ_s	Type
E06M-SCLCL2	0,48	0,375	0,250	6,000	0°	-10,696°	CC .. 0602 ..
E06M-SCLCR2	0,48	0,375	0,250	6,000	0°	-10,696°	
E08R-SCLCL2	0,598	0,500	0,312	8,000	0°	-7,86°	
E08R-SCLCR2	0,598	0,500	0,312	8,000	0°	-7,86°	
E10R-SCLCL2	0,772	0,625	0,406	8,000	0°	-5,34°	CC .. 09T3 ..
E10R-SCLCR2	0,772	0,625	0,406	8,000	0°	-5,34°	
E12S-SCLCL3	0,929	0,750	0,500	10,000	0°	-6,371°	
E12S-SCLCR3	0,929	0,750	0,500	10,000	0°	-6,371°	
E16T-SCLCL3	1,201	1,000	0,640	12,000	0°	-3,834°	CC .. 09T3 ..
E16T-SCLCR3	1,201	1,000	0,640	12,000	0°	-3,834°	

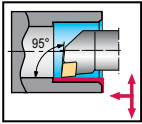


Parallel shank with clamping surface

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

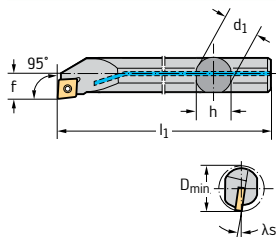
Assembly parts

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)



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type	
A05K-SCLPL2		6	0,413	0,312	0,219	0,272	5,000	0°	-9°	CP .. 0602 ..
A05K-SCLPR2		6	0,413	0,312	0,219	0,272	5,000	0°	-9°	
A06M-SCLPL2		6	0,48	0,375	0,250	0,336	6,000	4°	-6,5°	
A06M-SCLPR2		6	0,48	0,375	0,250	0,336	6,000	4°	-6,5°	
A08M-SCLPL2		6	0,598	0,500	0,312	0,460	6,000	6°	-2,58°	
A08M-SCLPR2		6	0,598	0,500	0,312	0,460	6,000	6°	-2,58°	
A10R-SCLPL2		6	0,772	0,625	0,406	0,562	8,000	0°	-5°	CP .. 09T3 ..
A10R-SCLPR2		6	0,772	0,625	0,406	0,562	8,000	0°	5°	
A12S-SCLPL3		9	0,929	0,750	0,500	0,709	10,000	0°	-6,3°	
A12S-SCLPR3		9	0,929	0,750	0,500	0,709	10,000	0°	-6,3°	
A16T-SCLPL3		9	1,201	1,000	0,639	0,906	14,173	0°	1°	
A16T-SCLPR3		9	1,201	1,000	0,639	0,906	14,173	6°	1°	

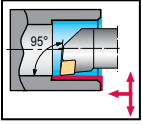


Parallel shank with clamping surface


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

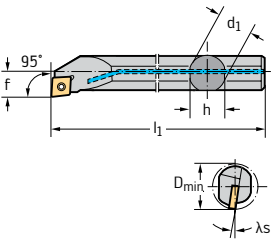
Assembly parts

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)



Tool


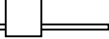
Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type	
E06M-SCLPL2		6	0,48	0,375	0,250	0,359	6,000	4°	-7°	CP .. 0602 ..
E06M-SCLPR2		6	0,48	0,375	0,250	0,359	6,000	4°	-7°	
E08R-SCLPL2		6	0,598	0,500	0,312	0,484	8,000	6°	-3°	
E08R-SCLPR2		6	0,598	0,500	0,312	0,484	8,000	6°	-3°	

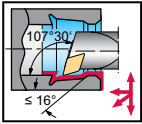


Parallel shank with clamping surface

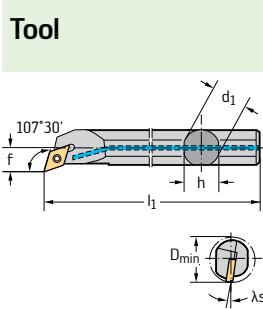
Measured with master insert: CP .. 060204 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)



Tool



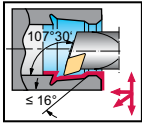
Parallel shank with clamping surface

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A12M-SDQCL07		7	16	12	9	11	0°	-7,1°	DC .. 0702 ..
A12M-SDQCR07		7	16	12	9	11	0°	-7,1°	
A16R-SDQCL07		7	20	16	11	15	0°	-4,9°	
A16R-SDQCR07		7	20	16	11	15	0°	-4,9°	
A20S-SDQCL11		11	25	20	13	18	0°	-5,9°	DC .. 11T3 ..
A20S-SDQCR11		11	25	20	13	18	0°	-5,9°	
A25T-SDQCL11		11	32	25	17	23	0°	-3,5°	
A25T-SDQCR11		11	32	25	17	23	0°	-3,5°	

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	Type	DC .. 0702 .. 16-20	DC .. 11T3 .. 25	DC .. 11T3 .. 32
Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,9 Nm	FS2062 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm
Torx key		FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)



Tool

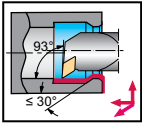
	Designation		D_{\min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
	A12M-SDQCL07-R	7	16	12	9	150	0°	-7,1°	DC .. 0702 ..
	A12M-SDQCR07-R	7	16	12	9	150	0°	-7,1°	
	A16R-SDQCL07-R	7	20	16	11	200	0°	-4,9°	
	A16R-SDQCR07-R	7	20	16	11	200	0°	-4,9°	DC .. 11T3 ..
	A20S-SDQCL11-R	11	25	20	13	250	0°	-5,9°	
	A20S-SDQCR11-R	11	25	20	13	250	0°	-5,9°	

Cylindrical 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

	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)



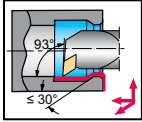
Tool

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

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)



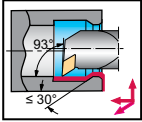
Tool

	Designation		D_{\min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
<p>Cylindrical shank</p>	A10K-SDUCL07-R	7	15	10	7	125	0°	-7°	DC .. 0702 ..
	A10K-SDUCR07-R	7	15	10	7	125	0°	-7°	
	A12M-SDUCL07-R	7	18	12	9	150	0°	-5°	
	A12M-SDUCR07-R	7	18	12	9	150	0°	-5°	
	A16R-SDUCL07-R	7	20	16	11	200	0°	-4,3°	DC .. 11T3 ..
	A16R-SDUCR07-R	7	20	16	11	200	0°	-4,3°	
	A20S-SDUCL11-R	11	25	20	13	250	0°	-5,8°	
	A20S-SDUCR11-R	11	25	20	13	250	0°	-5,8°	

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)



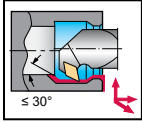
Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
<p>Cylindrical shank</p>	E10M-SDUCL07-R		7	15	9	150	0°	-7,2°	DC .. 0702 ..
	E10M-SDUCR07-R		7	15	9	150	0°	-7,2°	
	E12Q-SDUCL07-R		7	18	11	180	0°	-5,3°	
	E12Q-SDUCR07-R		7	18	11	180	0°	-5,3°	
	E16R-SDUCL07-R		7	22	13	200	0°	-3,6°	
	E16R-SDUCR07-R		7	22	13	200	0°	-3,6°	
	E20S-SDUCL11-R		11	25	13	220	0°	-6°	DC .. 11T3 ..
	E20S-SDUCR11-R		11	25	13	220	0°	-6°	
	E25T-SDUCL11-R		11	32	17	270	0°	-3°	
	E25T-SDUCR11-R		11	32	17	270	0°	-3°	

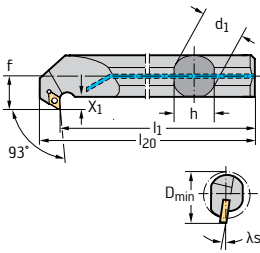
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)



Tool



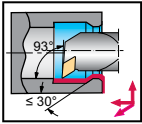
Designation	D _{min} mm	d ₁ mm	f mm	l ₁ mm	l ₂₀ mm	γ	λ _s	Type
A16R-SDUCL07-X	22	16	13	200	212,2	0°	-3,6°	DC .. 0702 ..
A16R-SDUCR07-X	22	16	13	200	212,2	0°	-3,6°	
A20S-SDUCL07-X	27	20	15	250	262,2	0°	-2,1°	
A20S-SDUCR07-X	27	20	15	250	262,2	0°	-2,1°	
A25T-SDUCL07-X	33	25	18	300	312,2	0°	-0,9°	DC .. 11T3 ..
A25T-SDUCR07-X	33	25	18	300	312,2	0°	-0,9°	
A32T-SDUCL11-X	40	32	22	300	316,7	0°	-7,6°	
A32T-SDUCR11-X	40	32	22	300	316,7	0°	-7,6°	

Parallel shank with clamping surface

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

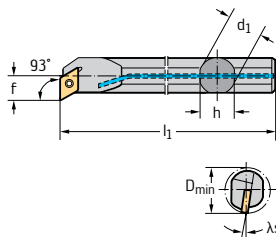
Assembly parts

	Type D _{min} [mm]	DC .. 0702 .. 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)



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A06M-SDUCL2		7	0,598	0,375	0,336	6,000	0°	-7,06°	DC .. 0702 ..
A06M-SDUCR2		7	0,598	0,375	0,336	6,000	0°	-7,06°	
A08M-SDUCL2		7	0,728	0,500	0,460	6,000	0°	-5,018°	
A08M-SDUCR2		7	0,728	0,500	0,460	6,000	0°	-5,018°	
A10R-SDUCL2		7	0,85	0,625	0,562	8,000	0°	-3,698°	DC .. 11T3 ..
A10R-SDUCR2		7	0,85	0,500	0,562	8,000	0°	-3,698°	
A12S-SDUCL3		11	1,051	0,750	0,709	10,000	0°	-5,076°	
A12S-SDUCR3		11	1,051	0,750	0,709	10,000	0°	-5,076°	
A16T-SDUCL3		11	1,299	1,000	0,906	12,000	0°	-3,161°	
A16T-SDUCR3		11	1,299	1,000	0,906	12,000	0°	-3,161°	

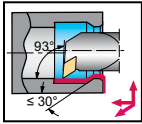


Parallel shank with clamping surface


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

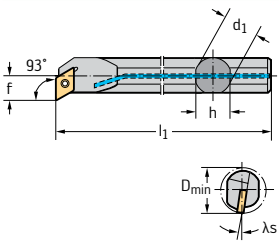
Assembly parts

Type	D_{min} [inch]	DC .. 0702 .. 0,598–0,85	DC .. 11T3 .. 1,051–1,299
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2062 (T15IP) 2,213 lbs
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)



Tool


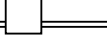
Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
E06M-SDUCL2		7	0,598	0,375	0,375	0,336	0°	-7°	DC .. 0702 ..
E06M-SDUCR2		7	0,598	0,375	0,375	0,336	0°	-7°	
E08R-SDUCL2		7	0,717	0,500	0,438	0,460	0°	-5°	
E08R-SDUCR2		7	0,717	0,500	0,438	0,460	0°	-5°	
E10R-SDUCL2		7	0,85	0,625	0,500	0,354	0°	-4°	DC .. 11T3 ..
E10R-SDUCR2		7	0,85	0,625	0,500	0,354	0°	-4°	
E12S-SDUCL3		11	1,039	0,750	0,625	0,709	0°	-3°	
E12S-SDUCR3		11	1,039	0,750	0,625	0,709	0°	-3°	
E16T-SDUCL3		11	1,299	1,000	0,750	0,906	0°	-3°	DC .. 11T3 ..
E16T-SDUCR3		11	1,299	1,000	0,750	0,906	0°	-3°	

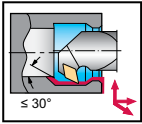


Parallel shank with clamping surface


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

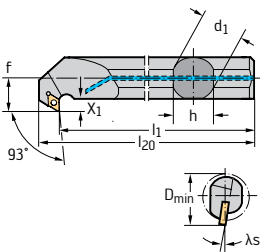
Assembly parts

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)



Tool


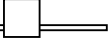
Designation		D_{min} inch	d_1 inch	f inch	l_1 inch	l_{20} inch	γ	λ_s	Type	
A16T-SDUCL2-X		7	1,299	1,000	0,750	12,000	12,48	0°	0,9°	DC .. 0702 ..
A16T-SDUCR2-X		7	1,299	1,000	0,750	12,000	12,48	0°	-0,9°	
A20T-SDUCL3-X		11	1,579	1,250	0,875	12,000	12,61	0°	-7,528°	DC .. 11T3 ..
A20T-SDUCR3-X		11	1,579	1,250	0,875	12,000	12,61	0°	-7,528°	

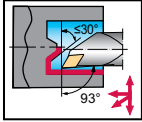


Parallel shank with clamping surface

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} [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)



Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
	A16R-SDJCL07		7	20	9	15	200	0°	-6°	DC .. 0702 ..
	A16R-SDJCR07		7	20	9	15	200	0°	-6°	
	A20S-SDJCL11		11	25	12	18	250	0°	-6°	DC .. 11T3 ..
	A20S-SDJCR11		11	25	12	18	250	0°	-6°	
	A25T-SDJCL11		11	32	14	23	300	0°	-4°	
	A25T-SDJCR11		11	32	14	23	300	0°	-4°	

Parallel shank with clamping surface

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)

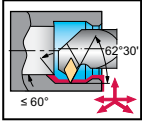
Boring bar – Screw clamping

A...-SDXC...

Walter Turn



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

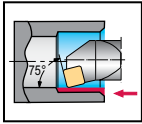


Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	l ₂₀ mm	γ	λ _s	Type
	A12M-SDXCL07	7	16	12	9	11	150	154,3	0°	-4°	DC .. 0702 ..
	A12M-SDXCR07	7	16	12	9	11	150	154,3	0°	-4°	
	A16R-SDXCL07	7	20	16	11	15	200	205	-2°	-4°	DC .. 11T3 ..
	A16R-SDXCR07	7	20	16	11	15	200	205	-2°	-4°	
	A20S-SDXCL11	11	25	20	13	18	250	257	-3°	-5,8°	DC .. 11T3 ..
	A20S-SDXCR11	11	25	20	13	18	250	257	-3°	-5,8°	
	A25T-SDXCL11	11	32	25	17	23	300	306	-2°	-3,4°	DC .. 11T3 ..
	A25T-SDXCR11	11	32	25	17	23	300	306	-2°	-3,4°	

Parallel shank with clamping surface

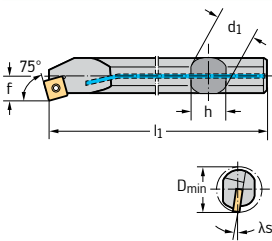
Measured with master insert: DC .. 070204 / DC .. 11T308 | $X_1 = f - d_1/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts	Type D _{min} [mm]	DC .. 0702 .. 16-20	DC .. 11T3 .. 25	DC .. 11T3 .. 32
			Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)



Tool

Designation		D_{\min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A16R-SSKCL09		9	20	11	15	200	0°	-8,9°	SC .. 09T3 ..
A16R-SSKCR09		9	20	11	15	200	0°	-8,9°	
A20S-SSKCL09		9	25	13	18	250	0°	-6°	
A20S-SSKCR09		9	25	13	18	250	0°	-6°	
A25T-SSKCL12		12	32	17	23	300	0°	-4,7°	SC .. 1204 ..
A25T-SSKCR12		12	32	17	23	300	0°	-4,7°	

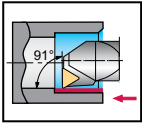


Parallel shank with clamping surface

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)



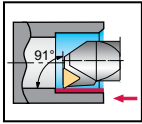
Tool

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

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)



Tool

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

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)

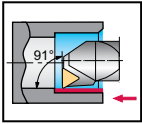
Boring bar – Screw clamping

E...-STFC...-R

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	E06H-STFCL06-R	6	9	6	5	100	0°	-12,2°	TC .. 06T1 ..
	E06H-STFCR06-R	6	9	6	5	100	0°	-12,2°	
	E08K-STFCL06-R	6	11	8	6	125	0°	-10,2°	
	E08K-STFCR06-R	6	11	8	6	125	0°	-10,2°	TC .. 0902 ..
	E10M-STFCL09-R	9	13	10	7	150	0°	-9,2°	
	E10M-STFCR09-R	9	13	10	7	150	0°	-9,2°	
	E12Q-STFCL09-R	9	16	12	9	180	0°	-6,7°	TC .. 1102 ..
	E12Q-STFCR09-R	9	16	12	9	180	0°	-6,7°	
	E16R-STFCL11-R	11	20	16	11	200	0°	-4°	
	E16R-STFCR11-R	11	20	16	11	200	0°	-4°	TC .. 16T3 ..
	E20S-STFCL11-R	11	25	20	13	220	0°	-3°	
	E20S-STFCR11-R	11	25	20	13	220	0°	-3°	
	E25T-STFCL16-R	16	32	25	17	270	0°	-3°	TC .. 16T3 ..
	E25T-STFCR16-R	16	32	25	17	270	0°	-3°	

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 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..	TC .. 16T3 ..
		9	11	13–16	20–25	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)

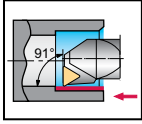
Boring bar – Screw clamping

A...-STFC inch

Walter Turn



– A = Steel version with internal cooling



Tool	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
	A06M-STFCL2	11	0,500	0,375	0,250	0,336	6,000	0°	-10,075°	TC .. 1102 ..
	A06M-STFCR2	11	0,500	0,375	0,250	0,336	6,000	0°	-10,075°	
	A08M-STFCL2	11	0,598	0,500	0,312	0,460	6,000	0°	-7,213°	
	A08M-STFCR2	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°	
	A10R-STFCR2	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°	TC .. 16T3 ..
	A12S-STFCR2	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°	
	A16T-STFCR3	16	1,201	1,000	0,640	0,906	12,000	0°	-3,834°	
	A20T-STFCL3	16	1,469	1,250	0,765	1,181	12,000	0°	-8,67°	
	A20T-STFCR3	16	1,469	1,250	0,765	1,181	12,000	0°	-8,67°	

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

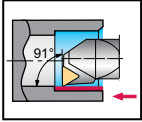
Assembly parts	Type D _{min} [inch]	TC .. 1102 ..	TC .. 1102 ..	TC .. 16T3 ..	TC .. 16T3 ..
		0,5–0,598	0,772–0,929	1,201	1,469
	Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs	FS2063 (T15IP) 2,213 lbs	FS2060 (T15IP) 2,213 lbs
	Shim				AP317-TC1612
	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			D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
<p>Parallel shank with clamping surface</p>	Designation									
	E06M-STFCL1.8	9	0,500	0,375	0,264	0,359	6,000	0°	-9,5°	TC .. 0902 ..
	E06M-STFCR1.8	9	0,500	0,375	0,264	0,359	6,000	0°	-9,5°	
	E08R-STFCL1.8	9	0,630	0,500	0,349	0,460	8,000	0°	-7°	
	E08R-STFCR1.8	9	0,630	0,500	0,349	0,460	8,000	0°	-7°	
	E10R-STFCL2	11	0,772	0,625	0,406	0,609	8,000	0°	-6°	TC .. 1102 ..
	E10R-STFCR2	11	0,772	0,625	0,406	0,609	8,000	0°	-6°	
	E12S-STFCL2	11	0,929	0,750	0,500	0,734	10,000	0°	-4°	
	E12S-STFCR2	11	0,929	0,750	0,500	0,734	10,000	0°	-4°	
	E16T-STFCL3	16	1,201	1,000	0,640	0,984	12,000	0°	-4°	TC .. 16T3 ..
E16T-STFCR3	16	1,201	1,000	0,640	0,984	12,000	0°	-4°		

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)

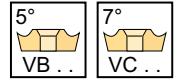
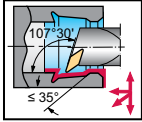
Boring bar – Screw clamping

A...-SVQB

Walter Turn



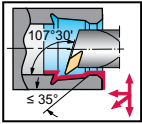
– A = Steel version with internal cooling



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

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)



Tool

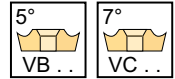
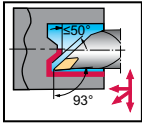
	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
	A16R-SVQBL11-R	11	22	16	13	200	0°	-6,9°	VB .. 1103 ..
	A16R-SVQBR11-R	11	22	16	13	200	0°	-6,9°	
	A20S-SVQBL11-R	11	27	20	15	250	0°	-5°	
	A20S-SVQBR11-R	11	27	20	15	250	0°	-5°	

Cylindrical shank

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)



Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
	A16R-SVJBL11	11	20	16	9	15	200	0°	-6°	VB .. 1103 ..
	A16R-SVJBR11	11	20	16	9	15	200	0°	-6°	
	A20S-SVJBL11	11	25	20	11	18	250	0°	-6°	
	A20S-SVJBR11	11	25	20	11	18	250	0°	-6°	

Parallel shank with clamping surface

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)

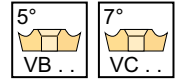
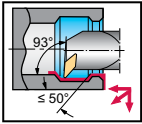
Boring bar – Screw clamping

A...-SVUB

Walter Turn



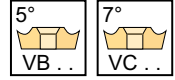
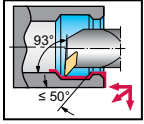
– A = Steel version with internal cooling



Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
<p>Parallel shank with clamping surface</p>	A16R-SVUBL11	11	22	16	13	15	200	0°	-6,5°	VB .. 1103 ..
	A16R-SVUBR11	11	22	16	13	15	200	0°	-6,5°	
	A20S-SVUBL11	11	27	20	15	18	250	0°	-4,7°	
	A20S-SVUBR11	11	27	20	15	18	250	0°	-4,7°	
	A25T-SVUBL11	11	33	25	18	23	300	0°	-3,3°	
	A25T-SVUBR11	11	33	25	18	23	300	0°	-3,3°	VB .. 1604 ..
	A32T-SVUBL16	16	40	32	22	30	300	0°	-9,8°	
	A32T-SVUBR16	16	40	32	22	30	300	0°	-9,8°	
	A40T-SVUBL16	16	50	40	27	37	300	0°	-6,9°	
	A40T-SVUBR16	16	50	40	27	37	300	0°	-6,9°	

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)



Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
	A16R-SVUBL11-R	11	22	16	13	200	0°	-6,5°	VB .. 1103 ..
	A16R-SVUBR11-R	11	22	16	13	200	0°	-6,5°	
	A20S-SVUBL11-R	11	27	20	15	250	0°	-4,6°	
	A20S-SVUBR11-R	11	27	20	15	250	0°	-4,6°	

Cylindrical shank

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

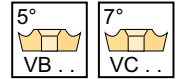
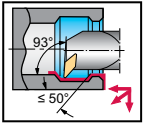
Assembly parts

	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

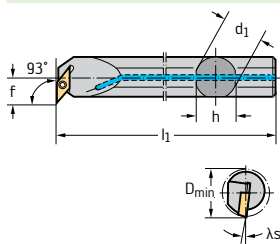
A...-SVUB inch

Walter Turn



Tool




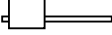
Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A10R-SVUBL2		11	0,85	0,625	0,486	0,562	0°	-6,839°	VB .. 1103 ..
A10R-SVUBR2		11	0,85	0,625	0,486	0,562	0°	-6,839°	
A12S-SVUBL2		11	1,012	0,750	0,580	0,709	0°	-5,05°	
A12S-SVUBR2		11	1,012	0,750	0,580	0,709	0°	-5,05°	
A16T-SVUBL2		11	1,24	1,000	0,680	0,906	0°	-3,519°	
A16T-SVUBR2		11	1,24	1,000	0,680	0,906	0°	-3,519°	
A20T-SVUBL3		16	1,705	1,250	1,000	1,181	0°	-8,696°	VB .. 1604 ..
A20T-SVUBR3		16	1,705	1,250	1,000	1,181	0°	-8,696°	
A24T-SVUBL3		16	2,126	1,500	1,125	1,374	0°	-5,997°	
A24T-SVUBR3		16	2,126	1,500	1,125	1,374	0°	-5,997°	

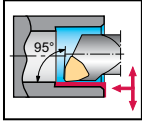


Parallel shank with clamping surface

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

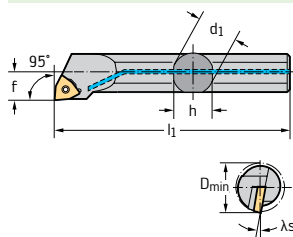
Assembly parts

	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)



Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A10K-SWLCL04		4	12	7	9	125	0°	-10°	WC .. 0402 ..
A10K-SWLCR04		4	12	7	9	125	0°	-10°	
A12M-SWLCL04		4	16	9	11	150	0°	-7°	
A12M-SWLCR04		4	16	9	11	150	0°	-7°	
A16R-SWLCL04		4	20	11	15	200	0°	-5°	WC .. 06T3 ..
A16R-SWLCR04		4	20	11	15	200	0°	-5°	
A20S-SWLCL06		6	25	13	18	250	0°	-6°	WC .. 0804 ..
A20S-SWLCR06		6	25	13	18	250	0°	-6°	
A25T-SWLCL06		6	32	17	23	300	0°	-3,5°	WC .. 0804 ..
A25T-SWLCR06		6	32	17	23	300	0°	-3,5°	
A25T-SWLCL08		8	32	17	23	300	0°	-4°	WC .. 0804 ..
A25T-SWLCR08		8	32	17	23	300	0°	-4°	
A32T-SWLCL08		8	40	22	30	300	0°	-9°	WC .. 0804 ..
A32T-SWLCR08		8	40	22	30	300	0°	-9°	

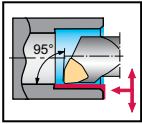


Parallel shank with clamping surface

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	WC .. 0804 .. 40
Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,9 Nm	FS2062 (T15IP) 3 Nm	FS2064 (T15IP) 3 Nm	FS2065 (T15IP) 3 Nm
Shim				AP320-WC0812
Screw for shim				FS2069 (SW 4)
Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1496 (T15IP)	FS1496 (T15IP)



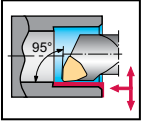
Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
<p>Cylindrical shank</p>	A10K-SWLCL04-R	4	13	10	7	125	0°	-10°	WC .. 0402 ..
	A10K-SWLCR04-R	4	13	10	7	125	0°	-10°	
	A12M-SWLCL04-R	4	16	12	9	150	0°	-7°	
	A12M-SWLCR04-R	4	16	12	9	150	0°	-7°	
	A16R-SWLCL04-R	4	20	16	11	200	0°	-5°	WC .. 06T3 ..
	A16R-SWLCR04-R	4	20	16	11	200	0°	-5°	
	A20S-SWLCL06-R	6	25	20	13	250	0°	-6°	
	A20S-SWLCR06-R	6	25	20	13	250	0°	-6°	

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

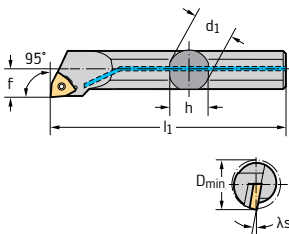
Assembly parts

	Type D_{min} [mm]	WC .. 0402 .. 13-20	WC .. 06T3 .. 25
	Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,9 Nm	FS2062 (T15IP) 3 Nm
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)



Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A06M-SWLCL2		4	0,500	0,375	0,250	0,336	0°	-11°	WC .. 0402 ..
A06M-SWLCR2		4	0,500	0,375	0,250	0,336	0°	-11°	
A08M-SWLCL2		4	0,625	0,500	0,312	0,460	0°	-8°	WC .. 06T3 ..
A08M-SWLCR2		4	0,625	0,500	0,312	0,460	0°	-8°	
A10R-SWLCL3		6	0,750	0,625	0,375	0,562	0°	-10°	WC .. 06T3 ..
A10R-SWLCR3		6	0,750	0,625	0,375	0,562	0°	-10°	
A12S-SWLCL3		6	1,000	0,750	0,500	0,709	0°	-6,5°	WC .. 06T3 ..
A12S-SWLCR3		6	1,000	0,750	0,500	0,709	0°	-6,5°	
A16T-SWLCL3		6	1,280	1,000	0,640	0,906	0°	-4°	WC .. 06T3 ..
A16T-SWLCR3		6	1,280	1,000	0,640	0,906	0°	-4°	



Parallel shank with clamping surface

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

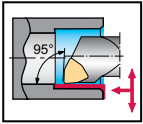
Type	D_{min} [inch]	WC .. 0402 .. 0,5–0,625	WC .. 06T3 .. 0,75–1,28
Clamping screw for indexable insert Tightening torque		FS2067 (T7IP) 0,664 lbs	FS2062 (T15IP) 2,213 lbs
Torx key		FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

E...-SWLC inch

Walter Turn

– E = Solid carbide version with internal cooling



Tool			D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
	Designation									
	E06M-SWLC2	4	0,500	0,375	0,250	0,359	6,000	0°	-11°	WC .. 0402 ..
	E06M-SWLCR2	4	0,500	0,375	0,250	0,359	6,000	0°	-11°	
	E08R-SWLC2	4	0,625	0,500	0,312	0,460	6,000	0°	-8°	
E08R-SWLCR2	4	0,625	0,500	0,312	0,460	8,000	0°	-8°		

Parallel shank with clamping surface

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	WC .. 0402 .. 0,5–0,625
	Clamping screw for indexable insert Tightening torque		FS2067 (T7IP) 0,664 lbs
	Torx key		FS1490 (T7IP)

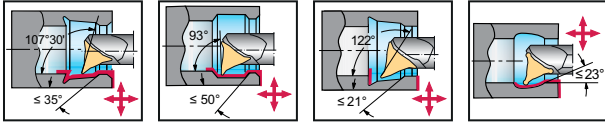
Boring bar – Copy turning system

W1211

Walter Turn



– Double internal coolant supply



Tool

	Designation		d_1 mm	D_{min} mm	f mm	h mm	l_1 mm	l_4 mm	X_1 mm	γ	λ_s	Type	
	W1211-12MR-WL17		17	12	18	10	11,5	150	23	4,5	-3,2°	-7,5°	WL17..
	W1211-16RR-WL17		17	16	20	11	15	200	23	4	-3,2°	-7,5°	WL17..
	W1211-20SR-WL17		17	20	25	14	18,5	250	28	5,5	-2,7°	-7,6°	WL17..
	W1211-12ML-WL17		17	12	18	10	11,5	150	23	4,5	-3,2°	-7,5°	WL17..
	W1211-16RL-WL17		17	16	20	11	15	200	23	4	-3,2°	-7,5°	WL17..
	W1211-20SL-WL17		17	20	25	14	18,5	250	28	5,5	-2,7°	-7,6°	WL17..

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WL17-VC050804N-FM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

→ Good =

→ Moderate =

Assembly parts		WL17.. 12-20
	Type d ₁ [mm] Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Torx key	FS1466 (T9IP)

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P		M		S	
				HC		HC		HC	
				WMP20S	WPP20G	WMP20S	WSM10S	WSM20S	WSM10S
	WL17-VC0502L-FM4	0,2	4,3	2,5					
	WL17-VC0504L-FM4	0,4	4,6	3,1					
	WL17-VC0508L-FM4	0,4	5	3,6					
	WL17-VC0502R-FM4	0,2	4,3	2,5					
	WL17-VC0504R-FM4	0,4	4,6	3,1					
	WL17-VC0508R-FM4	0,4	5	3,6					
	WL17-VC0502N-FM4	0,2	4,6						
	WL17-VC0504N-FM4	0,4	5						
	WL17-VC0504N-FP4	0,4	5						
	WL17-VC0504N-MM4	0,4	5						
	WL17-VC0504N-MP4	0,4	5						
	WL17-VC0508N-FM4	0,8	5,7						
	WL17-VC0508N-FP4	0,8	5,7						
	WL17-VC0508N-MM4	0,8	5,7						
	WL17-VC0508N-MP4	0,8	5,7						

HC = beschichtetes Hartmetall

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

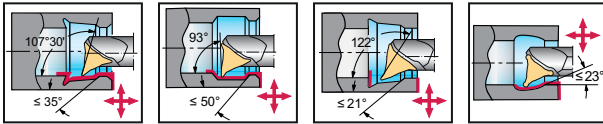
Boring bar – Copy turning system

W1211

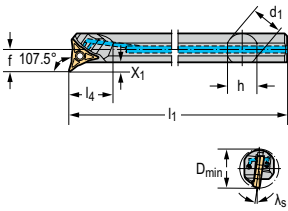
Walter Turn



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



Tool



Designation		d ₁ mm	D _{min} mm	f mm	h mm	l ₁ mm	l ₄ mm	X ₁ mm	γ	λ _s	Type
W1211-25TR-WL25		25	25	17	23	300	35	7	-1,3°	-7,5°	WL25..
W1211-32TR-WL25		25	32	23	30	300	45	9,5	-1,3°	-7,5°	
W1211-40TR-WL25		25	40	27,5	37	300	54	10	-1,3°	-7,5°	
W1211-25TL-WL25		25	25	17	23	300	35	7	-1,3°	-7,5°	WL25..
W1211-32TL-WL25		25	32	23	30	300	45	9,5	-1,3°	-7,5°	
W1211-40TL-WL25		25	40	27,5	37	300	54	10	-1,3°	-7,5°	

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online 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

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S			H		
				HC				HC				HC	HC			BC		
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S	WSM30S	WBH20C
WL25-VC0702L-FM4	0.2	5.5	3.4															
WL25-VC0704LTM-3	0.4	3	3															
WL25-VC0704L-FM4	0.4	6.2	3.9															
WL25-VC0704L-FP4	0.4	6.2	3.9	☺		☺	☺						☺					
WL25-VC0704L-MM4	0.4	6.2	3.9		☺			☺										
WL25-VC0704L-MP4	0.4	6.2	3.9			☺	☺											
WL25-VC0708LTM-3	0.8	3	3															
WL25-VC0708L-FM4	0.8	6.6	4.6															
WL25-VC0708L-FP4	0.8	6.6	4.6	☺		☺	☺						☺					
WL25-VC0708L-MM4	0.8	6.6	4.6		☺			☺										
WL25-VC0708L-MP4	0.8	6.6	4.6			☺	☺											
WL25-VC0702R-FM4	0.2	5.5	3.4															
WL25-VC0704RTM-3	0.4	3	3															
WL25-VC0704R-FM4	0.4	6.2	3.9															
WL25-VC0704R-FP4	0.4	6.2	3.9	☺		☺	☺						☺					
WL25-VC0704R-MM4	0.4	6.2	3.9		☺			☺										
WL25-VC0704R-MP4	0.4	6.2	3.9			☺	☺											
WL25-VC0708RTM-3	0.8	3	3															
WL25-VC0708R-FM4	0.8	6.6	4.6															
WL25-VC0708R-FP4	0.8	6.6	4.6	☺		☺	☺						☺					
WL25-VC0708R-MM4	0.8	6.6	4.6		☺			☺										
WL25-VC0708R-MP4	0.8	6.6	4.6			☺	☺											
WL25-VC0702N-FM4	0.2	6							☹	☹	☹		☹	☹	☹			
WL25-VC0704NTM-3	0.4	3																
WL25-VC0704N-FM4	0.4	6.3							☹	☹	☹		☹	☹	☹			
WL25-VC0704N-FP4	0.4	6.3		☺		☺	☺						☺					
WL25-VC0704N-MM4	0.4	6.3			☺			☺	☹	☹			☹	☹				
WL25-VC0704N-MP4	0.4	6.3				☺	☺											
WL25-VC0708NTM-3	0.8	3																
WL25-VC0708N-FM4	0.8	7.1																
WL25-VC0708N-FP4	0.8	7.1		☺		☺	☺						☺					
WL25-VC0708N-MM4	0.8	7.1			☺			☺	☹	☹			☹	☹				
WL25-VC0708N-MP4	0.8	7.1				☺	☺											
WL25-VC0712N-MM4	1.2	7.4																
WL25-VC0712N-MP4	1.2	7.4				☺	☺											
WL25-VC0716N-MM4	1.6	8.7																
WL25-VC0716N-MP4	1.6	8.7				☺	☺											
WL25-RC0420NTM-3	2	3.2																
WL25-RC0420N-MU6	2	7.2				☺												
WL25-RC0525NTM-3	2.5	5																
WL25-RC0525N-MU6	2.5	6.9				☺												

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

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

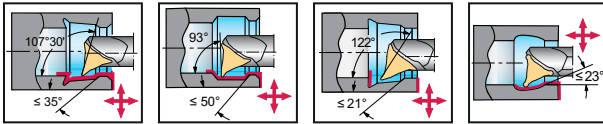
Boring bar – Copy turning system

W1211 inch

Walter Turn



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



Tool

	Designation		d ₁ inch	D _{min} inch	f inch	h inch	l ₁ inch	l ₄ inch	X ₁ inch	γ	λ _s	Type	
	W1211.16TR-WL25		25	1,000	1,260	0,669	0,906	12,049	1,378	0,217	-1,3°	-7,5°	WL25..
	W1211.20TR-WL25		25	1,250	1,575	0,906	1,181	12,049	1,772	0,315	-1,3°	-7,5°	WL25..
	W1211.16TL-WL25		25	1,000	1,260	0,669	0,906	12,049	1,378	0,217	-1,3°	-7,5°	WL25..
	W1211.20TL-WL25		25	1,250	1,575	0,906	1,181	12,049	1,772	0,315	-1,3°	-7,5°	WL25..

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online 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

Indexable inserts

Designation	r inch	l _e inch	l _{e1} inch	P				M				K		S			H		
				HC				HC				HC		HC			BC		
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S	WSM30S	WBH20C	
WL25-VC0702L-FM4	0,008	0,217	0,134																
WL25-VC0704LTM-3	0,016	0,118	0,118																
WL25-VC0704L-FM4	0,016	0,244	0,154																
WL25-VC0704L-FP4	0,016	0,244	0,154	☺		☺	☺												
WL25-VC0704L-MM4	0,016	0,244	0,154		☺		☺												
WL25-VC0704L-MP4	0,016	0,244	0,154			☺	☺												
WL25-VC0708LTM-3	0,031	0,118	0,118																
WL25-VC0708L-FM4	0,031	0,260	0,181																
WL25-VC0708L-FP4	0,031	0,260	0,181	☺		☺	☺												
WL25-VC0708L-MM4	0,031	0,260	0,181		☺		☺												
WL25-VC0708L-MP4	0,031	0,260	0,181			☺	☺												
WL25-VC0702R-FM4	0,008	0,217	0,134																
WL25-VC0704RTM-3	0,016	0,118	0,118																
WL25-VC0704R-FM4	0,016	0,244	0,154																
WL25-VC0704R-FP4	0,016	0,244	0,154	☺		☺	☺												
WL25-VC0704R-MM4	0,016	0,244	0,154		☺		☺												
WL25-VC0704R-MP4	0,016	0,244	0,154			☺	☺												
WL25-VC0708RTM-3	0,031	0,118	0,118																
WL25-VC0708R-FM4	0,031	0,260	0,181																
WL25-VC0708R-FP4	0,031	0,260	0,181	☺		☺	☺												
WL25-VC0708R-MM4	0,031	0,260	0,181		☺		☺												
WL25-VC0708R-MP4	0,031	0,260	0,181			☺	☺												
WL25-VC0702N-FM4	0,008	0,236																	
WL25-VC0704NTM-3	0,016	0,118																	
WL25-VC0704N-FM4	0,016	0,248																	
WL25-VC0704N-FP4	0,016	0,248		☺		☺	☺												
WL25-VC0704N-MM4	0,016	0,248			☺		☺												
WL25-VC0704N-MP4	0,016	0,248				☺	☺												
WL25-VC0708NTM-3	0,031	0,118																	
WL25-VC0708N-FM4	0,031	0,280																	
WL25-VC0708N-FP4	0,031	0,280		☺		☺	☺												
WL25-VC0708N-MM4	0,031	0,280			☺		☺												
WL25-VC0708N-MP4	0,031	0,280				☺	☺												
WL25-VC0712N-MM4	0,047	0,291																	
WL25-VC0712N-MP4	0,047	0,291				☺	☺												
WL25-VC0716N-MM4	0,063	0,343																	
WL25-VC0716N-MP4	0,063	0,343				☺	☺												
WL25-RC0420NTM-3	0,079	0,126																	
WL25-RC0420N-MU6	0,079	0,283				☺													
WL25-RC0525NTM-3	0,098	0,197																	
WL25-RC0525N-MU6	0,098	0,272				☺													

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

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

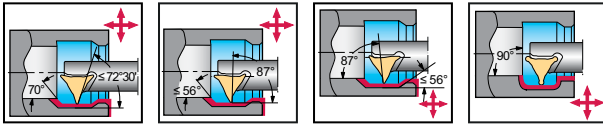
Boring bar – Copy turning system

W1210

Walter Turn



– Double internal coolant supply



Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	l ₄ mm	l ₂₀ mm	X ₁ mm	γ	λ _s	Type	
	W1210-12MR-WL17		17	19	12	12	11	157	21	157	6,5	-2,4°	-7,6°	WL17..
	W1210-16RR-WL17		17	22	16	13	15	207	23	207	6	-2,4°	-7,6°	
	W1210-20SR-WL17		17	26	20	15	18	257	26	257	6,5	-2,4°	-7,6°	
	W1210-12ML-WL17		17	19	12	12	11	157	21	157	6,5	-2,4°	-7,6°	WL17..
	W1210-16RL-WL17		17	22	16	13	15	207	23	207	6	-2,4°	-7,6°	
	W1210-20SL-WL17		17	26	20	15	18	257	26	257	6,5	-2,4°	-7,6°	

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert:WL17-VC050804N-FM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

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

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P		M		S	
				HC		HC		HC	
				WMP20S	WPP20G	WMP20S	WSM10S	WSM20S	WSM10S
	WL17-VC0502L-FM4	0,2	4,3	2,5					
	WL17-VC0504L-FM4	0,4	4,6	3,1					
	WL17-VC0508L-FM4	0,4	5	3,6					
	WL17-VC0502R-FM4	0,2	4,3	2,5					
	WL17-VC0504R-FM4	0,4	4,6	3,1					
	WL17-VC0508R-FM4	0,4	5	3,6					
	WL17-VC0502N-FM4	0,2	4,6						
	WL17-VC0504N-FM4	0,4	5						
	WL17-VC0504N-FP4	0,4	5						
	WL17-VC0504N-MM4	0,4	5						
	WL17-VC0504N-MP4	0,4	5						
	WL17-VC0508N-FM4	0,8	5,7						
	WL17-VC0508N-FP4	0,8	5,7						
	WL17-VC0508N-MM4	0,8	5,7						
	WL17-VC0508N-MP4	0,8	5,7						

HC = beschichtetes Hartmetall

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

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

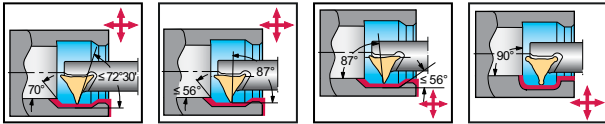
Boring bar – Copy turning system

W1210

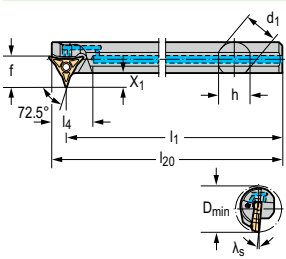
Walter Turn



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



Tool



Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_4 mm	l_{20} mm	X_1 mm	γ	λ_s	Type	
W1210-25TR-WL25		25	34	25	20	23	300	30	310	10	-1,5°	-4,8°	WL25..
W1210-32TR-WL25		25	44	32	27	30	300	31	310	13,5	-1,5°	-4,8°	WL25..
W1210-40TR-WL25		25	52	40	31	37	300	35	310	13,5	-1,5°	-4,8°	WL25..
W1210-25TL-WL25		25	34	25	20	23	300	30	310	10	-1,5°	-4,8°	WL25..
W1210-32TL-WL25		25	44	32	27	30	300	31	310	13,5	-1,5°	-4,8°	WL25..
W1210-40TL-WL25		25	52	40	31	37	300	35	310	13,5	-1,5°	-4,8°	WL25..

Parallel shank with clamping surface

Dimensional drawing shows right-hand version. | Measured with master insert:WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

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

Accessories

Type	WL25..
Coolant sealing adapter	CN3000-25-8.5

Indexable inserts

Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S				H
				HC				HC				HC	HC				BC
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S	WSM30S	WBH20C
WL25-VC0702L-FM4	0.2	5.5	3.4														
WL25-VC0704LTM-3	0.4	3	3														
WL25-VC0704L-FM4	0.4	6.2	3.9														
WL25-VC0704L-FP4	0.4	6.2	3.9	☺								☺					
WL25-VC0704L-MM4	0.4	6.2	3.9		☹												
WL25-VC0704L-MP4	0.4	6.2	3.9			☺	☺										
WL25-VC0708LTM-3	0.8	3	3														
WL25-VC0708L-FM4	0.8	6.6	4.6														
WL25-VC0708L-FP4	0.8	6.6	4.6	☺								☺					
WL25-VC0708L-MM4	0.8	6.6	4.6		☹												
WL25-VC0708L-MP4	0.8	6.6	4.6			☺	☺										
WL25-VC0702R-FM4	0.2	5.5	3.4														
WL25-VC0704RTM-3	0.4	3	3														
WL25-VC0704R-FM4	0.4	6.2	3.9														
WL25-VC0704R-FP4	0.4	6.2	3.9	☺								☺					
WL25-VC0704R-MM4	0.4	6.2	3.9		☹												
WL25-VC0704R-MP4	0.4	6.2	3.9			☺	☺										
WL25-VC0708RTM-3	0.8	3	3														
WL25-VC0708R-FM4	0.8	6.6	4.6														
WL25-VC0708R-FP4	0.8	6.6	4.6	☺								☺					
WL25-VC0708R-MM4	0.8	6.6	4.6		☹												
WL25-VC0708R-MP4	0.8	6.6	4.6			☺	☺										
WL25-VC0702N-FM4	0.2	6															
WL25-VC0704NTM-3	0.4	3															
WL25-VC0704N-FM4	0.4	6.3															
WL25-VC0704N-FP4	0.4	6.3		☺								☺					
WL25-VC0704N-MM4	0.4	6.3			☹												
WL25-VC0704N-MP4	0.4	6.3				☺	☺										
WL25-VC0708NTM-3	0.8	3															
WL25-VC0708N-FM4	0.8	7.1															
WL25-VC0708N-FP4	0.8	7.1		☺								☺					
WL25-VC0708N-MM4	0.8	7.1			☹												
WL25-VC0708N-MP4	0.8	7.1				☺	☺										
WL25-VC0712N-MM4	1.2	7.4															
WL25-VC0712N-MP4	1.2	7.4				☺	☺										
WL25-VC0716N-MM4	1.6	8.7															
WL25-VC0716N-MP4	1.6	8.7				☺	☺										
WL25-RC0420NTM-3	2	3.2															
WL25-RC0420N-MU6	2	7.2				☺	☺										
WL25-RC0525NTM-3	2.5	5															
WL25-RC0525N-MU6	2.5	6.9				☺	☺										

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

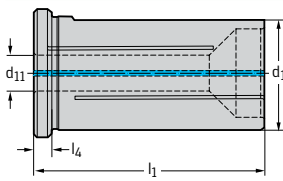
Boring bar adaptor

A2140-W mm




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

Tool



Cylindrical shank with flat

Designation	d ₁	d ₁₁ mm	l ₁ mm	l ₄ mm	 kg
A2140-W16-R06-048	16	6	48	5	0,06
A2140-W16-R08-048	16	8	48	5	0,06
A2140-W16-R10-048	16	10	48	5	0,05
A2140-W16-R12-048	16	12	48	5	0,04
A2140-W20-R06-055	20	6	55	5	0,11
A2140-W20-R08-055	20	8	55	5	0,11
A2140-W20-R10-055	20	10	55	5	0,1
A2140-W20-R12-055	20	12	55	5	0,09
A2140-W20-R16-055	20	16	55	5	0,06
A2140-W25-R06-061	25	6	61	5	0,19
A2140-W25-R08-061	25	8	61	5	0,19
A2140-W25-R10-061	25	10	61	5	0,19
A2140-W25-R12-061	25	12	61	5	0,17
A2140-W25-R16-061	25	16	61	5	0,14
A2140-W32-R06-065	32	6	65	5	0,33
A2140-W32-R08-065	32	8	65	5	0,33
A2140-W32-R10-065	32	10	65	5	0,33
A2140-W32-R12-065	32	12	65	5	0,31
A2140-W32-R16-065	32	16	65	5	0,28
A2140-W32-R20-065	32	20	65	5	0,25
A2140-W40-R06-075	40	6	75	5	0,6
A2140-W40-R08-075	40	8	75	5	0,61
A2140-W40-R10-075	40	10	75	5	0,62
A2140-W40-R12-075	40	12	75	5	0,62
A2140-W40-R16-075	40	16	75	5	0,58
A2140-W40-R20-075	40	20	75	5	0,55
A2140-W40-R25-075	40	25	75	5	0,45

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

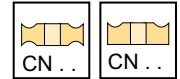
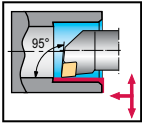
Boring bar – Rigid clamping

C...-DCLN

Walter Turn



– Walter Capto™



Tool

	Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	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 ..
<p>Walter Capto™ in acc. with ISO 26623</p>	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 ..

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 .. 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	

Accessories

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

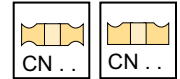
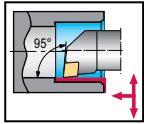
Boring bar – Lever clamping

C...-PCLN

Walter Turn



– Walter Capto™




Tool	Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	C3-PCLNL-17090-12	12	C3	32	25	17	90	75	-6°	-11°	CN .. 1204 ..
	C3-PCLNR-17090-12	12	C3	32	25	17	90	75	-6°	-11°	
	C4-PCLNL-17090-12	12	C4	32	25	17	90	69	-6°	-11°	
	C4-PCLNL-22110-12	12	C4	40	32	22	110	89	-6°	-11°	
	C4-PCLNL-27080-12	12	C4	50	40	27	80	60	-6°	-10°	
	C4-PCLNL-27120-12	12	C4	50	40	27	120	100	-6°	-11°	
	C4-PCLNR-17090-12	12	C4	32	25	17	90	69	-6°	-11°	
	C4-PCLNR-22110-12	12	C4	40	32	22	110	89	-6°	-11°	
	C4-PCLNR-27080-12	12	C4	50	40	27	80	60	-6°	-10°	
	C4-PCLNR-27120-12	12	C4	50	40	27	120	100	-6°	-11°	
	C5-PCLNL-17090-12	12	C5	32	25	17	90	67	-6°	-11°	CN .. 1606 ..
	C5-PCLNL-22110-12	12	C5	40	32	22	110	88	-6°	-11°	
	C5-PCLNL-27140-12	12	C5	50	40	27	140	119	-6°	-10°	
	C5-PCLNL-35100-12	12	C5	63	50	35	100	81	-6°	-7°	
	C5-PCLNR-17090-12	12	C5	32	25	17	90	67	-6°	-11°	
	C5-PCLNR-22110-12	12	C5	40	32	22	110	88	-6°	-11°	
	C5-PCLNR-27140-12	12	C5	50	40	27	140	119	-6°	-10°	
	C5-PCLNR-35100-12	12	C5	63	50	35	100	81	-6°	-7°	
	C6-PCLNL-17100-12	12	C6	32	25	17	100	74	-6°	-11°	
	C6-PCLNL-22110-12	12	C6	40	32	22	110	84	-6°	-11°	
C6-PCLNR-17100-12	12	C6	32	25	17	100	74	-6°	-11°	CN .. 1606 ..	
C6-PCLNR-22110-12	12	C6	40	32	22	110	84	-6°	-11°		
C5-PCLNL-35150-16	16	C5	63	50	35	150	131	-6°	-11°		
C5-PCLNR-35150-16	16	C5	63	50	35	150	131	-6°	-11°		
C6-PCLNL-27140-16	16	C6	50	40	27	140	115	-6°	-11°		
C6-PCLNL-35175-16	16	C6	63	50	35	175	152	-6°	-11°		
C6-PCLNR-27140-16	16	C6	50	40	27	140	115	-6°	-11°	CN .. 1606 ..	
C6-PCLNR-35175-16	16	C6	63	50	35	175	152	-6°	-11°		

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

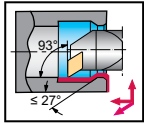
Boring bar – Rigid clamping

C...-DDUN

Walter Turn



– Walter Capto™



Tool

Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_6 mm	γ	λ_s	Type	
C4-DDUNL-17090-11		11	C4	32	25	17	90	68	-6°	-12°	DN .. 1104 ..
C4-DDUNR-17090-11		11	C4	32	25	17	90	68	-6°	-12°	
C5-DDUNL-17090-11		11	C5	32	25	17	90	66	-6°	-12°	
C5-DDUNR-17090-11		11	C5	32	25	17	90	66	-6°	-12°	
C4-DDUNL-27080-15		15	C4	50	40	27	80	59	-6°	-11°	DN .. 1506 ..
C4-DDUNR-27080-15		15	C4	50	40	27	80	59	-6°	-11°	
C5-DDUNL-27140-15		15	C5	50	40	27	140	118	-6°	-11°	
C5-DDUNR-27140-15		15	C5	50	40	27	140	118	-6°	-11°	
C6-DDUNL-27140-15		15	C6	50	40	27	140	114	-6°	-11°	
C6-DDUNR-27140-15		15	C6	50	40	27	140	114	-6°	-11°	

Walter Capto™ in acc. with ISO 26623

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

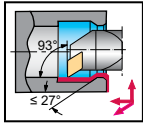
Boring bar – Lever clamping

C...-PDUN

Walter Turn



– Walter Capto™



Tool




Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type	
C3-PDUNL-17090-11		11	C3	32	25	17	90	75	-6°	-11°	DN .. 1104 ..
C3-PDUNR-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°	
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°	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°	
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-PDUNL-17100-11		11	C6	32	25	17	100	74	-6°	-11°	DN .. 1506 ..
C6-PDUNR-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°	
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°	DN .. 1506 ..
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°	
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°	DN .. 1506 ..
C5-PDUNR-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°	
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°	

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

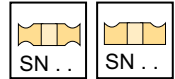
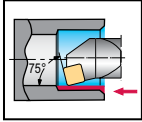
Boring bar – Lever clamping

C...-PSKN

Walter Turn



– Walter Capto™



Tool	Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type
	C5-PSKNL-27140-12	12	C5	50	40	27	140	119	-6°	-10°	SN .. 1204 ..
	C5-PSKNR-27140-12	12	C5	50	40	27	140	119	-6°	-10°	
	C6-PSKNL-35175-15	15	C6	63	50	35	175	152	-6°	-9°	SN .. 1506 ..
	C6-PSKNR-35175-15	15	C6	63	50	35	175	152	-6°	-9°	

Walter Capto™ in acc. with ISO 26623

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

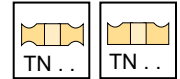
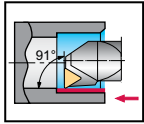
Boring bar – Lever clamping

C...-PTFN

Walter Turn



– Walter Capto™



Tool	Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	C4-PTFNL-17090-16W	16	C4	32	25	17	90	69	-6°	-13°	TN .. 1604 ..
	C4-PTFNL-22110-16W	16	C4	40	32	22	110	89	-6°	-12°	
	C4-PTFNR-17090-16W	16	C4	32	25	17	90	69	-6°	-13°	
	C4-PTFNR-22110-16W	16	C4	40	32	22	110	89	-6°	-12°	
	C5-PTFNL-17090-16W	16	C5	32	25	17	90	67	-6°	-13°	
	C5-PTFNL-22110-16W	16	C5	40	32	22	110	88	-6°	-12°	
	C5-PTFNR-17090-16W	16	C5	32	25	17	90	67	-6°	-13°	
	C5-PTFNR-22110-16W	16	C5	40	32	22	110	88	-6°	-12°	
	C6-PTFNL-22110-16W	16	C6	40	32	22	110	84	-6°	-12°	
	C6-PTFNR-22110-16W	16	C6	40	32	22	110	84	-6°	-12°	
	C5-PTFNL-35150-22W	22	C5	63	50	35	150	131	-6°	-10°	TN .. 2204 ..
	C5-PTFNR-35150-22W	22	C5	63	50	35	150	131	-6°	-11°	
	C6-PTFNL-27140-22W	22	C6	50	40	27	140	115	-6°	-11°	
	C6-PTFNL-35175-22W	22	C6	63	50	35	175	152	-6°	-10°	
	C6-PTFNR-27140-22W	22	C6	50	40	27	140	115	-6°	-11°	
	C6-PTFNR-35175-22W	22	C6	63	50	35	175	152	-6°	-10°	

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 _{min} [mm]	TN .. 1604 .. 32	TN .. 1604 .. 40	TN .. 2204 .. 50-63
	Shim		AP147	AP148
	Wedge set	FK307	FK308	FK309
	Pin	RS113	RS114	RS115
	Screw	FS1156 (T9IP)	FS1156 (T9IP)	FS1158 (T15IP)
	Allen key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-4 (SW 4)

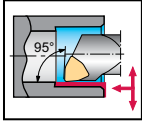
Boring bar – Rigid clamping

C...-DWLN

Walter Turn



– Walter Capto™



Tool

Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type	
C4-DWLN-13075-06		6	C4	27	20	13	75	52	-6°	-17°	WN .. 0604 ..
C4-DWLN-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 ..
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°	WN .. 0804 ..
C5-DWLN-17090-08		8	C5	33	25	17	90	66	-6°	-12°	WN .. 0804 ..
C6-DWLN-27140-10		10	C6	50	40	27	140	114	-6°	-16°	WN .. 1006 ..
C6-DWLN-27140-10		10	C6	50	40	27	140	114	-6°	-16°	WN .. 1006 ..

Walter Capto™ in acc. with ISO 26623

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 .. 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)

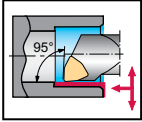
Boring bar – Lever clamping

C...-PWLN

Walter Turn



– Walter Capto™



Tool

Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type	
C3-PWLNL-13075-06		6	C3	25	20	13	75	58	-6°	-15°	WN .. 0604 ..
C3-PWLN-13075-06		6	C3	25	20	13	75	58	-6°	-15°	
C4-PWLNL-13075-06		6	C4	25	20	13	75	52	-6°	-15°	
C4-PWLNL-17090-06		6	C4	32	25	17	90	68	-6°	-12°	
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°	
C3-PWLNL-17090-08		8	C3	32	25	17	90	74	-6°	-10°	WN .. 0804 ..
C3-PWLN-17090-08		8	C3	32	25	17	90	74	-6°	-10°	
C4-PWLNL-17090-08		8	C4	32	25	17	90	69	-6°	-14°	
C4-PWLNL-22110-08		8	C4	40	32	22	110	89	-6°	-10°	
C4-PWLNL-27120-08		8	C4	50	40	27	120	100	-6°	-10°	
C4-PWLN-17090-08		8	C4	32	25	17	90	67	-6°	-10°	
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-PWLNL-17090-08		8	C5	32	25	17	90	67	-6°	-10°	
C5-PWLNL-22110-08		8	C5	40	32	22	110	88	-6°	-14°	
C5-PWLNL-27140-08		8	C5	50	40	27	140	119	-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°	
C5-PWLN-27140-08		8	C5	50	40	27	140	119	-6°	-10°	
C6-PWLNL-27140-08		8	C6	50	40	27	140	115	-6°	-10°	
C6-PWLNL-35175-08		8	C6	63	50	35	175	152	-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°	

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	FS331 (SW 2) 2 Nm	FS332 (SW 2,5) 2,5 Nm	FS2129 (SW 3) 5 Nm	FS352 (SW 3) 5 Nm
	Shim pin			RS102	RS102
	Tapered assembly pin			MD101	MD101
	Allen key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Accessories

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

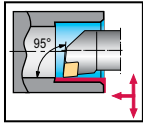
Boring bar – Screw clamping

C...-SCLC


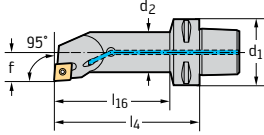
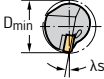
Walter Turn



– Walter Capto™







Tool

Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type	
C3-SCLCL-11065-09		9	C3	20	16	11	65	48	0°	-8,4°	CC .. 09T3 ..
C3-SCLCL-17090-09		9	C3	32	25	17	90	74	0°	-3,4°	
C3-SCLCR-11065-09		9	C3	20	16	11	65	48	0°	-8,4°	
C3-SCLCR-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°	
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-SCLCL-11070-09		9	C5	20	16	11	70	46	0°	-8,5°	CC .. 1204 ..
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°	
C5-SCLCL-35100-09		9	C5	63	50	35	100	80	0°	-4,7°	
C5-SCLCR-11070-09		9	C5	20	16	11	70	46	0°	-8,4°	
C5-SCLCR-13080-09		9	C5	25	20	13	80	56	0°	-5,8°	
C5-SCLCR-17090-09		9	C5	32	25	17	90	67	0°	-3,4°	
C5-SCLCR-35100-09		9	C5	63	50	35	100	80	0°	-4,7°	
C4-SCLCL-17090-12		12	C4	32	25	17	90	68	0°	-4,6°	
C4-SCLCR-17090-12		12	C4	32	25	17	90	68	0°	-4,6°	
C5-SCLCL-17090-12		12	C5	32	25	17	90	67	0°	-4,6°	
C5-SCLCL-22110-12		12	C5	40	32	22	110	88	0°	-9,8°	
C5-SCLCL-27140-12		12	C5	50	40	27	140	119	0°	-7,2°	
C5-SCLCR-17090-12		12	C5	32	25	17	90	67	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°	

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	Type	CC .. 09T3 .. 20–25	CC .. 09T3 .. 32	CC .. 09T3 .. 63	CC .. 1204 .. 32	CC .. 1204 .. 40–50
	Clamping screw for indexable insert Tightening torque	FS2062 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm	FS2064 (T15IP) 3 Nm	FS2065 (T15IP) 3 Nm
	Shim			AP313-CC0908		AP314-CC1212
	Screw for shim			FS2068 (SW 3,5)		FS2069 (SW 4)
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	FS1496 (T15IP)	FS1496 (T15IP)

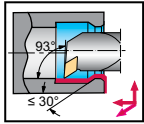
Boring bar – Screw clamping

C...-SDUC

Walter Turn



– Walter Capto™



Tool	Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type	
 Walter Capto™ in acc. with ISO 26623	C3-SDUCL-11065-07		7	C3	20	16	11	65	48	0°	-4,3°	DC .. 0702 ..
	C3-SDUCR-11065-07		7	C3	20	16	11	65	48	0°	-4,3°	
	C4-SDUCL-11070-07		7	C4	20	16	11	70	47	0°	-4,3°	
	C4-SDUCR-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°	
	C5-SDUCR-11070-07		7	C5	20	16	11	70	46	0°	-4,3°	DC .. 11T3 ..
	C3-SDUCL-13075-11		11	C3	25	20	13	75	58	0°	-5,8°	
	C3-SDUCL-17090-11		11	C3	32	25	17	90	73	0°	-3,4°	
	C3-SDUCR-13075-11		11	C3	25	20	13	75	58	0°	-5,8°	
	C3-SDUCR-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°	
	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-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°		
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°		

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)

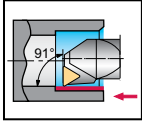
Boring bar – Screw clamping

C...-STFC

Walter Turn



– Walter Capto™



Tool

Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type	
C4-STFCL-11070-11		11	C4	20	16	11	70	47	0°	-12°	TC .. 1102 ..
C4-STFCR-11070-11		11	C4	20	16	11	70	47	0°	-12°	
C5-STFCL-11070-11		11	C5	20	16	11	70	46	0°	-12°	
C5-STFCL-13080-11		11	C5	25	20	13	80	56	0°	-10,3°	
C5-STFCR-11070-11		11	C5	20	16	11	70	46	0°	-12°	
C5-STFCR-13080-11		11	C5	25	20	13	80	56	0°	-3°	TC .. 16T3 ..
C4-STFCL-17090-16		16	C4	32	25	17	90	68	0°	-3,4°	
C4-STFCL-22110-16		16	C4	40	32	22	110	89	0°	-7,9°	
C4-STFCR-17090-16		16	C4	32	25	17	90	68	0°	-3,4°	
C4-STFCR-22110-16		16	C4	40	32	22	110	89	0°	-7,9°	
C5-STFCL-17090-16		16	C5	32	25	17	90	67	0°	-3,4°	
C5-STFCL-22110-16		16	C5	40	32	22	110	88	0°	-7,9°	
C5-STFCR-17090-16		16	C5	32	25	17	90	67	0°	-3,4°	
C5-STFCR-22110-16		16	C5	40	32	22	110	88	0°	-7,9°	

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	Type	TC .. 1102 .. 20–25	TC .. 16T3 .. 32	TC .. 16T3 .. 40
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim			AP317-TC1612
	Screw for shim			FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

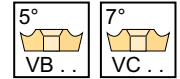
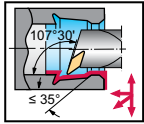
Boring bar – Screw clamping

C...-SVQB

Walter Turn



– Walter Capto™



Tool

	Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} mm	γ	λ_s	Type		
 	C3-SVQBL-13070-11		11	C3	22	16	13	70	53	0°	-6,9°	VB .. 1103 ..	
	C3-SVQBR-13070-11		11	C3	22	16	13	70	53	0°	-6,9°		
	C4-SVQBL-13070-11		11	C4	25	20	13	70	48	0°	-5,7°		
	C4-SVQBL-15080-11		11	C4	27	20	15	80	57	0°	-5°		
	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-SVQBL-15080-11		11	C5	27	20	15	80	56	0°	-5°		
	C5-SVQBR-15080-11		11	C5	27	20	15	80	56	0°	-5°		
	Walter Capto™ in acc. with ISO 26623												
	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°			
C4-SVQBR-18090-16		16	C4	33	25	18	90	68	0°	-7,2°			
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-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°			
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-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°			
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°			

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)

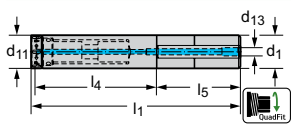
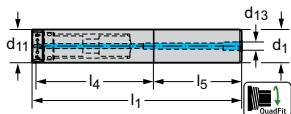
Accessories

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

Cylinder shaft adaptor – vibration damped



A3000
Accure-tec®


- For QuadFit exchangeable heads
- With preset vibration damping



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

A3000...-CS = Carbide reinforced version | Refer to the Walter online 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 25 Nm	SD9000-Q32 25 Nm	SD9000-Q40 35 Nm	SD9000-Q50 55 Nm
	Coolant adaptor for CS variant	CN3001-M8-G1/4	CN3001-M8-G1/4		

Accessories

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

Cylinder shaft adaptor – vibration damped

A3000 inch
Accure-tec®


- For QuadFit exchangeable heads
- With preset vibration damping

Tool	Designation	d ₁ inch	d ₁₁	l ₄ inch	l ₅ inch	l ₁ inch	d ₁₃	lbs
Parallel shank with clamping surface	A3000.16-Q25-133	1,000	Q25	5,250	4,000	9,430	G 1/4	4,365
	A3000.20-Q32-165	1,250	Q32	6,500	5,000	11,713	G 1/4	3,968
	A3000.20-Q32-229	1,250	Q32	9,000	5,000	14,213	G 1/4	5,071
	A3000.24-Q40-203	1,500	Q40	8,000	6,000	14,252	G 1/4	7,716
	A3000.24-Q40-279	1,500	Q40	11,000	6,000	17,252	G 1/4	9,480
	A3000.32-Q50-267	2,000	Q50	10,500	8,000	18,791	G 1/4	16,755
Parallel shank with clamping surface	A3000.16-Q25-184	1,000	Q25	7,250	4,000	11,430	G 1/4	5,357
	A3000.16-Q25-235-CS	1,000	Q25	9,250	3,000	12,430	M8X1	8,752
	A3000.20-Q32-292-CS	1,250	Q32	11,500	3,750	15,463	M8X1	13,118
	A3000.24-Q40-356	1,500	Q40	14,000	6,000	20,252	G 1/4	11,464
	A3000.32-Q50-470	2,000	Q50	18,500	8,000	26,791	G 1/4	24,692

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

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


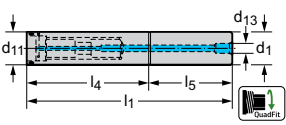
Cylinder shaft adaptor – vibration damped

A3001



Accure-tec®



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

Tool		d_1 mm	d_{11}	l_4 mm	l_5 mm	l_1 mm	d_{13}	
	Designation							
	A3001-60-QL60-301	60	QL60	301	240	541	G 3/4	12,5
	A3001-60-QL60-541	60	QL60	541	240	781	G 3/4	18,1
	A3001-80-QL80-421	80	QL80	421	320	741	G 3/4	30,2
	A3001-80-QL80-741	80	QL80	741	320	1.061	G 3/4	43,4
Cylindrical shank	A3001-100-QL100-939	100	QL100	939	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)


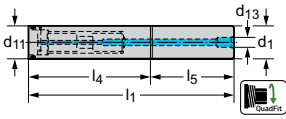
Cylinder shaft adaptor – vibration damped

A3001 inch



Accure-tec®



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

Tool		d_1 inch	d_{11}	l_4 inch	l_5 inch	l_1 inch	d_{13}	 lbs
	Designation							
	A3001.40-QL64-318	2,500	QL64	12,500	10,000	22,500	G 3/4	32,408
	A3001.40-QL64-572	2,500	QL64	22,500	10,000	32,500	G 3/4	46,738
	A3001.48-QL76-394	3,000	QL74	15,500	12,000	27,500	G 3/4	57,32
	A3001.48-QL76-699	3,000	QL74	27,500	12,000	39,500	G 3/4	83,114
Cylindrical shank	A3001.64-QL100-953	4,000	QL100	37,500	20,000	57,500	G 3/4	195,55

Refer to the 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)

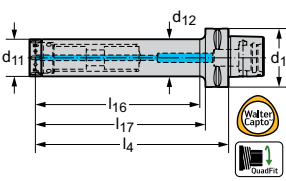
Walter Capto™ Adaptor – vibration damped

A3000-C

Accure-tec®




- For QuadFit exchangeable heads
- With preset vibration damping



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

Refer to the Walter online 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 25 Nm	SD9000-Q32 25 Nm	SD9000-Q40 35 Nm	SD9000-Q50 55 Nm

Accessories

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

Walter Capto™ Adaptor – vibration damped

A3001-C

Accure-tec®


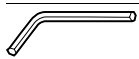


- For A2201 intermediate adaptor with QuadFit interface
- With preset vibration damping

Tool		Designation	d ₁	d ₁₁	d ₁₂ mm	l ₄ mm	l ₁₆ mm	l ₁₇ mm	kg
		A3001-C6-QL60-301	C6	QL60	60	301	273	276	7,8
		A3001-C6-QL60-421	C6	QL60	60	421	393	396	10,6
		A3001-C8-QL60-301	C8	QL60	60	301	263	268	8,6
		A3001-C8-QL60-421	C8	QL60	60	421	383	388	11,4
		A3001-C8-QL60-541	C8	QL60	60	541	503	508	14
		A3001-C8-QL80-421	C8	QL80	80	421	383	388	18,8
		A3001-C8-QL80-581	C8	QL80	80	581	543	548	25,1

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	QL60	QL80
	Threaded plug	FS2609 (SW 4)	FS2610 (SW 5)
	Allen key	ISO2936-4 (SW 4)	ISO2936-5 (SW 5)

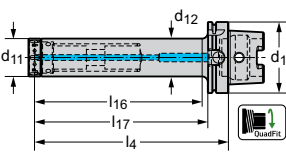
HSK-T adaptor – vibration damped

A3000-HSK-T


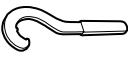

Accure-tec®



- For QuadFit exchangeable heads
- With preset vibration damping

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

Refer to the Walter online 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 25 Nm	SD9000-Q32 25 Nm	SD9000-Q40 35 Nm	SD9000-Q50 55 Nm
Accessories		d ₁₁	Q25	Q32	Q40	Q50
	Torque wrench with hook			SD4000-Q32-25 25 Nm	SD4000-Q40-35 35 Nm	SD4000-Q50-55 55 Nm
	Hook for torque wrench			SD6000-Q32 25 Nm	SD6000-Q40 35 Nm	SD6000-Q50 55 Nm


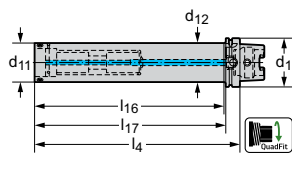
HSK-T adaptor – vibration damped

A3001-HSK-T

Accure-tec®





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

Tool		Designation	d_1	d_{11}	d_{12} mm	l_4 mm	l_{16} mm	l_{17} mm	
		A3001-H100T-QL60-301	100	QL60	60	301	267	272	8,9
		A3001-H100T-QL60-421	100	QL60	60	421	387	392	11,8
		A3001-H100T-QL80-421	100	QL80	80	421	387	392	19,4
		A3001-H100T-QL60-541	100	QL60	60	541	507	512	14,5
		A3001-H100T-QL80-581	100	QL80	80	581	547	552	26,2

HSK DIN 69893-7

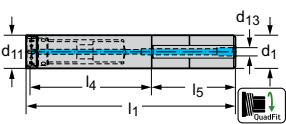
Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		d_{11}	QL60	QL80
	Threaded plug		FS2609 (SW 4)	FS2610 (SW 5)
	Allen key		ISO2936-4 (SW 4)	ISO2936-5 (SW 5)

Cylindrical shank - QuadFit



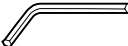
A2100 

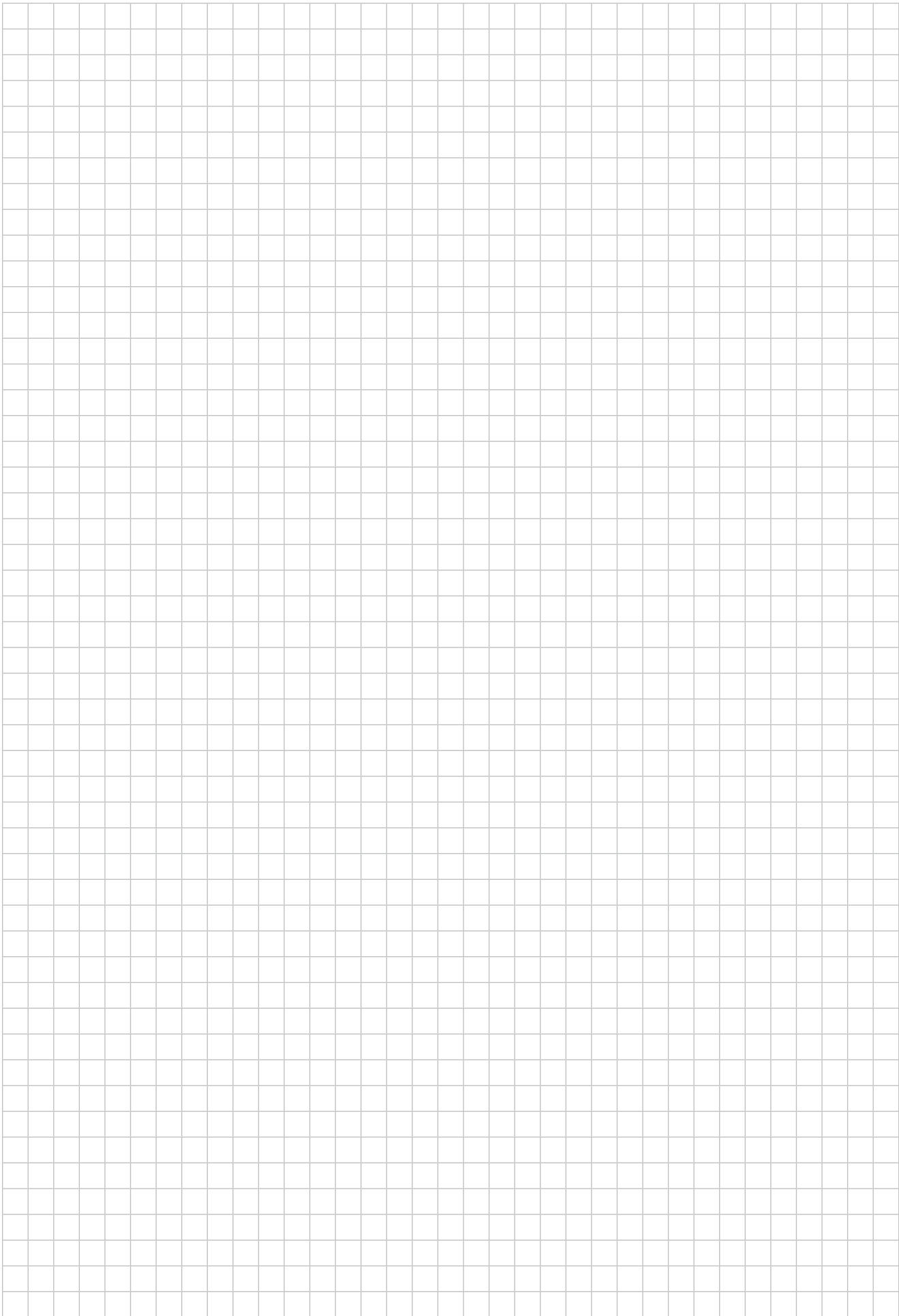
– For QuadFit exchangeable heads

Tool		d ₁ mm	d ₁₁	l ₄ mm	l ₅ mm	l ₁ mm	d ₁₃	kg
	★ A2100-40-Q40-288	40	Q40	128	160	294,4	G 1/4	2,6
	★ A2100-50-Q50-368	50	Q50	168	200	375,4	G 1/4	5,5
	★ A2100-60-QL60-421	60	QL60	181	240	421	G 3/4	8,3

Parallel shank with clamping surface

Bodies and assembly parts are included in the scope of delivery

Assembly parts		d ₁₁	Q40	Q50	QL60
	Threaded plug				FS2609 (SW 4)
	Hook wrench		SD9000-Q40 35 Nm	SD9000-Q50 55 Nm	
	Allen key				ISO2936-4 (SW 4)



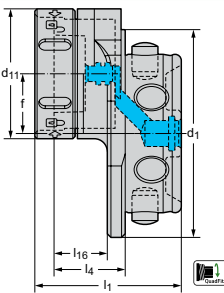
QuadFit Large Intermediate adaptors

A2201

Accure-tec®






- QuadFit
- For A3001 Accure-tec boring bars

Tool	Designation	d ₁₁	d ₁	f mm	l ₁ mm	l ₄ mm	l ₁₆ mm	kg
	A2201-QL60-05-27-Q50	Q50	QL60	5	50,4	27	21,5	0,6
	A2201-QL60-10-27-Q50	Q50	QL60	10	50,4	27	21,5	0,6
	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	0,9
	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	SD9000-Q50 55 Nm
Accessories		
	d ₁₁	Q50
	Torque wrench with hook	SD4000-Q50-55 55 Nm
	Hook for torque wrench	SD6000-Q50 55 Nm


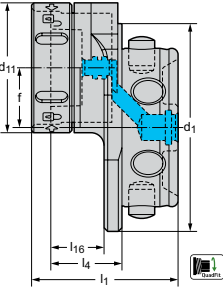
QuadFit Large Intermediate adaptors

A2201 inch

Accure-tec®


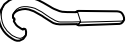



- QuadFit
- For A3001 Accure-tec boring bars

Tool	Designation	d_{11}	d_1	f inch	l_1 inch	l_4 inch	h_{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		SD9000-Q50 40,566 lbs
Accessories		d_{11}	Q50
	Torque wrench with hook		SD4000-Q50-55 40,566 lbs
	Hook for torque wrench		SD6000-Q50 40,566 lbs

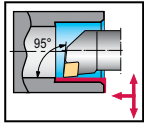
Replaceable head – rigid clamping

Q...-DCLN

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool	Designation		d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
	Q32-DCLNR-22032-12	12	Q32	40	22	32	-6°	-10°	CN .. 1204 ..
	Q40-DCLNR-27032-12	12	Q40	50	27	32	-6°	-10°	
	Q50-DCLNR-32032-12	12	Q50	63	32	32	-6°	-8°	
	Q50-DCLNR-32037-16	16	Q50	63	32	37	-5°	-14°	CN .. 1606 ..
	Q32-DCLNL-22032-12	12	Q32	40	22	32	-6°	-10°	CN .. 1204 ..
	Q40-DCLNL-27032-12	12	Q40	50	27	32	-6°	-10°	
	Q50-DCLNL-32032-12	12	Q50	63	32	32	-6°	-8°	
	Q50-DCLNL-32037-16	16	Q50	63	32	37	-5°	-14°	CN .. 1606 ..

QuadFit

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

Assembly parts		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		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	

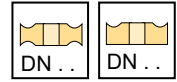
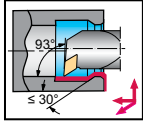
Replaceable head – rigid clamping

Q...-DDUN

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool

	Designation		d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
	Q32-DDUNR-22032-11	11	Q32	40	22	32	-6°	-10°	DN .. 1104 ..
	Q40-DDUNR-27032-11	11	Q40	50	27	32	-5°	-10°	
	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

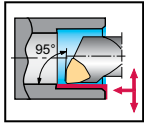
Replaceable head – rigid clamping

Q...-DWLN

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool

	Designation		d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
	Q32-DWLN-22032-06	6	Q32	40	22	32	-5°	-12°	WN .. 0604 ..
	Q32-DWLN-22035-08	8	Q32	40	22	35	-5°	-14°	WN .. 0804 ..
	Q40-DWLN-27037-08	8	Q40	50	27	37	-5°	-12°	
	Q50-DWLN-32038-08	8	Q50	63	32	38	-5°	-12°	
	Q32-DWLN-22032-06	6	Q32	40	22	32	-5°	-12°	WN .. 0604 ..
	Q32-DWLN-22035-08	8	Q32	40	22	35	-5°	-14°	WN .. 0804 ..
	Q40-DWLN-27037-08	8	Q40	50	27	37	-5°	-12°	
	Q50-DWLN-32038-08	8	Q50	63	32	38	-5°	-12°	

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online 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

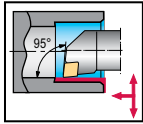
Replaceable head – screw clamping

Q...-SCLC

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool

	Designation		d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
 QuadFit	Q25-SCLCR-17020-09	9	Q25	32	17	20	0°	-3°	CC .. 09T3 ..
	Q32-SCLCR-22032-09	9	Q32	40	22	32	0°	-2°	CC .. 1204 ..
	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°	CC .. 09T3 ..
	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)

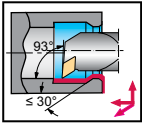
Replaceable head – screw clamping

Q...-SDUC

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool	Designation		d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
	Q25-SDUCR-17020-11	11	Q25	32	17	20	0°	-6°	DC .. 11T3 ..
	Q32-SDUCR-22032-11	11	Q32	40	22	32	0°	-5°	
	Q40-SDUCR-27032-11	11	Q40	50	27	32	0°	-5°	
	Q50-SDUCR-32032-11	11	Q50	63	32	32	0°	-5°	
	Q25-SDUCL-17020-11	11	Q25	32	17	20	0°	-6°	DC .. 11T3 ..
	Q32-SDUCL-22032-11	11	Q32	40	22	32	0°	-5°	
	Q40-SDUCL-27032-11	11	Q40	50	27	32	0°	-5°	
	Q50-SDUCL-32032-11	11	Q50	63	32	32	0°	-5°	

QuadFit

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

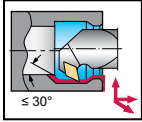
Replaceable head – screw clamping

Q...-SDUC...-X

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool

	Designation		d_1	D_{min} mm	f mm	l_4 mm	l_1 mm	X_1 mm	γ	λ_s	Type
	Q25-SDUCR-17012-11X	11	Q25	32	17	12	24,5	4,5	0°	-6°	DC .. 11T3 ..
	Q32-SDUCR-22018-11X	11	Q32	40	21,9	32	37,5	5,9	0°	-5°	
	Q40-SDUCR-27017-11X	11	Q40	50	26,9	17	40,5	6,9	0°	-5°	
	Q50-SDUCR-32017-11X	11	Q50	63	32	17	42,5	6,9	0°	-5°	
	Q25-SDUCL-17012-11X	11	Q25	32	17	12	24,5	4,5	0°	-6°	
	Q32-SDUCL-22018-11X	11	Q32	40	21,9	18	37,5	5,9	0°	-5°	DC .. 11T3 ..
	Q40-SDUCL-27017-11X	11	Q40	50	26,9	17	40,5	6,9	0°	-5°	
	Q50-SDUCL-32017-11X	11	Q50	63	32	17	42,5	6,9	0°	-5°	

QuadFit

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

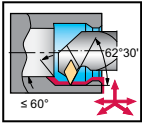
Replaceable head – screw clamping

Q...-SDXC

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool	Designation		d_1	D_{min} mm	f mm	l_4 mm	l_1 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)

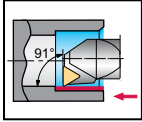
Replaceable head – screw clamping

Q...-STFC mm

Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool			d_1	D_{min} mm	f mm	l_4 mm	γ	λ_s	Type
	Q25-STFCR-17020-11	11	Q25	32	17	20	0°	-3°	TC .. 1102 ..
	Q32-STFCR-22032-16	16	Q32	40	22	32	0°	-10°	TC .. 16T3 ..
	Q40-STFCR-27032-16	16	Q40	50	27	32	0°	-8°	
	Q50-STFCR-32032-16	16	Q50	63	32	32	0°	-8°	
	Q25-STFCL-17020-11	11	Q25	32	17	20	0°	-3°	TC .. 1102 ..
	Q32-STFCL-22032-16	16	Q32	40	22	32	0°	-10°	TC .. 16T3 ..
	Q40-STFCL-27032-16	16	Q40	50	27	32	0°	-8°	
	Q50-STFCL-32032-16	16	Q50	63	32	32	0°	-8°	

QuadFit

Dimensional drawing shows right-hand version. | Measured with master insert:TC .. 110200RE=0 / TC .. 16T308 | Refer to the Walter online 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)

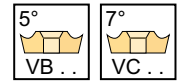
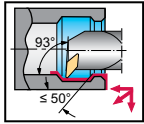
Replaceable head – screw clamping

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		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)

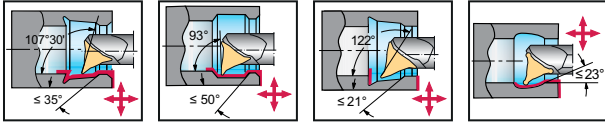
Replaceable head – Copy turning system

W1211-Q...

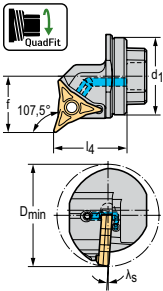
Walter Turn



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



Tool



QuadFit

Designation



d₁

D_{min}
mm

f
mm

l₄
mm

γ

λ_s

Type

W1211-Q32R-WL25	25	Q32	40	22	35	-1,8°	-3,7°	WL25..
W1211-Q40R-WL25	25	Q40	50	26,9	35	-1,8°	-3,7°	
W1211-Q50R-WL25	25	Q50	63	31,9	35	-1,8°	-3,7°	
W1211-Q32L-WL25	25	Q32	40	22	35	-1,8°	-3,7°	WL25..
W1211-Q40L-WL25	25	Q40	50	26,9	35	-1,8°	-3,7°	
W1211-Q50L-WL25	25	Q50	63	31,9	35	-1,8°	-3,7°	

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)











Indexable inserts











Designation	r mm	l _e mm	l _{e1} mm	P				M				K	S			H
				HC				HC				HC	HC			BC
				WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKP01G	WSM01	WSM10S	WSM20S
WL25-VC0702L-FM4	0,2	5,5	3,4													
WL25-VC0704LTM-3	0,4	3	3													
WL25-VC0704L-FM4	0,4	6,2	3,9													
WL25-VC0704L-FP4	0,4	6,2	3,9	☺		☺	☺									
WL25-VC0704L-MM4	0,4	6,2	3,9		☺		☺									
WL25-VC0704L-MP4	0,4	6,2	3,9			☺	☺									
WL25-VC0708LTM-3	0,8	3	3													
WL25-VC0708L-FM4	0,8	6,6	4,6													
WL25-VC0708L-FP4	0,8	6,6	4,6	☺		☺	☺									
WL25-VC0708L-MM4	0,8	6,6	4,6		☺		☺									
WL25-VC0708L-MP4	0,8	6,6	4,6			☺	☺									
WL25-VC0702R-FM4	0,2	5,5	3,4													
WL25-VC0704RTM-3	0,4	3	3													
WL25-VC0704R-FM4	0,4	6,2	3,9													
WL25-VC0704R-FP4	0,4	6,2	3,9	☺		☺	☺									
WL25-VC0704R-MM4	0,4	6,2	3,9		☺		☺									
WL25-VC0704R-MP4	0,4	6,2	3,9			☺	☺									
WL25-VC0708RTM-3	0,8	3	3													
WL25-VC0708R-FM4	0,8	6,6	4,6													
WL25-VC0708R-FP4	0,8	6,6	4,6	☺		☺	☺									
WL25-VC0708R-MM4	0,8	6,6	4,6		☺		☺									
WL25-VC0708R-MP4	0,8	6,6	4,6			☺	☺									
WL25-VC0702N-FM4	0,2	6														
WL25-VC0704NTM-3	0,4	3														
WL25-VC0704N-FM4	0,4	6,3														
WL25-VC0704N-FP4	0,4	6,3		☺		☺	☺									
WL25-VC0704N-MM4	0,4	6,3			☺		☺									
WL25-VC0704N-MP4	0,4	6,3				☺	☺									
WL25-VC0708NTM-3	0,8	3														
WL25-VC0708N-FM4	0,8	7,1														
WL25-VC0708N-FP4	0,8	7,1		☺		☺	☺									
WL25-VC0708N-MM4	0,8	7,1			☺		☺									
WL25-VC0708N-MP4	0,8	7,1				☺	☺									
WL25-VC0712N-MM4	1,2	7,4														
WL25-VC0712N-MP4	1,2	7,4				☺	☺									
WL25-VC0716N-MM4	1,6	8,7														
WL25-VC0716N-MP4	1,6	8,7				☺	☺									
WL25-RC0420NTM-3	2	3,2														
WL25-RC0420N-MU6	2	7,2														
WL25-RC0525NTM-3	2,5	5														
WL25-RC0525N-MU6	2,5	6,9														

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

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	0,8–5,56	1,57–5,0	
a _p [mm]					
f [mm]	0,02–0,15	0,05–0,12	0,02–0,28	0,04–0,25	
Page in catalogue	A 388	A 391	A 389	A 392	A 393
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	A 393	A 392	A 393	A 286	A 394
QR code					
www.walter-tools.com/woc/	AG60	ISO	-X-N	CK8	CF6

WALTER SELECT

●● Primary application ● Other application

Cutting inserts











System	DX				
Machining	Low feed		Medium feed		
	NEW 		NEW 	NEW 	NEW 
Geometry	GD3	UF8	UF7	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]	2,0–4,0	1,6–4,25	2,0–4,0	1,0–3,0	2,0–4,0
a _p [mm]		0,3–2,2	0,3–2,2		
f [mm]	0,04–0,23	0,05–0,30	0,05–0,30	0,03–0,23	0,04–0,25
Page in catalogue	A 394	A 286	A 286	A 394	A 394
QR code					
www.walter-tools.com/woc/	GD3	UF8	UF7	CF5	GD6











System	DX				
Machining	Medium feed		High feed		
	NEW 		NEW 	NEW 	
Geometry	UF4	RF7	CE4	UD4	UA4
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	1,2–3,0	2,0–4,0	2,0–4,0
a _p [mm]	0,3–2,8	0,1–2,0		0,3–2,8	0,3–2,8
f [mm]	0,10–0,33	0,08–0,48	0,03–0,33	0,10–0,33	0,08–0,38
Page in catalogue	A 396		A 394	A 396	A 396
QR code					
www.walter-tools.com/woc/	UF4	RF7	CE4	UD4	UA4

WALTER SELECT

●● Primary application ● Other application

Cutting inserts





















System	DX	GX			
Machining	High feed	Low feed			
	NEW 				
Geometry	RD4	CK8	CF6	GD8	GD3
P Steel	●●		●●	●●	●●
M Stainless steel	●	●	●●	●	●●
K Cast iron	●●			●	●
N NF metals		●●	●●	●	●
S Materials with difficult cutting properties	●	●	●●	●	●
H Hard materials					
O Other			●		●
Insert width s [mm]	2,0–3,0	2,0–4,0	1,5–3,0	1,0–1,4	2,0–6,0
a _p [mm]	0,2–1,5				
f [mm]	0,08–0,38	0,04–0,22	0,03–0,20	0,05–0,10	0,04–0,28
Page in catalogue		A 398	A 398	A 84	A 398
QR code					
www.walter-tools.com/woc/	RD4	CK8	CF6	GD8	GD3

System	GX				
Machining	Low feed				
					
Geometry	UF8	VG7	RK8	TM-1	EM-1
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]	1,6–6,0	2,8	6,0	3,0–6,0	3,0–6,0
a _p [mm]	0,3–3,2	0,2–2,5	0,1–4,0	0,05–3,0	0,05–3,0
f [mm]	0,05–0,35	0,05–0,25	0,10–0,60	0,02–0,15	0,10–0,30
Page in catalogue	A 403	A 84	A 405	A 402	A 402
QR code					
www.walter-tools.com/woc/	UF8	VG7	RK8	TM-1	EM-1

WALTER SELECT

●● Primary application ● Other application





















Cutting inserts

System	GX				
Machining	Medium feed				
					
Geometry	CF5	GD6	UD6	UF4	RF8
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]	2,0–5,0	2,0–6,0	2,0–6,0	2,0–8,0	2,0–8,0
a _p [mm]			0,3–3,5	0,3–4,0	0,1–4,0
f [mm]	0,03–0,25	0,04–0,30	0,06–0,35	0,10–0,55	0,05–0,60
Page in catalogue	A 398	A 398	A 403	A 403	A 405
QR code					
www.walter-tools.com/woc/	CF5	GD6	UD6	UF4	RF8
System	GX				
Machining	Medium feed				High feed
					
Geometry	RF7	FS-M1	FS-F1	AF5	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]	3,0–5,0	2,0–6,0	2,0–6,0	5,0	2,0–6,0
a _p [mm]	0,1–2,5	0,1–3,0		0,5	
f [mm]	0,10–0,53	0,05–0,50	0,04–0,28	0,15–0,30	0,04–0,40
Page in catalogue	A 405	A 407	A 402	A 84	A 398
QR code					
www.walter-tools.com/woc/	RF7	FS-M1	FS-F1	AF5	CE4

WALTER SELECT






●● Primary application ● Other application

Cutting inserts

System	GX				SX
Machining	High feed				Low feed
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]	2,0–8,0	2,0–6,0	2,0–8,0	4,8–10,3	2,0–5,0
a _p [mm]	0,3–4,0	0,3–3,5	0,2–4,0		
f [mm]	0,10–0,40	0,08–0,40	0,08–0,80		0,04–0,25
Page in catalogue	A 403	A 403	A 405	A 409	A 410
QR code					
www.walter-tools.com/woc/	UD4	UA4	RD4	-X-N	CK8
System	SX				
Machining	Low feed		Medium feed		
Geometry					
	CF6	SK8	CF5	UF4	SF5
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]	2,0–3,0	1,5–5,0	1,5–6,0	8,0	1,5–5,0
a _p [mm]				0,9–4,0	
f [mm]	0,03–0,20	0,03–0,25	0,03–0,30	0,18–0,55	0,03–0,25
Page in catalogue	A 410	A 411	A 410	A 411	A 411
QR code					
www.walter-tools.com/woc/	CF6	SK8	CF5	UF4	SF5

WALTER SELECT

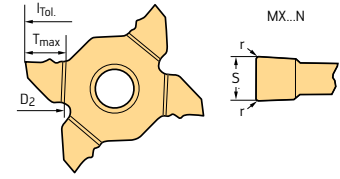
●● Primary application ● Other application

Cutting inserts		
System	SX	UX
Machining	High feed	
	 	
Geometry	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]	1,5–10,0	12,0–19,0
a_p [mm]		
f [mm]	0,03–0,60	0,20–0,60
Page in catalogue	A 410	A 412
QR code		
www.walter-tools.com/woc/	CE4	GD2


Grooving and parting off – cutting inserts

MX

Tiger-tec® Silver



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
 MX22-2E050N01-GD8	0,5	0,1	2,5	130	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	☺	☺	☺
MX22-2E275N02-GD8	2,75	0,2	6	100	0,04-0,14	±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	☺	☺	☺

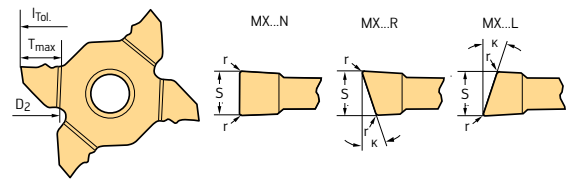
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23S: MX22-2E050N01-GD8 WSM23S

HC = Coated carbide

Grooving and parting off – cutting inserts

MX

Tiger-tec® Silver



A2

Cutting inserts

Designation	s mm	r mm	κ	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	I _{Tol} mm	P		M		S	
									HC		HC		HC	
									WSM235	WSM135	WSM235	WSM135	WSM235	WSM135
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	☺	☺	☺	☺	☺	☺
MX22-4E525N02-CF5	5,25	0,2		6	100	0,10-0,25	±0,02	±0,03	☺	☺	☺	☺	☺	☺
MX22-4E556N02-CF5	5,56	0,2		6	100	0,10-0,28	±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	☺	☺	☺	☺	☺	☺

Ordering example for the grade WSM235: MX22-2E080N01-CF5 WSM235

HC = Coated carbide

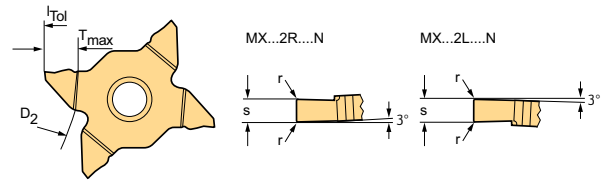
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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



Grooving and parting off 3° – cutting inserts

MX

Tiger-tec® Silver



Cutting inserts

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

h_{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 WSM23S: MX22-2R150N01-GD8 WSM23S

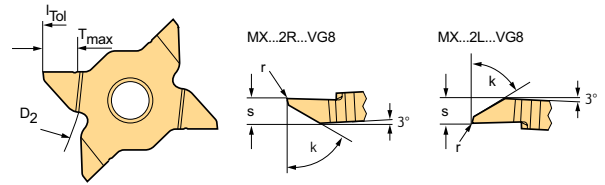
HC = Coated carbide

Grooving and recessing 3° – Cutting inserts



MX

Tiger-tec® Silver

A2



Cutting inserts

Designation	s mm	r mm	κ	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	h _{Tol} mm	P	M	S
									WSM23S HC	WSM23S HC	WSM23S HC
 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	☺	☺	☺

h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23S: MX22-2R280R01-VG8 WSM23S

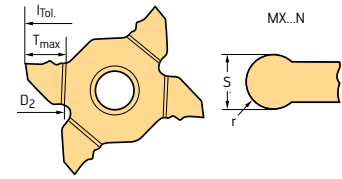
HC = Coated carbide

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


Grooving and copy turning – cutting inserts

MX

Tiger-tec® Silver



Cutting inserts

Designation	s mm	r mm	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	l _{Tol} mm	Material				
								P		M		S
								HC	HC	HC	HC	HC
								WSM23S	WSM13S	WSM23S	WSM13S	WSM23S
 MX22-2E157N08-RF5	1,57	0,8	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	1,6	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	☺	☺	☺	☺	☺

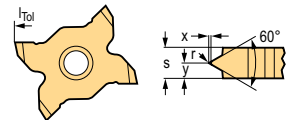
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23S: MX22-2E157N08-RF5 WSM23S

HC = Coated carbide


External thread – Full profile – Cutting inserts

MX

Tiger-tec® Silver



Indexable inserts

Designation	P mm	s mm	r mm	X mm	Y mm	Material		
						P	M	S
						HC	HC	HC
						WSM23S	WSM23S	WSM23S
 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	☺	☺	☺

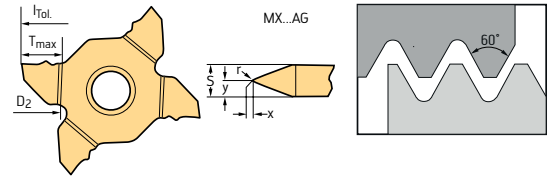
Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23S: MX22-2E-EN1.00ISO WSM23S

HC = Coated carbide


External thread – 60° partial profile – cutting inserts

MX

Tiger-tec® Silver



Indexable inserts

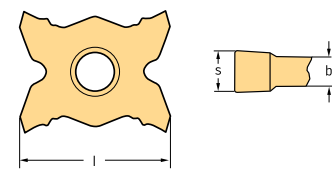
Designation	P mm	Pitch (P) in	s mm	r mm	X mm	Y mm	P		M		S	
							WSM235	WSM335	WSM235	WSM335	WSM235	WSM335
 MX22-2E-EN-A60 MX22-4E-EN-AG60	0,5-1,5	48-16	3,35	0,05	0,05	1,68	☺	☺	☺	☺	☺	☺
	0,5-3	48-8	5,65	0,08	0,08	2,83	☺	☺	☺	☺	☺	☺

r_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0,05 mm
 Ordering example for the grade WSM235: MX22-2E-EN-A60 WSM235


HC = Coated carbide

Semi-finished blanks for special shapes

MX



Cutting inserts

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

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

Grooving and parting off – cutting inserts

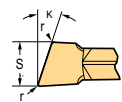
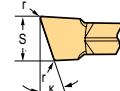
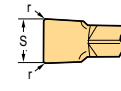
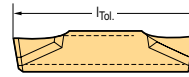
DX

Tiger-tec® Gold

DX...N

DX...R

DX...L



Cutting inserts

Designation	s mm	r mm	κ	l mm	f mm	s _{Tol} mm	l _{Tol} mm	P				M				K	N	S		
								WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WN13	WSM23S	WSM33G
	DX18-1E150N01-CK8	1,5	0,15		18	0,04-0,10	±0,05	±0,15												
	DX18-2E200N02-CK8	2	0,2		18	0,04-0,12	±0,05	±0,15												
	DX18-3E300N02-CK8	3	0,2		18	0,08-0,20	±0,03	±0,15												
	DX18-4E400N02-CK8	4	0,2		18	0,10-0,22	±0,03	±0,15												
	DX18-2E200R7-CK8	2	0	7	18	0,04-0,10	±0,05	±0,15												
	DX18-2E200L7-CK8	2	0	7	18	0,04-0,10	±0,05	±0,15												
	DX18-1E100N01-CF6	1	0,1		18	0,03-0,08	±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	0,04-0,23	±0,05	±0,15												
	DX18-1E150R10-CF6	1,5	0	10	18	0,03-0,10	±0,05	±0,15												
	DX18-2E200R6-CF6	2	0,2	6	18	0,03-0,12	±0,05	±0,15												
	DX18-2E250R6-CF6	2,5	0,2	6	18	0,03-0,15	±0,05	±0,15												
	DX18-3E300R6-CF6	3	0,2	6	18	0,04-0,19	±0,05	±0,15												
	DX18-2E200R15-CF6	2	0	15	18,3	0,03-0,13	±0,05	±0,15												
DX18-3E300R15-CF6	3	0	15	18,8	0,04-0,13	±0,05	±0,15													
	DX18-1E150L10-CF6	1,5	0	10	18	0,03-0,10	±0,05	±0,15												
	DX18-2E200L6-CF6	2	0,2	6	18	0,03-0,12	±0,05	±0,15												
	DX18-2E250L6-CF6	2,5	0,2	6	18	0,03-0,15	±0,05	±0,15												
	DX18-3E300L6-CF6	3	0,2	6	18	0,04-0,19	±0,05	±0,15												
	DX18-2E200L15-CF6	2	0	15	18,3	0,03-0,13	±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	0,05-0,18	±0,05	±0,15												
DX18-3E300N02-CF5	3	0,2		18	0,08-0,23	±0,05	±0,15													
	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	0,04-0,19	±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												

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

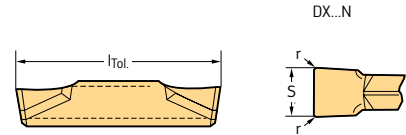
HC = Coated carbide
 HF = Uncoated fine-grained carbide

Grooving and recessing – 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			
								WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WKP13S	WKP23S	WKP33S	WSM33G	WSM33S	WSM23S
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	☺				☺								☺			
DX18-2E225N01-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	☺				☺								☺			
DX18-3E318N02-UF8	3,18	0,2	18	0,07-0,24	0,4-1,5	±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	0,09-0,30	0,5-2,2	±0,02	±0,15	☺				☺								☺			
DX18-4E425N02-UF8	4,25	0,2	18	0,09-0,30	0,5-2,2	±0,02	±0,15	☺				☺								☺			
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	0,10-0,23	0,4-2,0	±0,05	±0,15	☺	☺	☹	☹	☺	☹	☹	☹	☺				☺	☹	☹	☹
DX18-4E400N02-UF4	4	0,2	18,5	0,10-0,33	0,3-2,8	±0,05	±0,15			☹	☹			☹	☹							☹	☹
DX18-4E400N04-UF4	4	0,4	18,5	0,10-0,33	0,5-2,8	±0,05	±0,15	☺		☹	☹			☹	☹	☺						☹	☹
DX18-4E400N08-UF4	4	0,8	18,5	0,10-0,33	0,9-2,8	±0,05	±0,15	☺		☹	☹			☹	☹	☺						☹	☹
DX18-4F400N04-UF4	4	0,4	18,5	0,10-0,33	0,5-2,8	±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	0,10-0,23	0,4-2,0	±0,05	±0,15	☹	☹	☹	☹			☹	☹					☹	☹	☹	☹
DX18-4E400N04-UD4	4	0,4	18,5	0,10-0,33	0,5-2,8	±0,05	±0,15	☹		☹	☹			☹	☹					☹		☹	☹
DX18-4E400N08-UD4	4	0,8	18,5	0,10-0,33	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 WSM23S: DX18-1E160N01-UF8 WSM23S

HC = Coated carbide

WALTER SELECT

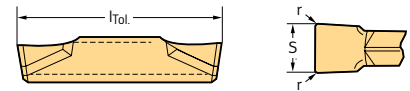
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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 HC				M HC				K HC				S HC					
								WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WKP13S	WKP23S	WKP33S	WSM33G	WSM33S	WSM23S	WSM33G	WSM33S	WSM43S				
 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	0,10–0,25	0,4–2,0	±0,05	±0,15									☺	☺								
DX18-4E400N04-UA4	4	0,4	18,5	0,10–0,38	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 WSM23S: DX18-1E160N01-UF8 WSM23S

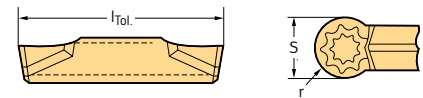
HC = Coated carbide

Grooving and copy turning – 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 HC				M HC				K HC	S HC							
								WSM13S	WKP23S	WSM23S	WSM33G	WSM33S	WSM13S	WSM23S	WSM33G	WSM33S	WKP23S	WSM13S	WSM23S	WSM33G	WSM33S			
 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	0,10–0,38	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
 Ordering example for the grade WSM13S: DX18-2E200N10-RF7 WSM13S

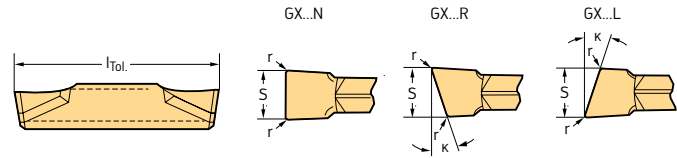
HC = Coated carbide

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

Grooving and parting off – cutting inserts

GX
Tiger-tec® Silver

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	
								WKP23S	WSM23S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33S
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	0.03-0.10	±0.02	±0.05		☹									
GX16-1E200N02-CF6	2	0.2		16.6	0.03-0.12	±0.05	±0.15		☹	☹							☹	
GX24-1E200N02-CF6	2	0.2		24	0.03-0.12	±0.05	±0.15		☹	☹							☹	
GX16-1E250N02-CF6	2.5	0.2		16.6	0.03-0.15	±0.05	±0.15		☹	☹							☹	
GX16-2E300N02-CF6	3	0.2		16.6	0.04-0.20	±0.05	±0.15		☹	☹							☹	
GX24-2E300N02-CF6	3	0.2		24.6	0.04-0.20	±0.05	±0.15		☹	☹							☹	
GX16-0E150R10-CF6	1.5	0.15	10	16.6	0.03-0.10	±0.05	±0.05		☹	☹							☹	
GX16-1E200R6-CF6	2	0.2	6	16.6	0.03-0.10	±0.05	±0.15		☹	☹							☹	
GX16-1E200R15-CF6	2	0	15	16.2	0.03-0.10	±0.05	±0.15		☹	☹							☹	
GX16-1E250R6-CF6	2.5	0.2	6	16.6	0.03-0.12	±0.05	±0.15		☹	☹							☹	
GX16-2E300R6-CF6	3	0.2	6	16.6	0.04-0.16	±0.05	±0.15		☹	☹							☹	
GX24-2E300R6-CF6	3	0.2	6	24.6	0.04-0.16	±0.05	±0.15		☹	☹							☹	
GX16-2E300R15-CF6	3	0	15	16.2	0.04-0.13	±0.05	±0.15		☹	☹							☹	
GX24-2E300L6-CF6	3	0.2	6	24.6	0.04-0.16	±0.05	±0.15		☹	☹							☹	
GX16-1E200N02-CF5	2	0.2		16.6	0.04-0.12	±0.05	±0.15		☹	☹	☹	☹					☹	
GX24-1E200N02-CF5	2	0.2		24	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		☹	☹							☹	
GX24-1E250N02-CF5	2.5	0.2		24	0.05-0.15	±0.05	±0.15		☹	☹							☹	
GX24-3E300N00-CF5	3	0		24.6	0.04-0.16	±0.02	±0.05		☹	☹							☹	
GX16-2E300N02-CF5	3	0.2		16.6	0.08-0.20	±0.05	±0.15		☹	☹	☹	☹					☹	
GX24-2E300N02-CF5	3	0.2		24	0.08-0.20	±0.05	±0.15		☹	☹	☹	☹					☹	
GX34-2E300N03-CF5	3	0.3		34	0.08-0.20	±0.05	±0.15		☹	☹	☹	☹					☹	
GX24-3E400N02-CF5	4	0.2		24	0.10-0.22	±0.05	±0.15		☹	☹	☹	☹					☹	
GX34-3E400N04-CF5	4	0.4		34	0.10-0.22	±0.05	±0.15		☹	☹	☹	☹					☹	
GX24-3E500N03-CF5	5	0.3		24	0.10-0.25	±0.05	±0.15		☹	☹	☹	☹					☹	
GX16-1E200R6-CF5	2	0.2	6	16.6	0.03-0.10	±0.05	±0.15		☹	☹							☹	
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		☹	☹							☹	
GX16-1E250R6-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		☹	☹							☹	
GX24-2E300R6-CF5	3	0.2	6	24.6	0.04-0.16	±0.05	±0.15		☹	☹							☹	
GX34-2E300R6-CF5	3	0.3	6	34	0.04-0.16	±0.05	±0.15		☹	☹							☹	
GX16-2E300R15-CF5	3	0	15	16.6	0.04-0.13	±0.05	±0.15		☹	☹							☹	
GX24-3E400R6-CF5	4	0.2	6	24.6	0.10-0.18	±0.05	±0.15		☹	☹							☹	
GX24-2E300L6-CF5	3	0.2	6	24.6	0.04-0.16	±0.05	±0.15		☹	☹							☹	
GX34-2E300L6-CF5	3	0.3	6	34	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		☹	☹							☹	

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

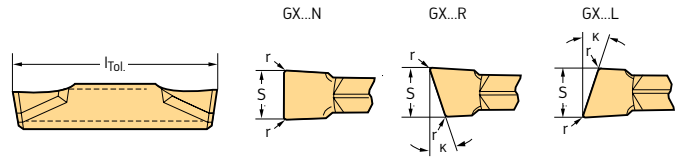
WALTER SELECT

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

Grooving and parting off – cutting inserts

GX

Tiger-tec® Silver



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	HW	HC		
								WKP23S	WSM23S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP23S	WK1
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		☺	☺	☺	☺			☺	☺
GX24-1E200N02-CE4	2	0.2		24	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		☺	☺	☺	☺			☺	☺
GX24-1E250N02-CE4	2.5	0.2		24	0.07-0.18	±0.05	±0.15	☺	☺	☺	☺	☺			☺	☺
GX16-2E300N02-CE4	3	0.2		16.6	0.09-0.30	±0.05	±0.15		☺	☺	☺	☺			☺	☺
GX24-2E300N02-CE4	3	0.2		24	0.09-0.30	±0.05	±0.15	☺	☺	☺	☺	☺			☺	☺
GX34-2E300N03-CE4	3	0.3		34	0.09-0.30	±0.05	±0.15	☺	☺	☺	☺	☺			☺	☺
GX24-3E400N03-CE4	4	0.3		24	0.10-0.32	±0.05	±0.15	☺	☺	☺	☺	☺			☺	☺
GX34-3E400N04-CE4	4	0.4		34	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	☺	☺	☺	☺	☺			☺	☺
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	☺	☺	☺	☺	☺			☺	☺
GX34-2E300R6-CE4	3	0.3	6	34	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		☺	☺	☺	☺			☺	☺
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	☺	☺	☺	☺	☺			☺	☺
GX34-2E300L6-CE4	3	0.3	6	34	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		☺	☺	☺	☺			☺	☺
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	☺	☺	☺	☺	☺			☺	☺
GX16-1E200N02-GD3	2	0.2		16	0.04-0.12	±0.02	±0.02	☺	☺	☺	☺	☺			☺	☺
GX09-1E250N02-GD3	2.5	0.2		9	0.04-0.14	±0.02	±0.02	☺	☺	☺	☺	☺			☺	☺
GX16-1E250N02-GD3	2.5	0.2		16	0.04-0.14	±0.02	±0.02	☺	☺	☺	☺	☺			☺	☺
GX09-2E300N03-GD3	3	0.3		9	0.06-0.18	±0.02	±0.02	☺	☺	☺	☺	☺			☺	☺
GX16-2E300N03-GD3	3	0.3		16	0.06-0.18	±0.02	±0.02	☺	☺	☺	☺	☺			☺	☺
GX24-2E300N03-GD3	3	0.3		24	0.06-0.18	±0.05	±0.15	☺	☺	☺	☺	☺			☺	☺
GX16-3E400N04-GD3	4	0.4		16	0.10-0.20	±0.02	±0.02	☺	☺	☺	☺	☺			☺	☺
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	☺	☺	☺	☺	☺			☺	☺

h_{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

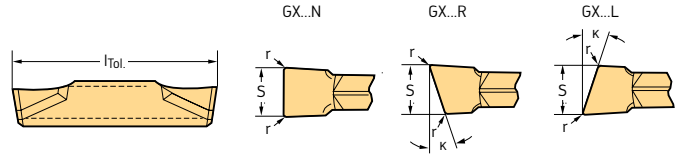
HW = Uncoated carbide

Grooving and parting off – cutting inserts

GX

Tiger-tec® Silver

A2



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		
								WKP23S	WSM23S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33S	WSM43S	WKP23S	WK1	WSM23S
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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GX24-2E300N03-GD6	3	0,3		24	0,08–0,18	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GX34-2E300N03-GD6	3	0,3		34	0,08–0,20	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GX16-3E400N04-GD6	4	0,4		16	0,10–0,22	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GX24-3E400N04-GD6	4	0,4		24	0,10–0,22	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
GX34-3E400N04-GD6	4	0,4		34	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	

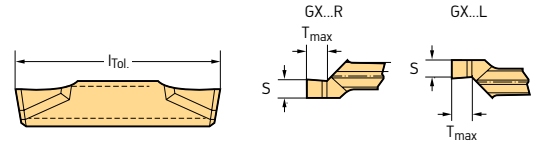
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Parting off with diameters up to 32 mm is possible with GX16 inserts (l = 16.6 mm)
 Ordering example for the grade WK1: GX16-1E200N02-CK8 WK1

HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts



GX

Tiger-tec® Silver



A2

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	
								WSM23S	WSM23S	WSM23S	
	GX09-1E100R00-GD8	1	0	1,14	9	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX16-2E100R00-GD8	1	0	1,14	16	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX09-1E120R00-GD8	1,2	0	1,34	9	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX16-2E120R00-GD8	1,2	0	1,34	16	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX09-1E140R00-GD8	1,4	0	1,53	9	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX16-2E140R00-GD8	1,4	0	1,53	16	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX09-1E100L00-GD8	1	0	1,14	9	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX16-2E100L00-GD8	1	0	1,14	16	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX09-1E120L00-GD8	1,2	0	1,34	9	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX16-2E120L00-GD8	1,2	0	1,34	16	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX09-1E140L00-GD8	1,4	0	1,53	9	0,05-0,10	±0,02	±0,02	☺	☺	☺
	GX16-2E140L00-GD8	1,4	0	1,53	16	0,05-0,10	±0,02	±0,02	☺	☺	☺

h_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23S: GX09-1E100R00-GD8 WSM23S

HC = Coated carbide

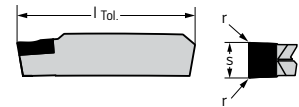
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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



CBN – grooving and parting off

GX

A2



Cutting inserts

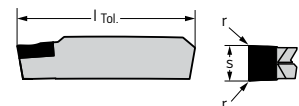
Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	S	H
							BH	BL
							WBS10	WBH20
 GX24-2F300N02EM-1 GX24-3F400N02EM-1 GX24-3F500N04EM-1 GX24-4F600N04EM-1	3	0,2	24	0,10–0,15	±0,02	±0,03	☺	
	4	0,2	24	0,10–0,20	±0,02	±0,03	☺	
	5	0,4	24	0,10–0,25	±0,02	±0,03	☺	
	6	0,4	24	0,10–0,30	±0,02	±0,03	☺	
 GX24-2F300N02TM-1 GX24-3F400N02TM-1 GX24-3F500N04TM-1 GX24-4F600N04TM-1	3	0,2	24	0,02–0,10	±0,02	±0,03		☹
	4	0,2	24	0,02–0,12	±0,02	±0,03		☹
	5	0,4	24	0,02–0,14	±0,02	±0,03		☹
	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
							WDN10	WDN10
 GX16-1F200N02FS-F1 GX24-2F300N02FS-F1 GX24-3F400N02FS-F1 GX24-3F500N02FS-F1 GX24-4F600N02FS-F1	2	0,2	16	0,04–0,12	±0,02	±0,02	☺	☺
	3	0,2	24	0,05–0,16	±0,02	±0,02	☺	☺
	4	0,2	24	0,06–0,22	±0,02	±0,02	☺	☺
	5	0,2	24	0,06–0,25	±0,02	±0,02	☺	☺
	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

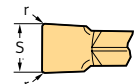
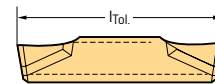
Grooving and recessing – cutting inserts

GX

Tiger-tec® 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	
								HC				HC			HC			HC	
								WKP23S	WSM23S	WKP33S	WSM33S	WKP43S	WSM43S	WKP13S	WKP23S	WKP33S	WSM23S	WSM33S	WSM43S
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	☺	☺			☺						☺	
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	☺	☺	☺	☺							☺	☺

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: GX09-0E170N01-UF8 WSM23S

HC = Coated carbide

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

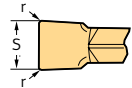
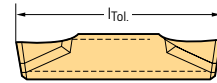
☺ ☹ ☹ / * = New addition to the product range

Grooving and recessing – cutting inserts






GX

Tiger-tec® Silver

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	
								WC	HC	WC	HC	WC	HC	WC	HC	WC	HC		
 GX24-4E600N08-UF4 GX24-4E635N05-UF4 GX30-5E800N08-UF4	6	0,8	24	0,14-0,40	0,9-3,5	±0,05	±0,15	⊕			⊕								⊕
	6,35	0,5	24	0,14-0,4	0,6-3,5	±0,05	±0,15				⊕								⊕
	8	0,8	30	0,18-0,55	0,9-4,0	±0,05	±0,15				⊕								⊕
 GX24-2F300N03-UF4 GX24-3F400N04-UF4 GX24-3F500N04-UF4 GX24-4F600N05-UF4	3	0,3	24	0,10-0,20	0,4-2,0	±0,05	±0,15				⊕								⊕
	4	0,4	24	0,10-0,30	0,5-2,8	±0,05	±0,15				⊕								⊕
	5	0,4	24	0,12-0,35	0,5-3,0	±0,05	±0,15				⊕								⊕
	6	0,5	24	0,14-0,40	0,6-3,5	±0,05	±0,15				⊕								⊕
 GX16-1E200N02-UD6 GX16-2E300N03-UD6 GX24-2E300N03-UD6 GX24-3E400N04-UD6 GX24-3E500N04-UD6 GX24-4E600N05-UD6	2	0,2	16	0,06-0,15	0,3-1,2	±0,05	±0,15				⊕								⊕
	3	0,3	16	0,10-0,20	0,4-2,0	±0,05	±0,15				⊕								⊕
	3	0,3	24	0,10-0,20	0,4-2,0	±0,05	±0,15		⊕		⊕								⊕
	4	0,4	24	0,12-0,25	0,5-2,8	±0,05	±0,15		⊕		⊕								⊕
	5	0,4	24	0,12-0,30	0,5-3,0	±0,05	±0,15		⊕		⊕								⊕
	6	0,5	24	0,14-0,35	0,6-3,5	±0,05	±0,15				⊕								⊕
 GX16-1E200N02-UD4 GX16-2E300N03-UD4 GX16-3E400N04-UD4 GX24-2E300N03-UD4 GX24-2E318N03-UD4 GX24-3E400N04-UD4 GX24-3E400N08-UD4 GX24-3E500N04-UD4 GX24-3E500N08-UD4 GX24-4E600N05-UD4 GX24-4E600N08-UD4 GX30-5E800N08-UD4 GX30-5E800N12-UD4	2	0,2	16	0,10-0,15	0,3-1,2	±0,05	±0,15	⊕			⊕								⊕
	3	0,3	16	0,10-0,20	0,4-2,0	±0,05	±0,15	⊕			⊕								⊕
	4	0,4	16	0,10-0,30	0,5-2,8	±0,05	±0,15	⊕			⊕								⊕
	3	0,3	24	0,10-0,20	0,4-2,0	±0,05	±0,15	⊕	⊕		⊕								⊕
	3,18	0,3	24	0,10-0,20	0,4-2,0	±0,05	±0,15	⊕	⊕		⊕								⊕
	4	0,4	24	0,10-0,30	0,5-2,8	±0,05	±0,15	⊕	⊕		⊕								⊕
	4	0,8	24	0,10-0,30	0,9-2,8	±0,05	±0,15	⊕	⊕		⊕								⊕
	5	0,4	24	0,12-0,35	0,5-3,0	±0,05	±0,15	⊕	⊕		⊕								⊕
	5	0,8	24	0,12-0,35	0,9-3,0	±0,05	±0,15	⊕	⊕		⊕								⊕
	6	0,5	24	0,14-0,40	0,6-3,5	±0,05	±0,15	⊕	⊕		⊕								⊕
6	0,8	24	0,14-0,40	0,9-3,5	±0,05	±0,15	⊕	⊕		⊕								⊕	
8	0,8	30	0,14-0,40	0,9-4,0	±0,05	±0,15	⊕	⊕		⊕								⊕	
8	1,2	30	0,14-0,40	1,3-4,0	±0,05	±0,15				⊕								⊕	
 GX16-1E200N02-UA4 GX16-2E300N03-UA4 GX16-3E400N04-UA4 GX24-2E300N03-UA4 GX24-3E400N04-UA4 GX24-3E500N04-UA4 GX24-4E600N05-UA4	2	0,2	16	0,08-0,15	0,3-1,2	±0,05	±0,15							⊕					
	3	0,3	16	0,10-0,22	0,4-2,0	±0,05	±0,15							⊕					
	4	0,4	16	0,10-0,35	0,5-2,8	±0,05	±0,15							⊕					
	3	0,3	24	0,10-0,22	0,4-2,0	±0,05	±0,15							⊕					
	4	0,4	24	0,10-0,35	0,5-2,8	±0,05	±0,15							⊕					
	5	0,4	24	0,12-0,35	0,5-3,0	±0,05	±0,15							⊕					
6	0,5	24	0,14-0,40	0,6-3,5	±0,05	±0,15							⊕						

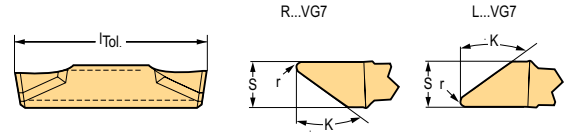
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM23S: GX09-0E170N01-UF8 WSM23S

HC = Coated carbide




Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver



Cutting inserts

Designation	s mm	r mm	κ	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P		M		S	
									HC	WSM235	WSM335	HC	WSM235	WSM335
 GX24-2E280R02-VG7  GX24-2E280R04-VG7	2,8	0,2	50	24	0,05–0,12	0,2–2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺
	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	0,2–0,0	±0,05	±0,15	☺		☺		☺	

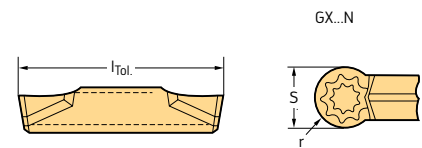
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM235: GX24-2E280R02-VG7 WSM235

HC = Coated carbide





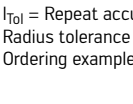


Grooving and copy turning – cutting inserts

GX

Tiger-tec® Silver



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	WSM135	WSM235	WSM335	HC	HW	HC	WSM135
 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

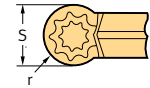
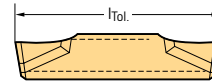
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Grooving and copy turning – cutting inserts

GX

Tiger-tec® Silver

GX...N



Cutting inserts

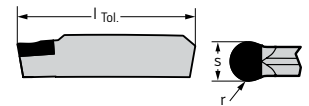
Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M			K	N	S			
								HC				HC			HC	HW	HC			
								WSM13S	WKP23S	WSM23S	WSM33S	WSM13S	WSM23S	WSM33S	WKP23S	WK1	WSM13S	WSM23S	WSM33S	
 GX24-2E300N15-RF7 GX24-3E400N20-RF7 GX24-3E500N25-RF7	3	1,5	24	0,10-0,33	0,1-1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	4	2	24	0,12-0,48	0,1-2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	5	2,5	24	0,12-0,53	0,1-2,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
 GX24-2F300N15-RF7 GX24-3F400N20-RF7 GX24-3F500N25-RF7	3	1,5	24	0,10-0,33	0,1-1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	4	2	24	0,12-0,48	0,1-2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	5	2,5	24	0,12-0,53	0,1-2,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
 GX16-1E200N10-RD4 GX16-1E239N12-RD4 GX16-2E300N15-RD4 GX24-2E300N15-RD4 GX24-2E318N16-RD4 GX24-3E400N20-RD4 GX24-3E475N24-RD4 GX24-3E500N25-RD4 GX24-4E600N30-RD4 GX24-4E635N32-RD4 GX30-5E800N40-RD4	2	1	16	0,08-0,25	0,2-1,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	2,39	1,2	16	0,08-0,25	0,2-1	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	3	1,5	16	0,10-0,35	0,5-1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	3	1,5	24	0,10-0,35	0,5-1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	3,18	1,59	24	0,10-0,35	0,5-1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	4	2	24	0,15-0,50	0,5-2,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	4,75	2,38	24	0,17-0,6	0,5-2,3	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	5	2,5	24	0,17-0,60	0,5-2,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	6	3	24	0,17-0,70	0,5-3,0	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	6,35	3,18	24	0,17-0,7	0,5-3	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
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 batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WK1: GX24-4R300N-RK8 WK1



HC = Coated carbide
 HW = Uncoated carbide

CBN – grooving and copy turning

GX



Cutting inserts

Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	S	H	
							BH	BL	
							WBS10	WBH20	
	GX24-2F300N15EM-1	3	1,5	24	0,10-0,15	±0,02	±0,03	☺	
	GX24-3F400N20EM-1	4	2	24	0,10-0,20	±0,02	±0,03	☺	
	GX24-3F500N25EM-1	5	2,5	24	0,10-0,25	±0,02	±0,03	☺	
	GX24-4F600N30EM-1	6	3	24	0,10-0,30	±0,02	±0,03	☺	
	GX24-2F300N15TM-1	3	1,5	24	0,02-0,10	±0,02	±0,03		☺
	GX24-3F400N20TM-1	4	2	24	0,02-0,12	±0,02	±0,03		☺
	GX24-3F500N25TM-1	5	2,5	24	0,02-0,14	±0,02	±0,03		☺
	GX24-4F600N30TM-1	6	3	24	0,02-0,15	±0,02	±0,03		☺

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

Radius tolerance r_{Tol} = ±0.05 mm

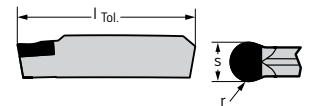
Ordering example for the grade WBS10: GX24-2F300N15EM-1 WBS10

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	l _{Tol} mm	N	O	
							DP	DP	
							WDN10	WDN10	
	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

WALTER SELECT

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

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

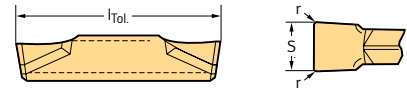
Cutting inserts A 407

Axial grooving – cutting inserts





GX

Tiger-tec® Silver

GX...N



Cutting inserts

Designation	s mm	r mm	f mm	S _{Tol} mm	l _{Tol} mm	P		M		K		S	
						HC	WKP235	HC	WSM335	HC	WKP235	HC	WSM335
 GX24-3E500R04-AF5	5	0,4	0,15-0,30	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺
 GX24-3E500L04-AF5	5	0,4	0,15-0,30	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺
 GX24-3F500R04-AF5	5	0,4	0,15-0,30	±0,05	±0,15	☹	☹	☹	☹	☹	☹	☹	☹
 GX24-3F500L04-AF5	5	0,4	0,15-0,30	±0,05	±0,15	☹	☹	☹	☹	☹	☹	☹	☹


When using the GX24-...R...-AF5 cutting insert, the G1111...R tool should be used
 When using the GX24-...L...-AF5 cutting insert, the G1111...L tool should be used
 Ordering example for the grade WKP235: GX24-3E500R04-AF5 WKP235

HC = Coated carbide

Semi-finished blanks for special shapes GX



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	☹	☹	☹
GX24-5E10.30N	10,3	24,6	☹	☹	☹

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

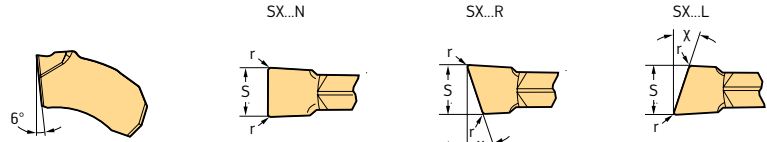
HW = Uncoated carbide

Grooving and parting off – cutting inserts

SX

Tiger-tec® Gold

A2



Cutting inserts

Designation	s mm	r mm	k	f mm	S _{Tol} mm	h _{Tol} mm	P				M				K		N		S				
							HC				HC				HC		HW		HC				
							WKP235	WSM235	WSM33G	WSM33S	WSM43S	WSM235	WSM33G	WSM33S	WSM43S	WKP235	WK1	WSM235	WSM33G	WSM33S	WSM43S		
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		0,03–0,12	±0,05	±0,1		☹	☹	☹		☹	☹	☹							☹	☹	☹
SX-3E300N02-CF6	3	0,2		0,04–0,20	±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-2E200L6-CF5	2	0,2	6	0,04–0,10	±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-5E500L6-CE4	5	0,4	6	0,12–0,25	±0,05	±0,1			☹	☹			☹	☹							☹	☹	☹
SX-6E600L6-CE4	6	0,4	6	0,12–0,30	±0,05	±0,1			☹	☹			☹	☹							☹	☹	☹

T_{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

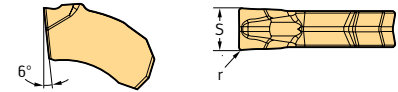
WALTER SELECT

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			
							WKP23S	WSM33G	WSM33S	WSM43S	WSM33G	WSM33S	WSM43S	WKP23S	WSM33G	WSM33S	WSM43S
SX-8E800N08-UF4	8	0,8	17,4	0,18–0,55	±0,05	±0,1	☺	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

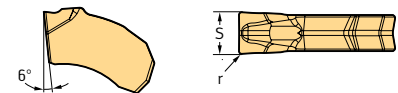
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WKP23S: SX-8E800N08-UF4 WKP23S
 Ordering example for the grade WSM33G: SX-8E800N08-UF4 WSM33G

HC = Coated carbide

Slitting – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	f mm	S _{Tol} mm	l _{Tol} mm	P			M		N	S			
						HC			HC		HW	HC			
						WSM33G	WSM33S	WSM43S	WSM33G	WSM33S	WSM43S	WK1	WSM33G	WSM33S	WSM43S
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-5E500N04-SK8	5	0,4	0,05–0,25	±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 batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WK1: SX-1E150N01-SK8 WK1

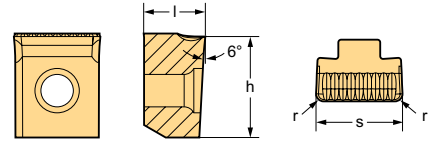
HC = Coated carbide
 HW = Uncoated carbide

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


Grooving and parting off – cutting inserts

UX

Tiger-tec® Silver

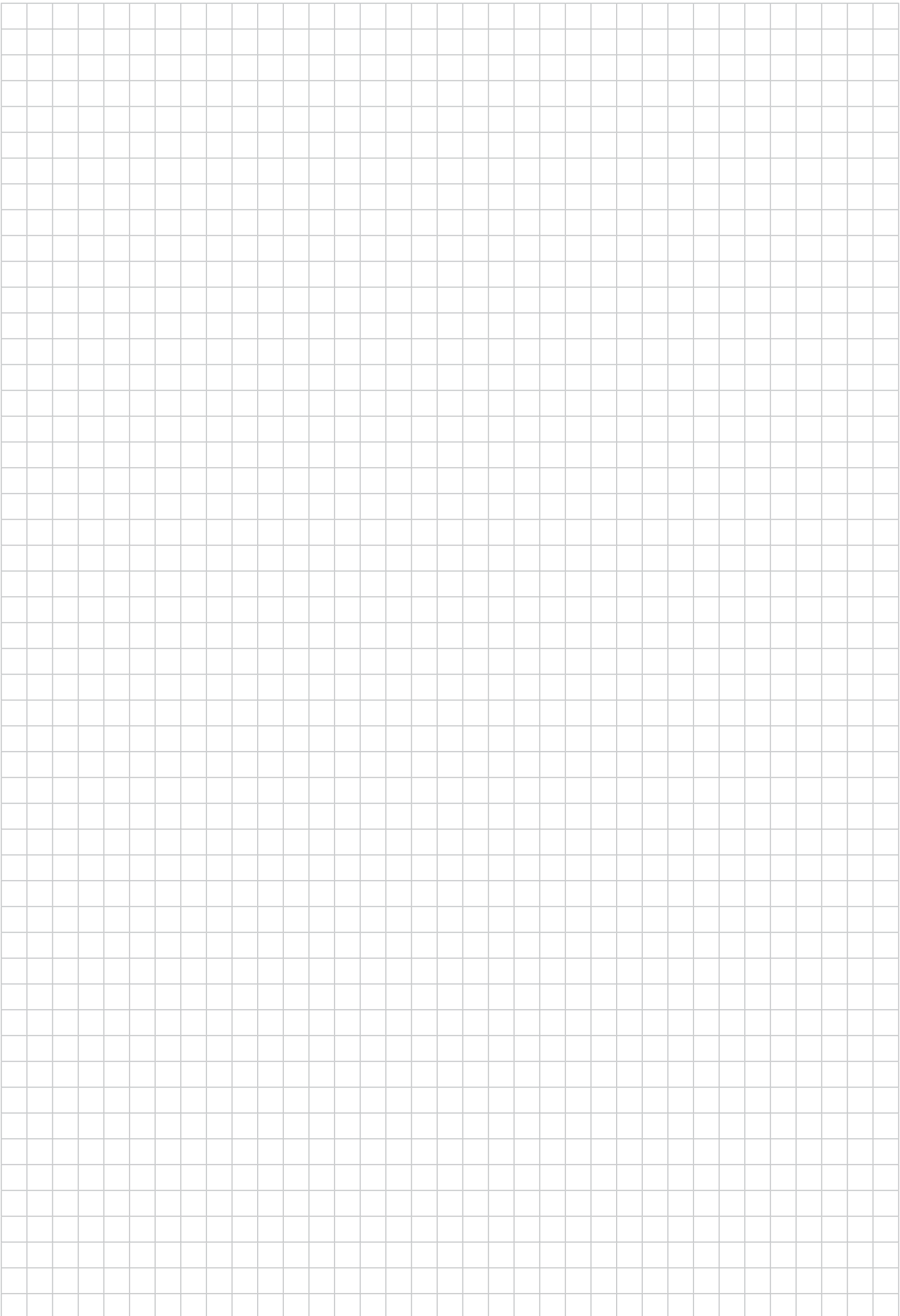


Cutting inserts

Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	P	K
							HC	HC
 UX-12E1200N10-GD2 UX-19E1900N15-GD2	12	1	8,6	0,20-0,40	±0,2	±0,1	WKP335	WKP335
	19	1,5	13,6	0,25-0,60	±0,2	±0,1	HC	HC

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance $r_{Tol} = \pm 0,05$ mm
 Ordering example for the grade WKP335: UX-12E1200N10-GD2 WKP335

HC = Coated carbide

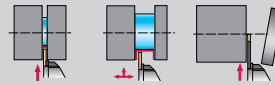


Shank tools/parting blades

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	A 428	A 430	A 434

QR code



G3011



G3011-P



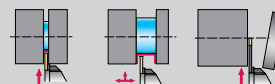
G3021-P

www.walter-tools.com/woc/

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	A 436	A 441	A 441

QR code



G3051-P



G4014



G4014-P

www.walter-tools.com/woc/

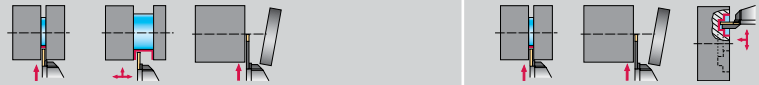
Shank tools/parting blades

System



DX..

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]	16-25	20-25	12-25
Shank size h [Inch]	0,750-1,000	1,000	
Page in catalogue	A 448	A 448	A 455

QR code


www.walter-tools.com/woc/

G4011

G4011-P

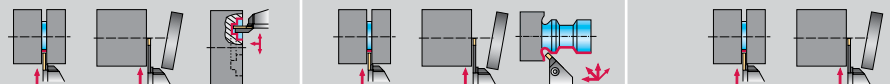
G4511

System



DX..

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	A 456	A 457	A 460

QR code


www.walter-tools.com/woc/

G4521

G4551

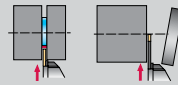
G4041

Shank tools/parting blades

System



Machining


G4041...-P

G4041...C

G4041...C-P

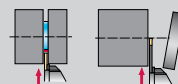
Designation

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	A 460	A 462	A 462
QR code			
www.walter-tools.com/woc/	G4041-P	G4041-C	G4041-C-P

System



Machining


G4042...N

G4042...N...-P

G4634-P

Designation

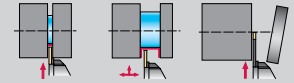
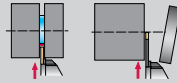
Insert width s [mm]	1,5-4	3	2-3
Cutting depth T_{max} [mm]	40	40	16
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	26-32	26-32	E33
Shank size h [Inch]			
Page in catalogue	A 458	A 458	A 466
QR code			
www.walter-tools.com/woc/	G4042-N	G4042-N-P	G4634-P

Shank tools/parting blades

System



Machining



Designation

G4635

G4635-P

G1011

Insert width s [mm]

1,5–3

2–2,5

2–8

Cutting depth T_{max} [mm]

17

16

38

Coolant supply

External

Precision cooling

External

Shank size h [mm]

E30

E33

16–32

Shank size h [Inch]

0,625–1,500

Page in catalogue

A 464

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A 467

QR code



www.walter-tools.com/woc/

G4635

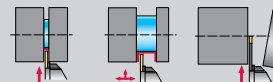
G4635-P

G1011

System



Machining



Designation

G1011...-P

G1511

G1511...-P

Insert width s [mm]

2–8

2–6

2–6

Cutting depth T_{max} [mm]

33

6

6

Coolant supply

Precision cooling

External

Precision cooling

Shank size h [mm]

16–32

20–25

16–25

Shank size h [Inch]

0,750–1,000

0,750–1,000

1,000

Page in catalogue

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QR code



www.walter-tools.com/woc/

G1011-P

G1511

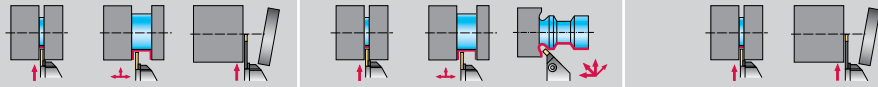
G1511-P

Shank tools/parting blades

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	A 485	A 487	A 490

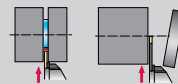
QR code


www.walter-tools.com/woc/
[G1521](http://www.walter-tools.com/woc/G1521)
[G1551](http://www.walter-tools.com/woc/G1551)
[G1041](http://www.walter-tools.com/woc/G1041)

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	A 490	A 490	A 490

QR code

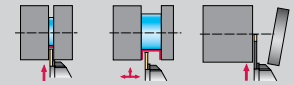
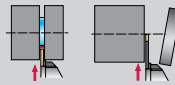

www.walter-tools.com/woc/
[G1041-P](http://www.walter-tools.com/woc/G1041-P)
[G1041-C](http://www.walter-tools.com/woc/G1041-C)
[G1041-C-P](http://www.walter-tools.com/woc/G1041-C-P)

Shank tools/parting blades

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	E16-E32
Shank size h [Inch]			
Page in catalogue	A 489	A 494	A 534

QR code


www.walter-tools.com/woc/

G1042

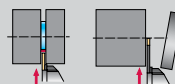
XLCFN

MSS-E

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	A 497	A 495	A 500

QR code


www.walter-tools.com/woc/

G1332

G1634-P

G1111

Shank tools/parting blades

System



Machining


G1111...-P

MSS...E...A

MSS...E...C

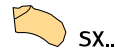
Designation

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	A 500	A 534	A 534

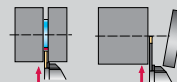
QR code


www.walter-tools.com/woc/
[G1111-P](http://www.walter-tools.com/woc/G1111-P)
[MSS-E-A](http://www.walter-tools.com/woc/MSS-E-A)
[MSS-E-C](http://www.walter-tools.com/woc/MSS-E-C)

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	A 509	A 510	A 514

QR code

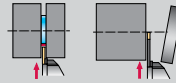

www.walter-tools.com/woc/
[G2012](http://www.walter-tools.com/woc/G2012)
[G2012-P](http://www.walter-tools.com/woc/G2012-P)
[G2042-R-L](http://www.walter-tools.com/woc/G2042-R-L)

Shank tools/parting blades

System



Machining



G2042...R/L...-P






G2042...R/L...C



G2042...R/L...C-P

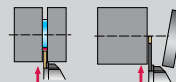
Designation

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	A 514	A 514	A 514
QR code			
www.walter-tools.com/woc/	G2042-R-L-P	G2042-R-L-C	G2042-R-L-C-P

System



Machining



G2042...N






G2042...N...-P



G2632-E...R/L...-SX

Designation

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	A 514	A 516	A 541
QR code			
www.walter-tools.com/woc/	G2042-N	G2042-N-P	G2632

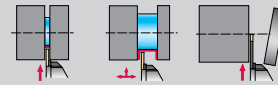
A2

Shank tools/parting blades

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

16–32

20–32

 Shank size h [Inch]

0,625–1,250

0,750–1,250

Page in catalogue

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A 521

QR code


www.walter-tools.com/woc/
[G2016-P](http://www.walter-tools.com/woc/G2016-P)
[MSS-00](http://www.walter-tools.com/woc/MSS-00)
[MSS-90](http://www.walter-tools.com/woc/MSS-90)

System

Machining



Designation

G2661...-P

SBN

 Insert width s [mm]

 Cutting depth T_{max} [mm]

Coolant supply

Internal

External

 Shank size h [mm]

16–40

20–40

 Shank size h [Inch]

0,750–1,500

0,750–1,250

Page in catalogue




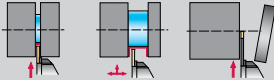






A 529









A 137

QR code


www.walter-tools.com/woc/
[G2661-P](http://www.walter-tools.com/woc/G2661-P)
[SBN](http://www.walter-tools.com/woc/SBN)

Walter Capto™ groove turning holders

System	 MX..	 DX..	 GX..
Machining			
Designation	 G3011-C...-P	 G4011-C...-P	 G1011-C...-P
Insert width s [mm]	0,5–5,65	2	3–5
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	A 531	A 532	A 533
QR code			
www.walter-tools.com/woc/	G3011-C-P	G4011-C-P	G1011-C-P

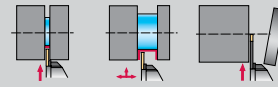
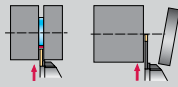
System	 GX..		
Machining			
Designation	 MSS...E...	 MSS...E...A	 MSS...E...C
Insert width s [mm]	0,6–8	3–6	4–6
Cutting depth T _{max} [mm]	21	15	25
Coolant supply	External	External	External
Walter Capto™ size	E16–E32	E20–E32	E25
Page in catalogue	A 534	A 534	A 534
QR code			
www.walter-tools.com/woc/	MSS-E	MSS-E-A	MSS-E-C

Walter Capto™ groove turning holders

System



Machining



Designation

G2632-E...R/L...-SX

C...-MSS

C...-MSS...90

 Insert width s [mm]

2–8

 Cutting depth T_{max} [mm]

45

Coolant supply

External

Internal

Internal

Walter Capto™ size

E20–E32

C3–C6

C4–C6

Page in catalogue

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A 539

QR code




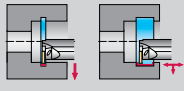







www.walter-tools.com/woc/


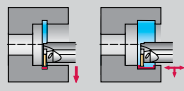






G2632

C-MSS

C-MSS-90

Boring bars – Internal grooving

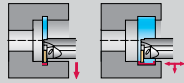
System	 MX..	 DX..	 GX..
Machining			
Designation	 G3221...-P	 G4221...-P	 I12
Insert width s [mm]	0,5–3,25	2–4	2–2,5
Cutting depth T_{max} [mm]	4	10	3
Coolant supply	Precision cooling	Precision cooling	External
Boring bar $\varnothing d_1$ [mm]	32	25–32	16
Boring bar $\varnothing d_1$ [inch]		0,959–1,250	
Page in catalogue	A 542	A 543	A 545
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 $\varnothing d_1$ [mm]	16–40	116–140	20–40
Boring bar $\varnothing d_1$ [inch]	0,602–1,500		0,039–2,000
Page in catalogue	A 546	A 552	A 548
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

A 548

QR code



www.walter-tools.com/woc/

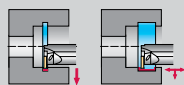
MSS-I-2-5

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

A 554

QR code


www.walter-tools.com/woc/

G4221-Q-P

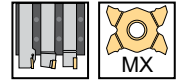
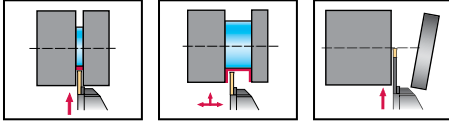
Shank tool - Radial grooving

 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	h ₄ mm	Type
		G3011-1010R-MX22-2	0.5 - 3.3	6	10	10	8,3	120	28	7	MX22-2E ..
		G3011-1212R-MX22-2		6	12	12	10,3	120	26	5	
		G3011-1616R-MX22-2		6	16	16	14,2	120	26	4	
		G3011-1010L-MX22-2	0.5 - 3.3	6	10	10	8,3	120	28	7	MX22-2E ..
		G3011-1212L-MX22-2		6	12	12	10,3	120	26	5	
		G3011-1616L-MX22-2		6	16	16	14,2	120	26	4	

Square shank

 Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth T_{max} – see cutting inserts | Refer to the 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)

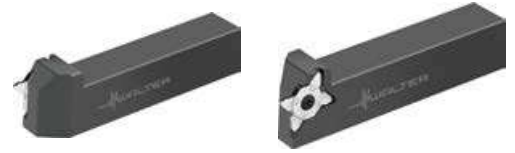
Accessories

		s [mm]	0.5 - 3.3
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

Shank tool - Radial grooving

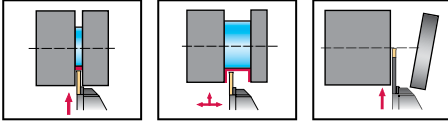
G3011

Walter Cut



A2

– 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

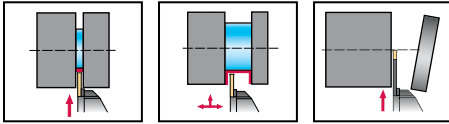
		s [mm]	0.5 - 3.3
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

A2

Shank tool – Radial grooving

G3011...-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	Type
G3011-1212R-MX22-2-P	0.5 - 3.3	6	12	12	10,3	120	26	MX22-2E ..
G3011-1616R-MX22-2-P		6	16	16	14,3	120	26	
G3011-1616R-MX22-4-P	4 - 5.7	6	16	16	13,2	120	26	MX22-4E ..
G3011-1212L-MX22-2-P	0.5 - 3.3	6	12	12	10,3	120	26	MX22-2E ..
G3011-1616L-MX22-2-P		6	16	16	14,3	120	26	
G3011-1616L-MX22-4-P	4 - 5.7	6	16	16	13,2	120	26	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

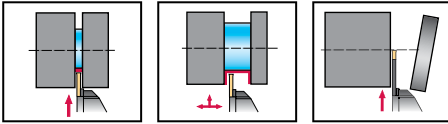
G3011...-P

Walter Cut



A2

- 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

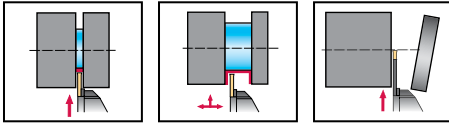
	s [mm]	0.5 - 3.3-4 - 5.7
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

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	Type
	G3011.08R-MX22-2-P	0.020 - 0.130	0.236	0.500	0.500	0.434	4,724	1,024	MX22-2E ..
	G3011.10R-MX22-2-P		0.236	0.625	0.625	0.559	4,724	1,024	
	G3011.08L-MX22-2-P	0.020 - 0.130	0.236	0.500	0.500	0.434	4,724	1,024	MX22-2E ..
	G3011.10L-MX22-2-P		0.236	0.625	0.625	0.559	4,724	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) | Refer to the 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

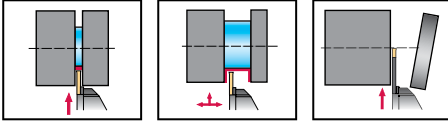
G3011...-P inch

Walter Cut



A2

- 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	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	
G3011.12L-MX22-4-P	0,157 - 0,224	0,236	0,750	0,750	0,639	5,906	1,024	MX22-4E ..
G3011.16L-MX22-4-P		0,236	1,000	1,000	0,889	5,906	1,024	

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth T_{max} – see cutting inserts | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the 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

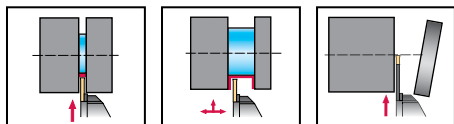
	s [inch]	0.020 - 0.130–0.157 - 0.224
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

Shank tool – Radial grooving

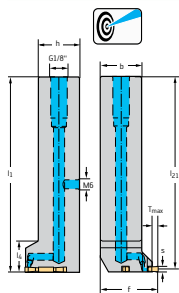
G3021...-P mm
Walter Cut


- 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	
G3021-2525R-MX22-4-P	4 - 5.7	6	25	25	35	127,3	19	124,5	MX22-4E ..
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	
G3021-2525L-MX22-4-P	4 - 5.7	6	25	25	35	127,3	19	124,5	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 [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

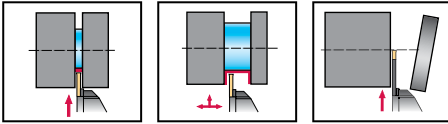
G3021...-P inch

Walter Cut

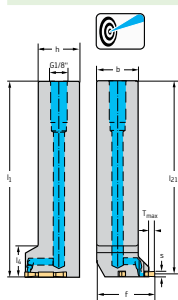


A2

- 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)

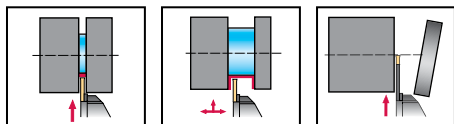
Shank tool 3° – Radial grooving

G3051...-P

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
	G3051-1212R-MX22-2-P	0.5 - 3.3	6	12	12	13,3	120	26	MX22-2R ..
	G3051-1212L-MX22-2-P	0.5 - 3.3	6	12	12	13,3	120	26	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

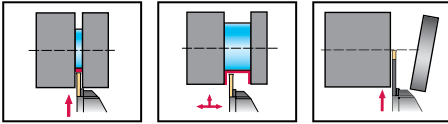
G3051...-P

Walter Cut



A2

- 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
	G3051-1616R-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

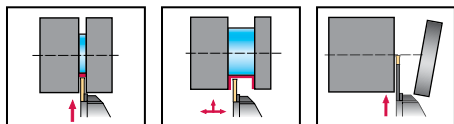
	s [mm]	0.5 - 3.3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

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 = 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

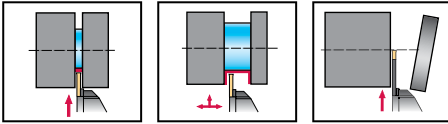
G3051...-P inch

Walter Cut



A2

- 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)

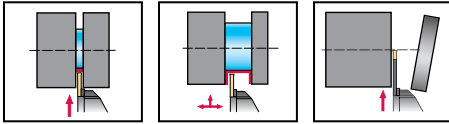
Accessories

	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									
	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									

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

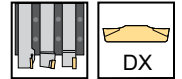
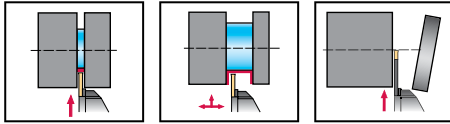
G4014

Walter Cut

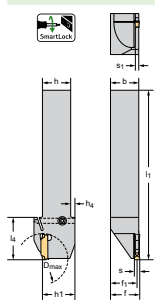


A2

– Side screw clamping



Tool



Square shank

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		
G4014-1010R-1T12DX18	1	25	10	10	9,6	110	4	23	0,8	DX18-1E1 ..		
G4014-1212R-1T12DX18		25	12	12	11,6	110	3	22,3	0,8			
G4014-1010R-1.5T10DX18	1,5	20	10	10	9,4	110	4	22	1,2	DX18-1E1.5 ..		
G4014-1212R-1.5T12DX18		25	12	12	11,4	110	3	22,3	1,2			
G4014-1616R-1.5T12DX18		25	16	16	15,4	120	4	24	1,2			
G4014-1010R-2T10DX18	2	20	10	10	9,2	110	4	22	1,6	DX18-2E2 ..		
G4014-1212R-2T12DX18		25	12	12	11,2	110	3	22,3	1,6			
G4014-1616R-2T12DX18		25	16	16	15,2	120	4	24	1,6			
G4014-1616R-2T17DX18		35	16	16	15,2	120	4	30	1,6			
G4014-2020R-2T17DX18	3	35	20	20	19,2	120	3	30	1,6	DX18-3E3 .. DX18-3F3 ..		
G4014-1212R-3T12DX18		25	12	12	10,8	110	3	22,3	2,4			
G4014-1616R-3T17DX18		35	16	16	14,8	120	4	30	2,4			
G4014-2020R-3T17DX18	1	35	20	20	18,8	120	3	30	2,4	DX18-1E1 ..		
G4014-1010L-1T12DX18		1	25	10	10	9,6	110	4	23		0,8	
G4014-1212L-1T12DX18			25	12	12	11,6	110	3	22,3		0,8	
G4014-1010L-1.5T10DX18		1,5	20	10	10	9,4	110	4	22		1,2	DX18-1E1.5 ..
G4014-1212L-1.5T12DX18			25	12	12	11,4	110	3	22,3		1,2	
G4014-1616L-1.5T12DX18			25	16	16	15,4	120	4	24		1,2	
G4014-1010L-2T10DX18		2	20	10	10	9,2	110	4	22		1,6	DX18-2E2 ..
G4014-1212L-2T12DX18			25	12	12	11,2	110	3	22,3		1,6	
G4014-1616L-2T12DX18			25	16	16	15,2	120	4	24		1,6	
G4014-1616L-2T17DX18			35	16	16	15,2	120	4	30		1,6	
G4014-2020L-2T17DX18		3	35	20	20	19,2	120	3	30		1,6	DX18-3E3 .. DX18-3F3 ..
G4014-1212L-3T12DX18			25	12	12	10,8	110	3	22,3		2,4	
G4014-1616L-3T17DX18			35	16	16	14,8	120	4	30		2,4	
G4014-2020L-3T17DX18		1	35	20	20	18,8	120	3	30		2,4	DX18-1E1 ..

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	FS2586 (T15IP) 2 Nm	FS2586 (T15IP) 2 Nm
	Screw plug	FS2589	FS2589
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)

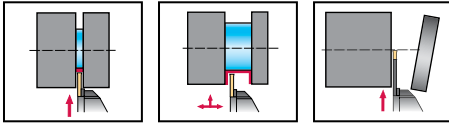
Accessories

	s [mm]	1–3
	Torque screwdriver, analogue	FS2003
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

Shank tool – Radial grooving

G4014...-P
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	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

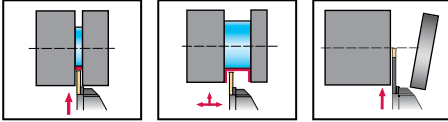
G4014...-P

Walter Cut



A2

- 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
	G4014-1616R-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 ..

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	FS2585 (T15IP) 3 Nm
	Screw plug	FS2589
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

Accessories

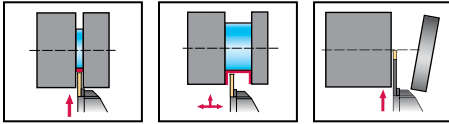
	s [mm]	2–3
	Torque screwdriver, analogue	FS2003
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

A2

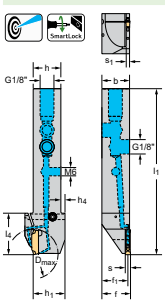
Shank tool – Radial grooving

G4014...-P
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	FS2585 (T15IP) 3 Nm
	Screw plug	FS2589
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

Accessories

	s [mm]	2-3
	Torque screwdriver, analogue	FS2003
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

Shank tool – Radial grooving

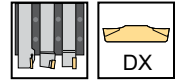
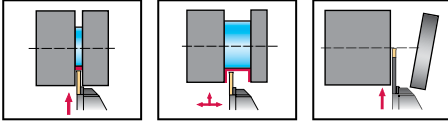
G4014 inch

Walter Cut



A2

– 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		FS2586 (T15IP) 1,475 lbs	FS2585 (T15IP) 2,213 lbs
	Screw plug		FS2589	FS2589
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)

Accessories

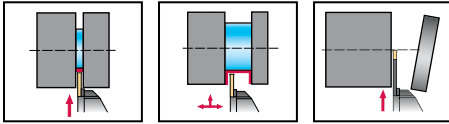
		s [inch]	0,059–0,118
	Torque screwdriver, analogue		FS2004
	Interchangeable blade		FS2014 (T15IP)
	Torque screwdriver, digital		FS2248

A2

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	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

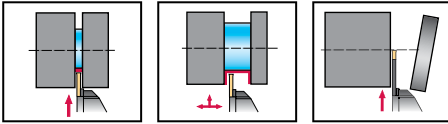
G4014...-P inch

Walter Cut



A2

- 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	FS2585 (T15IP) 2,213 lbs
	Screw plug	FS2589
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

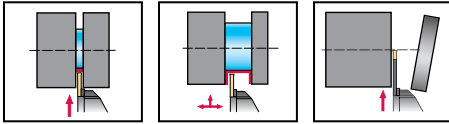
Accessories

	s [inch]	0,079–0,118
	Torque screwdriver, analogue	FS2004
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

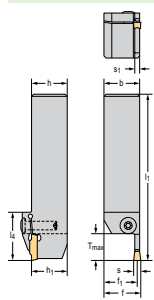
Shank tool – Radial grooving

G4011
Walter Cut


– Screw clamping



Tool



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	Type
G4011-2020R-2T10DX18	2	10		20	20	19,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2T10DX18		10		25	25	24,2	125	28	1,6	
G4011-1616R-3T10DX18	3	10		16	16	14,3	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2020R-3T10DX18		10		20	20	18,8	125	33,5	2,4	
G4011-2525R-3T10DX18		10		25	25	23,8	125	28	2,4	
G4011-1616R-4T10DX18	4	10		16	16	14,8	125	33,5	3,4	DX18-4E4 .. DX18-4F4 ..
G4011-2020R-4T10DX18		10		20	20	18,3	125	33,5	3,4	
G4011-2020R-4T17DX18		17		20	20	18,3	125	33,5	3,4	
G4011-2525R-4T10DX18		10		25	25	23,2	125	33,5	3,4	
G4011-2525R-4T17DX18		17		25	25	23,2	125	33,5	3,4	
G4011-2020L-2T10DX18	2	10		20	20	19,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525L-2T10DX18		10		25	25	24,2	125	28	1,6	
G4011-2020L-3T10DX18	3	10		20	20	18,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525L-3T10DX18		10		25	25	23,8	125	28	2,4	
G4011-2020L-4T10DX18	4	10		20	20	18,3	125	33,5	3,4	DX18-4E4 .. DX18-4F4 ..
G4011-2020L-4T17DX18		17		20	20	18,3	125	33,5	3,4	
G4011-2525L-4T10DX18		10		25	25	23,2	125	33,5	3,4	
G4011-2525L-4T17DX18		17		25	25	23,2	125	33,5	3,4	

Dimensional drawing shows right-hand version. | $F = f_1 + s/2$ | 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)

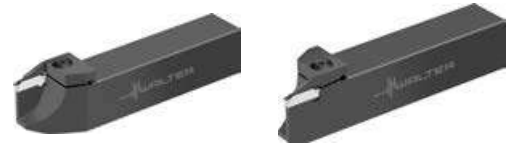
Accessories

	s [mm]	2-4
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

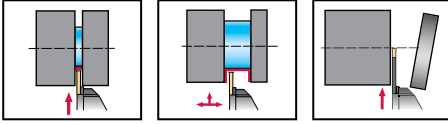
G4011

Walter Cut

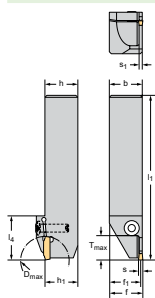


A2

– 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
G4011-2525R-2T17DX18	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2.5T17DX18	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525R-3T17DX18	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525L-2T17DX18	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525L-2.5T17DX18	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525L-3T17DX18	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..


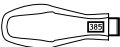

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | 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	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

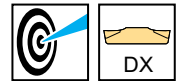
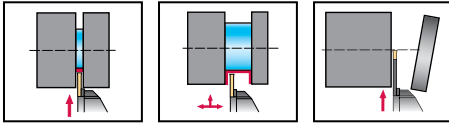
Accessories

	s [mm]	2–3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

G4011...-P mm
Walter Cut


- Screw clamping
- Precision cooling



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-4T17DX18-P	4	17		20	20	18,3	125	33,5	3,4	DX18-4E4 .. DX18-4F4 ..
		G4011-2525R-4T17DX18-P		17		25	25	23,3	125	33,5	3,4	
		G4011-2020L-4T17DX18-P	4	17		20	20	18,3	125	33,5	3,4	DX18-4E4 .. DX18-4F4 ..
		G4011-2525L-4T17DX18-P		17		25	25	23,3	125	33,5	3,4	

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | If no D₂ or D_{max} is specified, there is no diameter limit on the tool. | Refer to the 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)

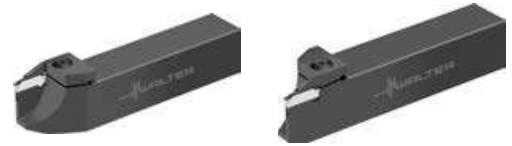
Accessories

		s [mm]	4
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

Shank tool – Radial grooving

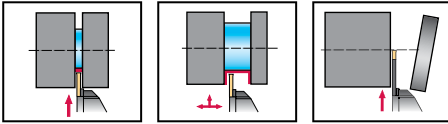
G4011...-P

Walter Cut



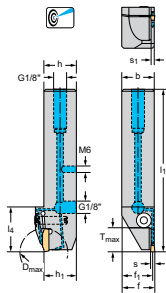
A2

- Screw clamping
- Precision cooling



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
G4011-2525R-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. | $f = f_1 + s/2$ | 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	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Allen key	FS1464 (T20IP)

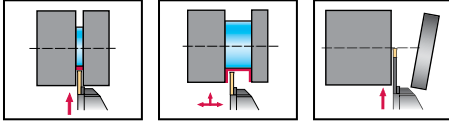
Accessories

	s [mm]	2–3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

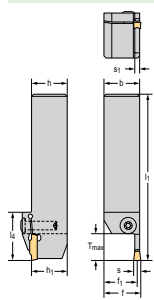
Shank tool – Radial grooving

G4011 inch
Walter Cut


– 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
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	
G4011.16R-3T10DX18	0,118	0,394		1,000	1,000	0,953	4,921	1,102	0,094	DX18-3E3 .. DX18-3F3 ..
G4011.12R-4T17DX18	0,157	0,669		0,750	0,750	0,685	4,921	1,319	0,134	DX18-4E4 .. DX18-4F4 ..
G4011.16R-4T17DX18		0,669		1,000	1,000	0,933	4,921	1,319	0,134	
G4011.16L-2T10DX18	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 .. DX18-3F3 ..
G4011.12L-4T17DX18	0,157	0,669		0,750	0,750	0,685	4,921	1,319	0,134	DX18-4E4 .. DX18-4F4 ..
G4011.16L-4T17DX18		0,669		1,000	1,000	0,933	4,921	1,319	0,134	

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. | Refer to the 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)

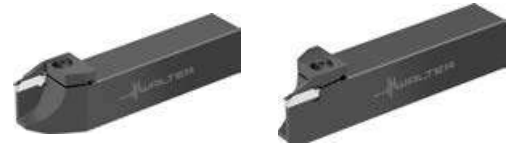
Accessories

	s [inch]	0,079–0,157
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

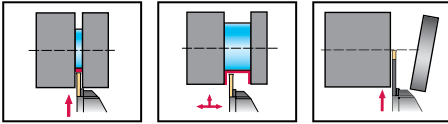
G4011 inch

Walter Cut

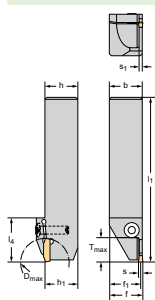


A2

– Screw clamping



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-3T17DX18	0,118	0,669	1,378	1,000	1,000	0,953	4,921	1,319	0,094	DX18-3E3 .. DX18-3F3 ..
G4011.16L-3T17DX18	0,118	0,669	1,378	1,000	1,000	0,953	4,921	1,319	0,094	DX18-3E3 .. DX18-3F3 ..

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

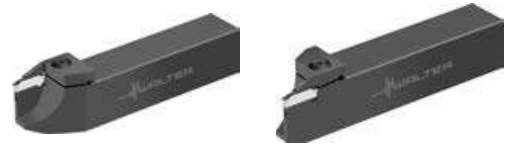
	s [inch]	0,118
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

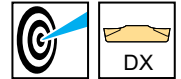
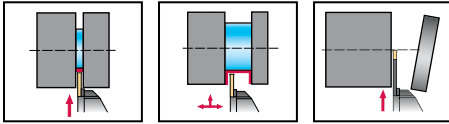
	s [inch]	0,118
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

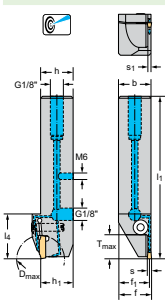
Shank tool – Radial grooving

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) | Refer to the 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

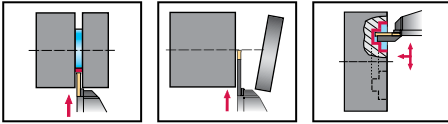
G4511

Walter Cut



A2

- Screw clamping
- Different grooving widths fit in one tool



Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	Type
	Designation	2 - 6	5	12	12	9,4	120	31,5	DX18- . E .. DX18- . F ..
	G4511-1212R-T5DX18								
	G4511-1616R-T5DX18								
	G4511-2020R-T5DX18								
	G4511-2525R-T5DX18								
	G4511-2020L-T5DX18								
G4511-2525L-T5DX18	2 - 6	5	20	20	17,4	120	29	DX18- . E .. DX18- . F ..	

Square shank

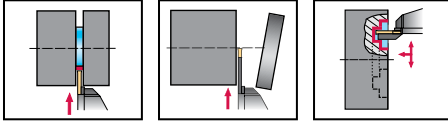
Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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
Walter Cut


- Screw clamping
- Different grooving widths fit in one tool



Tool

		s mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₄ mm	l ₂₁ mm	Type
	Designation	2 - 6	5	20	20	25,5	27	117,4	DX18- . E .. DX18- . F ..
			5	25	25	30,5	27	122,4	
		2 - 6	5	20	20	25,5	27	117,4	DX18- . E .. DX18- . F ..
			5	25	25	30,5	27	122,4	

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)

Shank tool – 45° universal

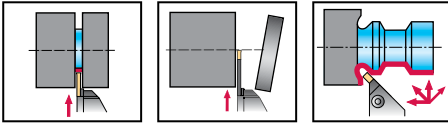
G4551

Walter Cut



A2

- Screw clamping
- Different grooving widths fit in one tool



Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₂₁ mm	l ₄ mm	Type
	Designation	2 - 6	5	20	20	22,3	127,5	32	DX18- . E ..
	G4551-2020R-T5DX18								DX18- . F ..
	G4551-2525R-T5DX18								
	G4551-2525L-T5DX18	2 - 6	5	25	25	27,3	127,5	32	DX18- . E .. DX18- . F ..

Square shank

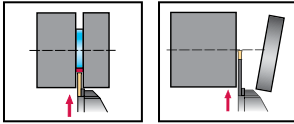
Dimensional drawing shows right-hand version. $l = f_1 + 0.707 \times s/2$ | $l_1 = l_{21} + 0.707 \times s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



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

Deep parting blade

G4042...N...-P

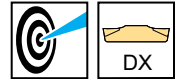
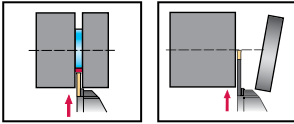
mm


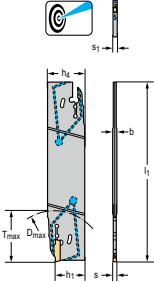

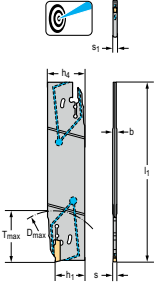
Walter Cut



A2

- Self-clamping system
- Precision cooling



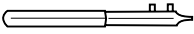
Tool	Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	b mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
 	G4042-26N-3T40DX18-P	3	40	80	26	3,5	130	17,3	2,4	DX18-3E3 .. DX18-3F3 ..
 	G4042-32N-3T40DX18-P	3	40	80	32	3,5	150	21	2,4	DX18-3E3 .. DX18-3F3 ..

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

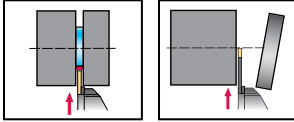
Accessories

	s [mm]	3
	Mounting wrench for grooving insert	FS1494

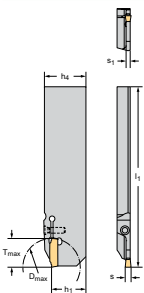
Reinforced parting blade

G4041
Walter Cut


– Screw clamping



Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	h ₁ mm	h ₁ mm	s ₁ 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	
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

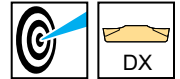
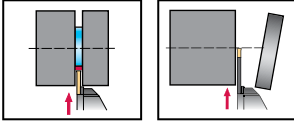
G4041...-P

Walter Cut

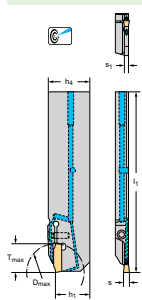


A2

- 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

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]

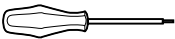
2-3

Clamping screw for grooving insert
Tightening torqueFS2164 (T15IP)
3,5 Nm

Accessories

s [mm]

2-3



Screwdriver for grooving insert

FS1485 (T15IP)



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2014 (T15IP)

A2

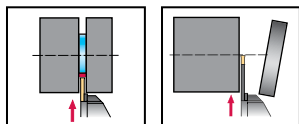
Reinforced parting blade – Contra

 G4041...C mm

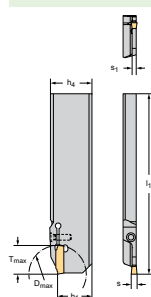
Walter Cut



– Screw clamping



Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G4041-26R-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

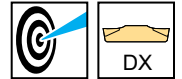
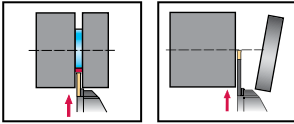
G4041...C-P mm

Walter Cut



A2

- 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
	G4041-26R-2T17DX18C-P	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
	G4041-32R-2T21DX18C-P		21	42	32	110	21,3	1,6	
	G4041-26R-3T17DX18C-P	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
	G4041-32R-3T21DX18C-P		21	42	32	110	21,3	2,5	
	G4041-26L-2T17DX18C-P	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
	G4041-32L-2T21DX18C-P		21	42	32	110	21,3	1,6	
	G4041-26L-3T17DX18C-P	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
	G4041-32L-3T21DX18C-P		21	42	32	110	21,3	2,5	

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

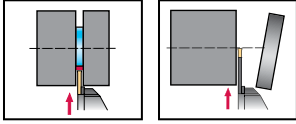
	s [mm]	2–3
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

A2

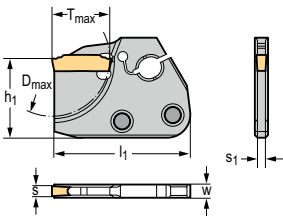
Grooving module – Radial grooving

G4635
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
G4635-30N-1.5T10DX18	1,5	10	35	24	4	42	1,2	E30	DX18-1E1.5 ..
G4635-30N-2T17DX18	2	17	35	24	4	42	1,6	E30	DX18-2E2 ..
G4635-30N-3T17DX18	3	17	35	24	4	42	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

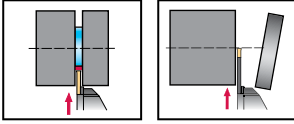
G4635-P

Walter Cut

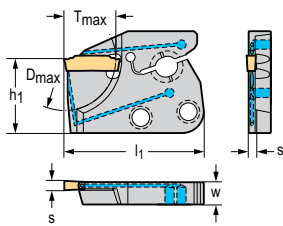


A2

- 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	1,6	E33	DX18-2E2 ..
	G4635-33L-2.5T16DX18-P	2,5	16	32	24	7,2	45	2,1	E33	DX18-2E2.5 ..

The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

A2

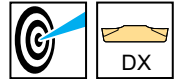
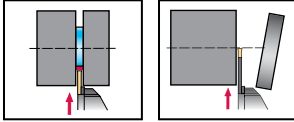
Grooving module – Radial grooving

 G4634-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
	G4634-33L-2T13DX18-P	2	13	26	24	4	36	1,6	E33	DX18-2E2 ..
	G4634-33L-2T16DX18-P		16	32	24	7,2	46	1,6	E33	
	G4634-33L-3T16DX18-P	3	16	32	24	7,2	46	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) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Shank tool – Radial grooving

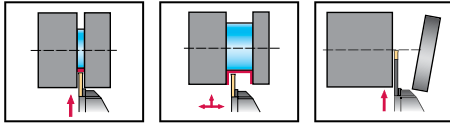
G1011

Walter Cut

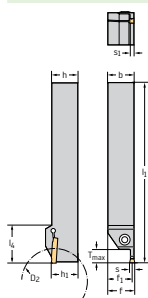


A2

– Screw clamping



Tool



Square shank

Designation

s
mm T_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
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	
G1011.1616R-4T12GX24	4	12	16	16	14,3	135	35	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2020R-4T12GX24		12	20	20	18,3	145	35	3,4	
G1011.2525R-4T12GX24		12	25	25	23,3	145	35	3,4	
G1011.2020R-5T12GX24	5	12	20	20	17,9	145	35	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525R-5T12GX24		12	25	25	22,9	145	35	4,2	
G1011.2020R-6T12GX24	6	12	20	20	17,4	145	35	5,2	GX24-4E6 ..
G1011.2525R-6T12GX24		12	25	25	22,4	145	35	5,2	
G1011.2525R-8T28GX30	8	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	
G1011.1616L-4T12GX24	4	12	16	16	14,3	135	35	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2020L-4T12GX24		12	20	20	18,3	145	35	3,4	
G1011.2525L-4T12GX24		12	25	25	23,3	145	35	3,4	
G1011.2020L-5T12GX24	5	12	20	20	17,9	145	35	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525L-5T12GX24		12	25	25	22,9	145	35	4,2	
G1011.2020L-6T12GX24	6	12	20	20	17,4	145	35	5,2	GX24-4E6 ..
G1011.2525L-6T12GX24		12	25	25	22,4	145	35	5,2	
G1011.2525L-8T28GX30	8	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 torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

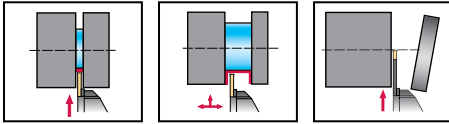
Accessories

	s [mm]	3–8
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

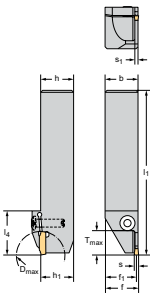
Shank tool – Radial grooving

 G1011

Walter Cut



Tool



Square shank




Designation	s mm	D _{max} mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
G1011.1616R-2T21GX24	2	80	21	16	16	15,3	150	40,3	1,6	GX24-1E2 ..
G1011.2020R-2T21GX24		80	21	20	20	19,2	150	40	1,6	
G1011.1616R-3T21GX24	3	80	21	16	16	14,8	150	40,3	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.2012R-3T21GX24		80	21	20	12	10,8	150	40	2,4	
G1011.2020R-3T21GX24		80	21	20	20	18,8	150	40	2,4	
G1011.2525R-3T21GX24		80	21	25	25	23,8	150	40	2,4	
G1011.1616R-4T21GX24	4	80	21	16	16	14,3	150	40	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2020R-4T21GX24		80	21	20	20	18,3	150	40	3,4	
G1011.2525R-4T21GX24		80	21	25	25	23,3	150	40	3,4	
G1011.2525R-4T32GX24		120	32	25	25	23,3	165	55	3,4	
G1011.2020R-5T21GX24	5	80	21	20	20	17,9	150	40	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525R-5T21GX24		80	21	25	25	22,9	150	40	4,2	
G1011.2525R-5T32GX24		120	32	25	25	22,9	165	55	4,2	
G1011.2020R-6T21GX24	6	80	21	20	20	17,4	150	40	5,2	GX24-4E6 ..
G1011.2525R-6T21GX24		80	21	25	25	22,4	150	40	5,2	
G1011.2525R-6T32GX24		120	32	25	25	22,4	165	55	5,2	
G1011.1616L-2T21GX24	2	80	21	16	16	15,3	150	40	1,6	GX24-1E2 ..
G1011.2020L-2T21GX24		80	21	20	20	19,3	150	40,3	1,6	
G1011.1616L-3T21GX24	3	80	21	16	16	14,8	150	40	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.2012L-3T21GX24		80	21	20	12	10,8	150	40	2,4	
G1011.2020L-3T21GX24		80	21	20	20	18,8	150	40	2,4	
G1011.2525L-3T21GX24		80	21	25	25	23,8	150	40	2,4	
G1011.1616L-4T21GX24	4	80	21	16	16	14,3	150	40	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2020L-4T21GX24		80	21	20	20	18,3	150	40	3,4	
G1011.2525L-4T21GX24		80	21	25	25	23,3	150	40	3,4	
G1011.2525L-4T32GX24		120	32	25	25	23,3	165	55	3,4	
G1011.2020L-5T21GX24	5	80	21	20	20	17,9	150	40	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2525L-5T21GX24		80	21	25	25	22,9	150	40	4,2	
G1011.2525L-5T32GX24		120	32	25	25	22,9	165	55	4,2	
G1011.2020L-6T21GX24	6	80	21	20	20	17,4	150	40	5,2	GX24-4E6 ..
G1011.2525L-6T21GX24		80	21	25	25	22,4	150	40	5,2	
G1011.2525L-6T32GX24		120	32	25	25	22,4	165	55	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]	2-6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

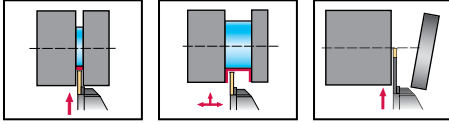
	s [mm]	2-6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

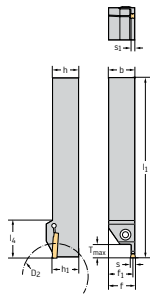
Shank tool – Radial grooving

G1011 inch
Walter Cut


– Screw clamping



Tool



Square shank

Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G1011.10R-3T12GX24	0,118	0,472	0,625	0,625	0,578	5,315	1,378	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.12R-3T12GX24		0,472	0,750	0,750	0,701	5,709	1,378	0,094	
G1011.16R-3T12GX24		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
G1011.12R-4T12GX24	0,157	0,472	0,750	0,750	0,685	5,709	1,378	0,134	GX24-3E4 .. GX24-3F4 ..
G1011.16R-4T12GX24		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G1011.16R-4T32GX24		1,260	1,000	1,000	0,933	6,496	2,165	0,134	
G1011.12R-5T12GX24	0,197	0,472	0,750	0,750	0,669	5,709	1,378	0,165	GX24-3E5 .. GX24-3F5 ..
G1011.12R-6T12GX24	0,236	0,472	0,750	0,750	0,646	5,709	1,378	0,205	GX24-4E6 ..
G1011.16R-6T12GX24		0,472	1,000	1,000	0,898	5,709	1,378	0,205	
G1011.16R-8T28GX30	0,315	1,102	1,000	1,000	0,882	6,496	2,165	0,24	GX30-5E8 ..
G1011.20R-8T38GX30		1,496	1,250	1,250	1,130	6,890	2,559	0,24	
G1011.24R-8T38GX30		1,496	1,500	1,500	1,378	6,890	2,559	0,24	
G1011.10L-3T12GX24	0,118	0,472	0,625	0,625	0,578	5,315	1,378	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.12L-3T12GX24		0,472	0,750	0,750	0,701	5,709	1,378	0,094	
G1011.16L-3T12GX24		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
G1011.12L-4T12GX24	0,157	0,472	0,750	0,750	0,685	5,709	1,378	0,134	GX24-3E4 .. GX24-3F4 ..
G1011.16L-4T12GX24		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G1011.16L-4T32GX24		1,260	1,000	1,000	0,933	6,496	2,165	0,134	
G1011.12L-6T12GX24	0,236	0,472	0,750	0,750	0,646	5,709	1,378	0,205	GX24-4E6 ..
G1011.16L-6T12GX24		0,472	1,000	1,000	0,898	5,709	1,378	0,205	
G1011.16L-8T28GX30	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

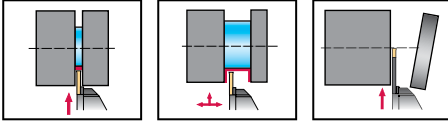
G1011 inch

Walter Cut



A2

– Screw clamping






Tool		s	D _{max}	T _{max}	h = h ₁	b	f ₁	l ₁	l ₄	s ₁	Type
Designation		inch	inch	inch	inch	inch	inch	inch	inch	inch	
<p>Square shank</p>	G1011.12R-2T21GX24	0,079	3,150	0,827	0,750	0,750	0,72	5,906	1,575	0,063	GX24-1E2 ..
	G1011.16R-2T21GX24		3,150	0,827	1,000	1,000	0,97	5,906	1,575	0,063	
	G1011.10R-3T21GX24	0,118	3,150	0,827	0,625	0,625	0,578	5,906	1,575	0,094	GX24-2E3 ..
	G1011.12R-3T21GX24		3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2F3 ..
	G1011.16R-3T21GX24		3,150	0,827	1,000	1,000	0,953	5,906	1,575	0,094	
	G1011.20R-3T21GX24	0,157	3,937	0,827	1,250	1,250	1,205	5,906	1,575	0,094	
	G1011.12R-4T21GX24		3,150	0,827	0,750	0,750	0,685	5,906	1,575	0,134	GX24-3E4 ..
	G1011.16R-4T21GX24		3,150	0,827	1,000	1,000	0,933	5,906	1,575	0,134	GX24-3F4 ..
	G1011.20R-4T26GX24	0,197	3,937	1,024	1,250	1,250	1,181	6,142	1,811	0,134	
	G1011.16R-5T21GX24		3,150	0,827	1,000	1,000	0,917	5,906	1,575	0,165	GX24-3E5 ..
	G1011.16R-5T32GX24		4,724	1,260	1,000	1,000	0,917	6,496	2,165	0,165	GX24-3F5 ..
	G1011.20R-5T26GX24	0,236	3,937	1,024	1,250	1,250	1,167	6,142	1,811	0,165	
	G1011.12R-6T21GX24		3,150	0,827	0,750	0,750	0,646	5,906	1,575	0,205	GX24-4E6 ..
	G1011.16R-6T21GX24		3,150	0,827	1,000	1,000	0,898	5,906	1,575	0,205	
	G1011.16R-6T32GX24		4,724	1,260	1,000	1,000	0,898	6,496	2,165	0,205	
	G1011.20R-6T21GX24		3,937	0,827	1,250	1,250	1,148	5,906	1,575	0,205	
	G1011.20R-6T32GX24	0,079	5,512	1,260	1,250	1,250	1,148	6,496	2,165	0,205	
	G1011.12L-2T21GX24		3,150	0,827	0,750	0,750	0,72	5,906	1,575	0,063	GX24-1E2 ..
	G1011.16L-2T21GX24	0,118	3,150	0,827	1,000	1,000	0,97	5,906	1,575	0,063	
	G1011.10L-3T21GX24		3,150	0,827	0,625	0,625	0,578	5,906	1,575	0,094	GX24-2E3 ..
	G1011.12L-3T21GX24		3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2F3 ..
	G1011.16L-3T21GX24		3,150	0,827	1,000	1,000	0,953	5,906	1,575	0,094	
	G1011.20L-3T21GX24		3,937	0,827	1,250	1,250	1,205	5,906	1,575	0,094	
	G1011.12L-4T21GX24	0,157	3,150	0,827	0,750	0,750	0,685	5,906	1,575	0,134	GX24-3E4 ..
G1011.16L-4T21GX24	3,150		0,827	1,000	1,000	0,933	5,906	1,575	0,134	GX24-3F4 ..	
G1011.20L-4T26GX24	3,937		1,024	1,250	1,250	1,181	6,142	1,811	0,134		
G1011.16L-5T21GX24	0,197	3,150	0,827	1,000	1,000	0,917	5,906	1,575	0,165	GX24-3E5 ..	
G1011.16L-5T32GX24		4,724	1,260	1,000	1,000	0,917	6,496	2,165	0,165	GX24-3F5 ..	
G1011.20L-5T26GX24		3,937	1,024	1,250	1,250	1,167	6,142	1,811	0,165		
G1011.12L-6T21GX24	0,236	3,150	0,827	0,750	0,750	0,646	5,906	1,575	0,205	GX24-4E6 ..	
G1011.16L-6T21GX24		3,150	0,827	1,000	1,000	0,898	5,906	1,575	0,205		
G1011.16L-6T32GX24		4,724	1,260	1,000	1,000	0,898	6,496	2,165	0,205		
G1011.20L-6T21GX24		3,937	0,827	1,250	1,250	1,148	5,906	1,575	0,205		
G1011.20L-6T32GX24		5,512	1,260	1,250	1,250	1,148	6,496	2,165	0,205		

Dimensional drawing shows right-hand version. | Refer to the Walter online 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)

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Accessories		
	s [inch]	0,079-0,236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

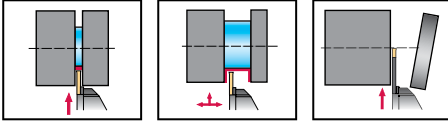
G1011...-P

Walter Cut



A2

- 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	s ₁ mm	Type
	G1011.1616R-4T12GX24-P	4	12	16	16	14,3	120	35	3,4	GX24-3E4 .. GX24-3F4 ..
	G1011.1616L-4T12GX24-P	4	12	16	16	14,3	120	35	3,4	GX24-3E4 .. GX24-3F4 ..

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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)

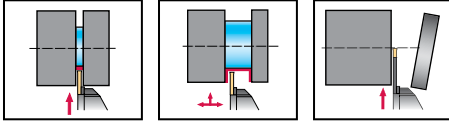
Shank tool – Radial grooving

G1011...-P

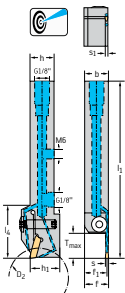
Walter Cut



- 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 ₂ mm	s ₁ mm	Type
G1011.2525R-3T12GX24-P	3	12	25	25	23,8	125	35	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.2020R-4T12GX24-P	4	12	20	20	18,3	120	35	3,4	GX24-3E4 .. GX24-3F4 ..
G1011.2020R-4T21GX24-P		21	20	20	18,3	125	40	3,4	
G1011.2525R-4T12GX24-P		12	25	25	23,3	125	35	3,4	
G1011.2525R-4T21GX24-P		21	25	25	23,3	130	40	3,4	
G1011.2525R-4T32GX24-P		32	25	25	23,3	145	55	3,4	
G1011.2020R-5T12GX24-P	5	12	20	20	17,9	120	35	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2020R-5T21GX24-P		21	20	20	17,9	125	40	4,2	
G1011.2525R-5T12GX24-P		12	25	25	22,9	125	35	4,2	
G1011.2525R-5T21GX24-P		21	25	25	22,9	130	40	4,2	
G1011.2525R-5T32GX24-P	6	32	25	25	22,9	145	55	4,2	GX24-4E6 ..
G1011.2525R-6T12GX24-P		12	25	25	22,4	125	35	5,2	
G1011.2525R-6T21GX24-P		21	25	25	22,4	130	40	5,2	
G1011.2525R-6T32GX24-P	8	32	25	25	22,4	145	55	5,2	GX30-5E8 ..
G1011.2525R-8T28GX30-P		28	25	25	22	145	55	6,1	
G1011.3225R-8T28GX30-P	8	28	32	25	22	145	55	6,1	GX30-5E8 ..
G1011.2525L-3T12GX24-P		3	12	25	25	23,8	125	35	
G1011.2020L-4T12GX24-P	4	12	20	20	18,3	120	35	3,4	GX24-2E3 .. GX24-2F3 ..
G1011.2020L-4T21GX24-P		21	20	20	18,3	125	40	3,4	
G1011.2525L-4T12GX24-P		12	25	25	23,3	125	35	3,4	
G1011.2525L-4T21GX24-P		21	25	25	23,3	130	40	3,4	
G1011.2525L-4T32GX24-P		32	25	25	23,3	145	55	3,4	
G1011.2020L-5T12GX24-P	5	12	20	20	17,9	120	35	4,2	GX24-3E5 .. GX24-3F5 ..
G1011.2020L-5T21GX24-P		21	20	20	17,9	125	40	4,2	
G1011.2525L-5T12GX24-P		12	25	25	22,9	125	35	4,2	
G1011.2525L-5T21GX24-P		21	25	25	22,9	130	40	4,2	
G1011.2525L-5T32GX24-P	6	32	25	25	22,9	145	55	4,2	GX24-4E6 ..
G1011.2525L-6T12GX24-P		12	25	25	22,4	125	35	5,2	
G1011.2525L-6T21GX24-P		21	25	25	22,4	130	40	5,2	
G1011.2525L-6T32GX24-P	8	32	25	25	22,4	145	55	5,2	GX30-5E8 ..
G1011.2525L-8T28GX30-P		28	25	25	22	145	55	6,1	
G1011.3225L-8T28GX30-P	8	28	32	25	22	145	55	6,1	GX30-5E8 ..

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]	3-8
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm

Assembly parts

	s [mm]	3-8
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Allen key	FS1464 (T20IP)

Accessories

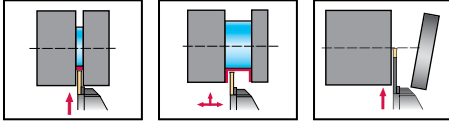
	s [mm]	3-8
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

A2

Shank tool – Radial grooving

G1011...-P
Walter Cut


- Screw clamping
- Precision cooling



Tool

Designation	s mm	D _{max} mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
G1011.1616R-2T21GX24-P	2	80	21	16	16	15,3	120	40	1,6	GX24-1E2 ..
G1011.1616R-3T12GX24-P	3	50	12	16	16	14,8	120	31,5	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.1616R-3T21GX24-P		80	21	16	16	14,8	120	40	2,4	
G1011.1616L-2T21GX24-P	2	80	21	16	16	15,3	120	40	1,6	GX24-1E2 ..
G1011.1616L-3T12GX24-P	3	50	12	16	16	14,8	120	31,5	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.1616L-3T21GX24-P		80	21	16	16	14,8	120	40	2,4	

Square shank

 Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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

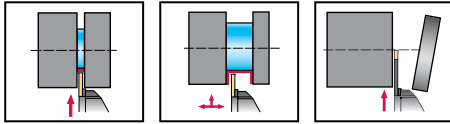
G1011...-P

Walter Cut



A2

- Screw clamping
- Precision cooling



Tool	Designation	s mm	D _{max} mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type	
	G1011.2020R-2T21GX24-P	2	80	21	20	20	19,2	125	40	1,6	GX24-1E2 ..	
	G1011.2525R-2T21GX24-P		80	21	25	25	24,2	130	40	1,5		
	G1011.2020R-3T12GX24-P	3	50	12	20	20	18,8	120	31,5	2,4	GX24-2E3 .. GX24-2F3 ..	
	G1011.2020R-3T21GX24-P		80	21	20	20	18,8	125	40	2,4		
	G1011.2020R-3T33GX34-P		140	33	20	20	18,8	140	53	2,4	GX34-2E3 ..	
	G1011.2525R-3T21GX24-P		80	21	25	25	23,8	130	40	2,4		
	G1011.2525R-3T33GX34-P		140	33	25	25	23,8	145	53	2,4	GX34-2E3 ..	
	G1011.2020L-4T33GX34-P		4	140	33	20	20	18,4	140	53		3,3
	G1011.2525L-4T33GX34-P	140		33	25	25	23,4	145	53	3,3		
	Square shank	G1011.2020L-2T21GX24-P	2	80	21	20	20	19,2	125	40	1,6	GX24-1E2 ..
		G1011.2525L-2T21GX24-P		80	21	25	25	24,2	130	40	1,5	
		G1011.2020L-3T12GX24-P	3	50	12	20	20	18,8	120	31,5	2,4	GX24-2E3 .. GX24-2F3 ..
G1011.2020L-3T21GX24-P		80		21	20	20	18,8	125	40	2,4		
G1011.2020L-3T33GX34-P		140		33	20	20	18,8	140	53	2,4	GX34-2E3 ..	
G1011.2525L-3T21GX24-P		80		21	25	25	23,8	130	40	2,4		
G1011.2525L-3T33GX34-P		140		33	25	25	23,8	145	53	2,4	GX34-2E3 ..	
G1011.2020L-4T33GX34-P		4		140	33	20	20	18,4	140	53		3,3
G1011.2525L-4T33GX34-P			140	33	25	25	23,4	145	53	3,3		

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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 50-80	3-4 140
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	
	Torque T-handle		FS2041
	Interchangeable blade	FS2015 (T20IP)	FS2052 (SW 5)

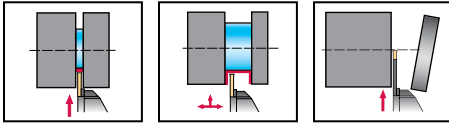
Shank tool – Radial grooving

G1011...-P inch

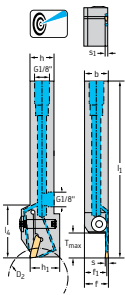
Walter Cut



- 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	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 ..
G1011.16R-4T12GX24-P		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G1011.16R-4T21GX24-P		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
G1011.16R-4T32GX24-P		1,260	1,000	1,000	0,933	5,906	2,165	0,134	
G1011.12R-5T21GX24-P	0,197	0,827	0,750	0,750	0,669	5,906	1,575	0,165	GX24-3E5 .. GX24-3F5 ..
G1011.16R-5T12GX24-P		0,472	1,000	1,000	0,917	5,709	1,378	0,165	
G1011.16R-5T21GX24-P		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
G1011.16R-5T32GX24-P		1,260	1,000	1,000	0,917	5,906	2,165	0,165	
G1011.16R-6T12GX24-P	0,236	0,472	1,000	1,000	0,898	5,709	1,378	0,205	GX24-4E6 ..
G1011.16R-6T21GX24-P		0,827	1,000	1,000	0,898	5,906	1,575	0,205	
G1011.16R-6T32GX24-P		1,260	1,000	1,000	0,898	5,906	2,165	0,205	
G1011.12L-4T21GX24-P	0,157	0,827	0,750	0,750	0,685	5,906	1,575	0,134	GX24-3E4 .. GX24-3F4 ..
G1011.16L-4T21GX24-P		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
G1011.16L-4T32GX24-P		1,260	1,000	1,000	0,933	5,906	2,165	0,134	
G1011.12L-5T21GX24-P	0,197	0,827	0,750	0,750	0,669	5,906	1,575	0,165	GX24-3E5 .. GX24-3F5 ..
G1011.16L-5T12GX24-P		0,472	1,000	1,000	0,917	5,709	1,378	0,165	
G1011.16L-5T21GX24-P		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
G1011.16L-5T32GX24-P		1,260	1,000	1,000	0,917	5,906	2,165	0,165	
G1011.16L-6T12GX24-P	0,236	0,472	1,000	1,000	0,898	5,709	1,378	0,205	GX24-4E6 ..
G1011.16L-6T21GX24-P		0,827	1,000	1,000	0,898	5,906	1,575	0,205	
G1011.16L-6T32GX24-P		1,260	1,000	1,000	0,898	5,906	2,165	0,205	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,157–0,236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)

Accessories

	s [inch]	0,157–0,236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

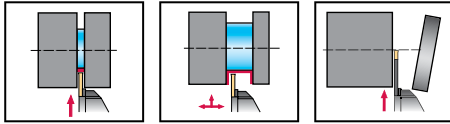
G1011...-P inch

Walter Cut



A2

- Screw clamping
- Precision cooling



Tool	Designation	s inch	D _{max} inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
<p>Square shank</p>	G1011.12R-3T21GX24-P	0,118	3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
	G1011.12R-3T33GX34-P		5,512	1,299	0,750	0,750	0,703	5,906	2,087	0,094	GX34-2E3 ..
	G1011.16R-3T12GX24-P		1,969	0,472	1,000	1,000	0,953	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
	G1011.16R-3T21GX24-P		3,150	0,827	1,000	1,000	0,953	5,906	1,575	0,094	
	G1011.16R-3T33GX34-P		5,512	1,299	1,000	1,000	0,953	5,906	2,087	0,094	GX34-2E3 ..
	G1011.12R-4T33GX34-P		0,157	5,512	1,299	0,750	0,750	0,685	5,906	2,087	0,130
	G1011.16R-4T33GX34-P	5,512		1,299	1,000	1,000	0,937	5,906	2,087	0,130	
	G1011.12L-3T21GX24-P	0,118	3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
	G1011.12L-3T33GX34-P		5,512	1,299	0,750	0,750	0,703	5,906	2,087	0,094	GX34-2E3 ..
	G1011.16L-3T12GX24-P		1,969	0,472	1,000	1,000	0,953	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
	G1011.16L-3T21GX24-P		3,150	0,827	1,000	1,000	0,953	5,906	1,575	0,094	
	G1011.16L-3T33GX34-P		5,512	1,299	1,000	1,000	0,953	5,906	2,087	0,094	GX34-2E3 ..
	G1011.12L-4T33GX34-P		0,157	5,512	1,299	0,750	0,750	0,685	5,906	2,087	0,130
	G1011.16L-4T33GX34-P	5,512		1,299	1,000	1,000	0,937	5,906	2,087	0,130	

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

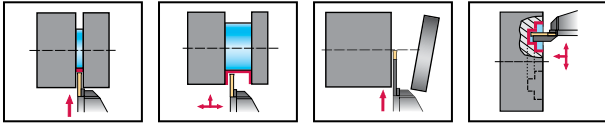
Assembly parts		s [inch]	0,118	0,157
	Clamping screw for grooving insert Tightening torque		FS2118 (T20IP) 3,688 lbs	M06X025 ISO4762 12.9 (SW 5)
	G 1/8" threaded plug		FS2258 (SW 2)	FS2258 (SW 2)
	M6 threaded plug		FS2288 (SW 3)	FS2288 (SW 3)
	Allen key		FS1464 (T20IP)	ISO2936-5 (SW 5)

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 – Universal

G1511
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

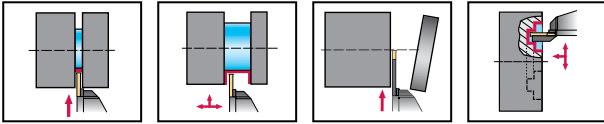
G1511...-P

Walter Cut

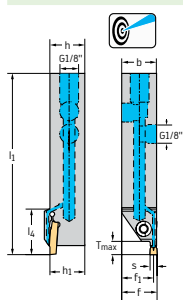


A2

- 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
G1511.1616R-T6GX24-P	2 - 6	6	16	16	13,9	120	33	GX24- ..
G1511.1616L-T6GX24-P	2 - 6	6	16	16	13,9	120	33	GX24- ..

Square shank

Dimensional drawing shows right-hand version. | For information on the smallest possible axial groove [D_{min}], see "Technical information" | $f = f_1 + s/2$ | 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 - 6
Clamping screw for grooving insert Tightening torque		FS2118 (T20IP) 5 Nm
G 1/8" threaded plug		FS2258 (SW 2)
Allen key		FS1464 (T20IP)

Accessories

	s [mm]	2 - 6
Torque screwdriver, analogue		FS2003
Torque screwdriver, digital		FS2248
Interchangeable blade		FS2015 (T20IP)

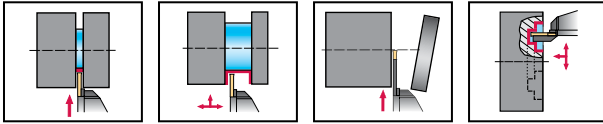
Shank tool – Universal

 G1511...-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	Type
	G1511.2020R-T6GX24-P	2 - 6	6	20	20	17,9	120	33,5	GX24- ..
	G1511.2525R-T6GX24-P		6	25	25	22,9	130	32,9	
	G1511.2020L-T6GX24-P	2 - 6	6	20	20	17,9	120	33,5	GX24- ..
	G1511.2525L-T6GX24-P		6	25	25	22,9	130	32,9	

Square shank

Dimensional drawing shows right-hand version. | For information on the smallest possible axial groove [D_{min}], see "Technical information" | $f = f_1 + s/2$ | 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 - 6
	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 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Universal

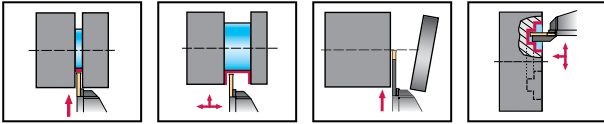
G1511 inch

Walter Cut



A2

– Screw clamping



Tool		s	T _{max}	h = h ₁	b	f ₁	l ₁	l ₄	Type
		inch	inch	inch	inch	inch	inch	inch	
	Designation								
	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	
	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		

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)

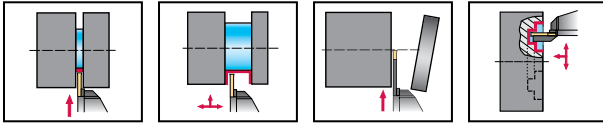
Shank tool – Universal

 G1511...-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	Type
	G1511.16R-T6GX24-P	0,079 - 0,236	0,236	1,000	1,000	0,915	5,906	1,299	GX24- ..
	G1511.16L-T6GX24-P	0,079 - 0,236	0,236	1,000	1,000	0,915	5,906	1,299	GX24- ..

Square shank

Dimensional drawing shows right-hand version. | For information on the smallest possible axial groove [D_{min}], see "Technical information" | $f = f_1 + s/2$ | 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 - 0.236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)

Accessories

	s [inch]	0.079 - 0.236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – 90° universal

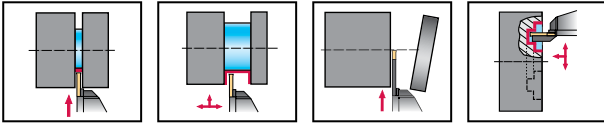
G1521

Walter Cut



A2

– Screw clamping



Tool		s	T _{max}	h = h ₁	b	l ₁	l ₄	f ₁	l ₂₁	Type
Designation		mm	mm	mm	mm	mm	mm	mm	mm	
	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)

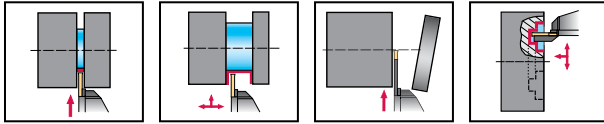
Accessories

	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

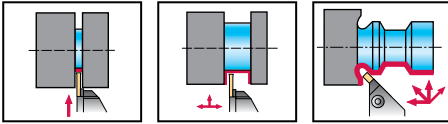
G1551

Walter Cut



A2

– Screw clamping



Tool		s	T _{max}	h = h ₁	b	f ₁	l ₁	l ₄	l ₂₁	Type
Designation		mm	mm	mm	mm	mm	mm	mm	mm	
	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)

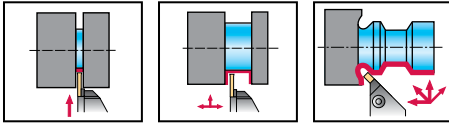
Shank tool – 45° universal

G1551 inch

Walter Cut



– Screw clamping



Tool

Designation		s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	h ₁ inch	l ₄ inch	l _{z1} 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

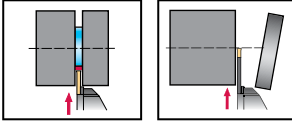
s [inch]		0.079 - 0.236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Deep parting blade

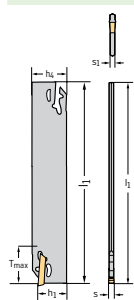
G1042
Walter Cut


A2

– Self-clamping system




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	21,1	1,5	GX24-1E2 ..
G1042.32N-2T50GX24		50	32	149	24,8	1,5	
G1042.26N-3T40GX24	3	40	26	108	21	2,3	GX24-2E3 .. GX24-2F3 ..
G1042.32N-3T50GX24		50	32	149	24,7	2,3	
G1042.26N-4T40GX24	4	40	26	108	20,9	3,2	GX24-3E4 .. GX24-3F4 ..
G1042.32N-4T50GX24		50	32	149	24,6	3,2	
G1042.32N-5T60GX24	5	60	32	149	24,5	3,9	GX24-3E5 .. GX24-3F5 ..
G1042.32N-6T60GX24	6	60	32	149	24,4	4,7	GX24-4E6 ..

 Refer to the Walter online catalogue for more product information: www.walter-tools.com

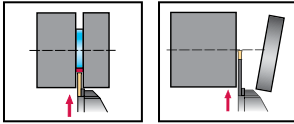
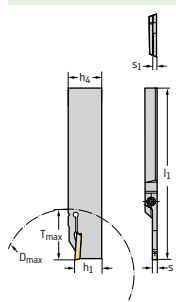
Accessories

	s [mm]	
	2-6	FS1494

Reinforced parting blade

G1041
Walter Cut


– Screw clamping


Tool


Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ 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	
G1041.26R-3T23GX24	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
G1041.32R-3T23GX24		23	46	32	110	24,6	2,2	
G1041.32R-3T32GX24		32	65	32	110	24,6	2,2	
G1041.32R-4T32GX24	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..
G1041.26L-2T23GX24	2	23	46	26	110	21	1,5	GX24-1E2 ..
G1041.32L-2T32GX24		32	65	32	110	24,6	1,5	
G1041.26L-3T23GX24	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
G1041.32L-3T23GX24		23	46	32	110	24,6	2,2	
G1041.32L-3T32GX24		32	65	32	110	24,6	2,2	
G1041.32L-4T32GX24	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..

 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

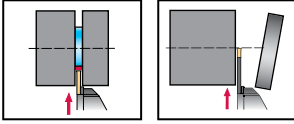
G1041...-P

Walter Cut



A2

- Screw clamping
- Precision cooling



Tool		s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	Designation								
	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	
	G1041.32R-3T33GX34-P		33	65	32	110	24,6	2,4	GX34-2E3 ..
	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	
G1041.32L-3T33GX34-P		33	65	32	110	24,6	2,4	GX34-2E3 ..	
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)

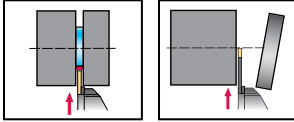
Reinforced parting blade – Contra

 G1041...C

Walter Cut

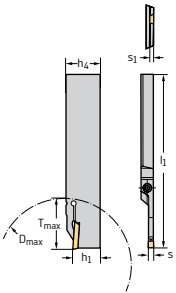


– Screw clamping



Tool

Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ 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	
G1041.26R-3T23GX24C	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
G1041.32R-3T23GX24C		23	46	32	110	24,6	2,2	
G1041.32R-3T32GX24C		32	65	32	110	24,6	2,2	
G1041.32R-4T32GX24C	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..
G1041.26L-2T23GX24C	2	23	46	26	110	21	1,5	GX24-1E2 ..
G1041.32L-2T32GX24C		32	65	32	110	24,6	1,5	
G1041.26L-3T23GX24C	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
G1041.32L-3T23GX24C		23	46	32	110	24,6	2,2	
G1041.32L-3T32GX24C		32	65	32	110	24,6	2,2	
G1041.32L-4T32GX24C	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..


 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

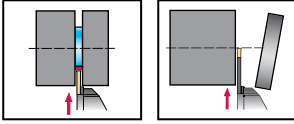
G1041...C-P

Walter Cut



A2

- Screw clamping
- Precision cooling



Tool		s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	Designation								
	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	4	33	65	32	110	24,6	2,4	GX34-2E3 ..
	G1041.32R-4T32GX24C-P		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	4	33	65	32	110	24,6	2,4	GX34-2E3 ..
	G1041.32L-4T32GX24C-P		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

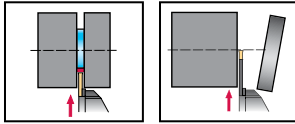
Deep parting blade

 XLCFN

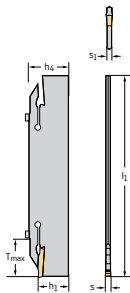
Walter Cut



– 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	24,2	2,1	GX24-2E3 .. GX24-2F3 ..
XLCFN3204-GX24-3S	4	21	32	179	24,2	3	GX24-3E4 .. GX24-3F4 ..
XLCFN3206-GX24-4S	6	21	32	179	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) 2 Nm

Accessories

	s [mm]	
	3–6	Handle key for grooving insert
		FS1047 (T15)

Grooving module – Radial grooving

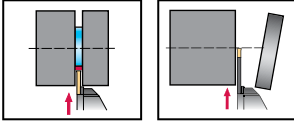
G1634-P

Walter Cut



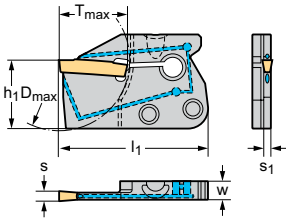
A2

- 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	Type
G1634-33R-2T21GX24-P	2	21	42	24	7,2	49	1,5	GX24-1E2 ..
G1634-33L-2T21GX24-P	2	21	42	24	7,2	49	1,5	GX24-1E2 ..
G1634-33L-3T21GX24-P	3	21	42	24	7,2	49	2,4	GX24-2E3 .. GX24-2F3 ..



Dimensional drawing shows right-hand version. | If no D₂ or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

A2

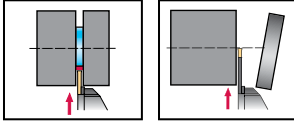
Grooving module – Radial grooving

 G1634-P

Walter Cut

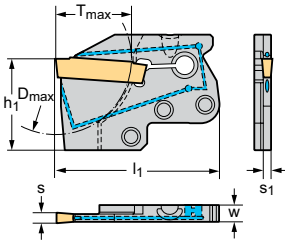


- Screw clamping
- Replacement module



Tool

Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Type
G1634-43R-3T27GX34-P	3	27	52	24	7,2	55	2,4	GX34-2E3 ..
G1634-43R-3T33GX34-P		33	65	24	7,2	61	2,4	
G1634-43L-3T27GX34-P	3	27	52	24	7,2	55	2,4	GX34-2E3 ..
G1634-43L-3T33GX34-P		33	65	24	7,2	61	2,4	
G1634-43L-4T33GX34-P	4	33	65	24	7,2	61	3,3	GX34-3E4 ..



Dimensional drawing shows right-hand version. | If no D₂ or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Grooving module – Radial grooving

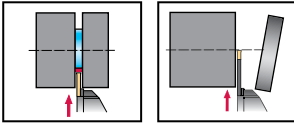
G1332 mm

Walter Cut



A2

- Self-clamping system
- Replacement module



Tool	Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Type
	G1332.IMR-GAD3N-GX24	3	15	32	24	4	52	2,2	GX24-2E3 .. GX24-2F3 ..

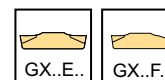
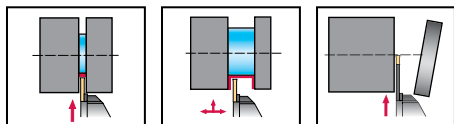
Refer to the Walter online catalogue for more product information: www.walter-tools.com

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 .. GX16-1E .. GX16-2E ..	
	MSS-E25R03-GX16-2		3	79	20	5,9	38	2	E25		
	MSS-E32R03-GX16-2		3	100	25,5	5,9	45	2	E32		
	MSS-E16R02-GX09-1	MSS-E16R07-GX09-1	2	2	52	12,5	3,9	24	1,3	E16	GX09-1E ..
	MSS-E20R12-GX16-1			7	52	12,5	3,9	24	1,3	E16	GX09-1E1 ..
	MSS-E25R12-GX16-1	MSS-E16R07-GX09-2	3	12	63	16	4,4	33	1,3	E20	GX16-1E2 ..
	MSS-E20R12-GX16-2			12	79	20	5,9	38	1,3	E25	GX09-2E3 ..
	MSS-E20R21-GX24-2			21	63	16	4,4	42	2	E20	GX16-2E3 .. GX24-2F3 ..
	MSS-E25R12-GX16-2			12	79	20	5,9	38	2	E25	GX24-2E3 .. GX24-2F3 ..
	MSS-E25R21-GX24-2			21	79	20	5,9	47	2	E25	GX16-2E3 ..
MSS-E32R12-GX16-2	12			100	25,5	5,9	45	2	E32	GX24-2E3 .. GX24-2F3 ..	
MSS-E20R12-GX16-3	MSS-E25R12-GX16-3	4 - 5	12	63	16	4,4	33	3	E20	GX16-3E .. GX24-3E .. GX24-3F .. GX16-3E .. GX24-3E .. GX24-3F ..	
MSS-E25R12-GX16-3			12	79	20	5,9	38	3	E25		
MSS-E25R21-GX24-3			21	79	20	5,9	47	3	E25		
MSS-E32R12-GX16-3			12	100	25,5	5,9	45	3	E32		
MSS-E32R21-GX24-3			21	100	25,5	5,9	54	3	E32		
MSS-E25R12-GX16-4	MSS-E25R21-GX24-4	6	12	79	20	5,9	38	4,2	E25	GX16-4E6 .. GX24-4E6 ..	
MSS-E25R21-GX24-4			21	79	20	5,9	47	4,2	E25		
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 ..	

 Refer to the Walter online catalogue for more product information: www.walter-tools.com

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-E20L03-GX16-2	0,6 - 3	3	63	16	4,4	33	2	E20	GX16-0E .. GX16-1E .. GX16-2E ..	
MSS-E25L03-GX16-2		3	79	20	5,9	38	2	E25		
MSS-E32L03-GX16-2		3	100	25,5	5,9	45	2	E32		
MSS-E16L02-GX09-1	2	2	52	12,5	3,9	24	1,3	E16	GX09-1E ..	
MSS-E16L07-GX09-1		7	52	12,5	3,9	24	1,3	E16	GX09-1E1 ..	
MSS-E20L12-GX16-1	3	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-E16L07-GX09-2		7	52	12,5	3,9	24	2	E16	GX09-2E3 ..	
MSS-E20L12-GX16-2		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 ..	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

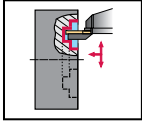
Shank tool – Axial grooving

 G1111

Walter Cut



– Screw clamping

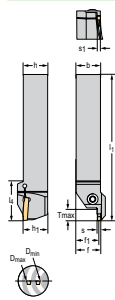


Tool

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		
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 = h ₁ [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

A2

Accessories		s [mm] h = h ₁ [mm]	3-6 25
	Interchangeable blade		FS2015 (T20IP)

Shank tool – Axial grooving

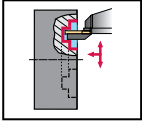
G1111...-P

Walter Cut



A2

- Precision cooling
- Screw clamping



Tool		s	T _{max}	D _{min}	D _{max}	h = h ₁	b	f ₁	l ₁	l ₄	s ₁	Type
Designation		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
	G1111.2525R-5T33060GX24P	5	33	60	95	25	25	23,7	145	50	4,2	GX24-3E5 .. GX24-3F5 ..
	G1111.2525R-5T33085GX24P		33	85	130	25	25	23,7	145	50	4,2	
	G1111.2525R-5T33120GX24P		33	120	180	25	25	23,7	145	50	4,2	
	G1111.2525R-5T33175GX24P		33	175	500	25	25	23,7	145	50	4,2	
	G1111.2525L-5T33060GX24P	5	33	60	95	25	25	23,7	145	50	4,2	GX24-3E5 .. GX24-3F5 ..
	G1111.2525L-5T33085GX24P		33	85	130	25	25	23,7	145	50	4,2	
	G1111.2525L-5T33120GX24P		33	120	180	25	25	23,7	145	50	4,2	
	G1111.2525L-5T33175GX24P		33	175	500	25	25	23,7	145	50	4,2	

Square shank

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | $f = f_1 + s/2$ | Refer to the 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)

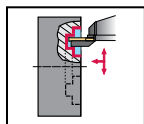
Shank tool – Axial grooving

 G1111 inch

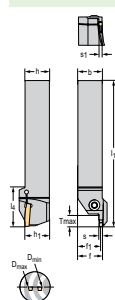
Walter Cut



– Screw clamping



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)

Accessories

s [inch]
h = h₁ [inch]

0,118–0,236
1



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

A2

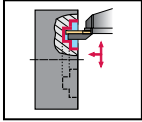
Grooving module – Axial grooving

 MSS...E...A

Walter Cut



– Screw clamping



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	GX24-4E6 ..	
MSS-E32R15-GX24-3A150300		150	300	25,5	5,9	54	3	E32		
MSS-E32R15-GX24-3A70100		70	100	25,5	5,9	54	3	E32		
MSS-E25R15-GX24-4A100150		15	100	150	20	5,9	47	4,2		E25
MSS-E25R15-GX24-4A150300	6	15	150	300	20	5,9	47	4,2	E25	GX24-4E6 ..
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	GX24-4E6 ..	
MSS-E32L15-GX24-3A150300		150	300	25,5	5,9	54	3	E32		
MSS-E32L15-GX24-3A70100		70	100	25,5	5,9	54	3	E32		
MSS-E25L15-GX24-4A100150		15	100	150	20	5,9	47	4,2		E25
MSS-E25L15-GX24-4A150300	6	15	150	300	20	5,9	47	4,2	E25	GX24-4E6 ..
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	
MSS-E32L15-GX24-4A150300		15	150	300	25,5	5,9	54	4,2	E32	
MSS-E32L15-GX24-4A150300		15	150	300	25,5	5,9	54	4,2	E32	

 Refer to the Walter online catalogue for more product information: www.walter-tools.com

Tool		s	T _{max}	D _{min}	D _{max}	h ₁	W	l ₁	s ₁	Module size	Type
Designation		mm	mm	mm	mm	mm	mm	mm	mm		
	MSS-E32L15-GX24-4A300900	6	15	300	900	25,5	5,9	54	4,2	E32	GX24-4E6 ..
	MSS-E32L15-GX24-4A70100		15	70	100	25,5	5,9	54	4,2	E32	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

A2

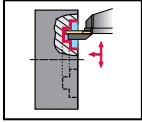
Grooving module – Axial grooving

 MSS...E...C

Walter Cut



– Screw clamping



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) 2 Nm
	Handle key for grooving insert	FS1047 (T15)

Shank tool – Radial grooving

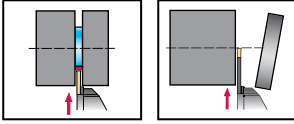
G2012

Walter Cut

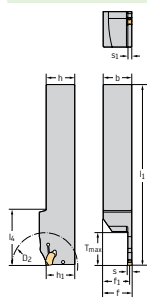


A2

– Self-clamping system



Tool

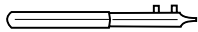


Designation	s mm	D ₂ mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
G2012.2020R-1.5T15SX	1,5	38	15	20	20	19,4	120	25	1,2	SX-1E1
G2012.2525R-2T26SX	2	52	26	25	25	24,2	146	36	1,6	SX-2E2
G2012.2525R-3T33SX	3	65	33	25	25	23,8	150	43	2,5	SX-3E3
G2012.2020L-1.5T15SX	1,5	38	15	20	20	19,4	120	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 = h₁ [mm]1,5
202-3
25

Mounting wrench for grooving insert

FS2249

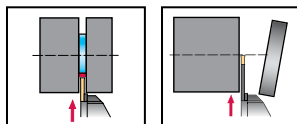
FS1494

A2

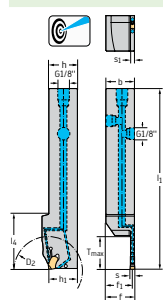
Shank tool – Radial grooving

 G2012...-P
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
G2012.1212R-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	

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 [mm]	2-3
G 1/8" threaded plug	FS2258 (SW 2)

Accessories

s [mm] h = h ₁ [mm]	2-3 12-16	3 16
Mounting wrench for grooving insert	FS2249	FS2249

Shank tool – Radial grooving

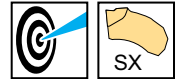
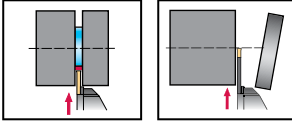
G2012...-P

Walter Cut



A2

- 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
<p>Square shank</p>	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 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 [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

A2

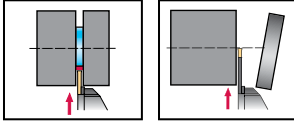
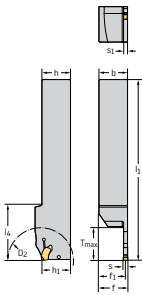
Shank tool – Radial grooving

 G2012 inch

Walter Cut

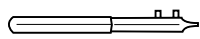


– Self-clamping system


Tool


Designation	s inch	D ₂ inch	T _{max} inch	h = h ₁ inch	b inch	f inch	l ₁ inch	l ₂ 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
G2012.12L-1.5T15SX	0,059	1,496	0,591	0,750	0,750	0,726	4,724	0,984	0,047	SX-1E1
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]	Accessories
0,059	0,75	FS2249
0,079–0,118	1	FS1494

Shank tool – Radial grooving

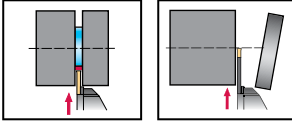
G2012...-P inch

Walter Cut



A2

– Precision cooling



Tool

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	0,197		1,299	1,000	1,000	0,933	5,906	1,890	0,134	SX-5E5
G2012.16R-5T40SX-P			1,575	1,000	1,000	0,915	5,906	2,047	0,169	
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	0,197		1,299	1,000	1,000	0,933	5,906	1,890	0,134	SX-5E5
G2012.16L-5T40SX-P			1,575	1,000	1,000	0,915	5,906	1,890	0,169	
G2012.16L-6T40SX-P	0,236		1,575	1,000	1,000	0,896	5,906	2,047	0,209	SX-6E6

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 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	

A2

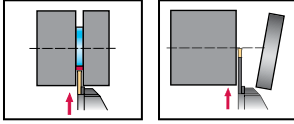
Deep parting blade

 G2042...N

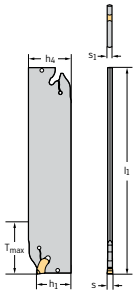
Walter Cut



– Self-clamping system



Tool



Designation	s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ 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

Deep parting blade

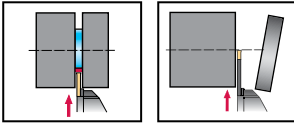
G2042...N...-P

Walter Cut

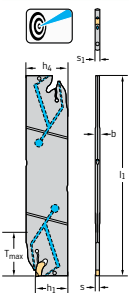


A2

- 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	131	20,8	2,4	3,5	SX-3E3
	G2042.32N-3T45SX-P		45	32	151	24,5	2,4	3,5	

Refer to the Walter online 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

A2

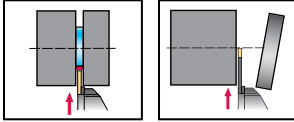
Deep parting blade

 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	Type
	G2042.32N-4T50SX-P	4	50	32	151	24,5	3,5	SX-4E4
	G2042.32N-5T60SX-P	5	60	32	151	24,4	4,3	SX-5E5
	G2042.32N-6T60SX-P	6	60	32	151	24,3	5,3	SX-6E6
	G2042.52N-8T100SX-P	8	100	52	251	44,3	6,8	SX-8E8
	G2042.52N-10T100SX-P	10	100	52	251	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

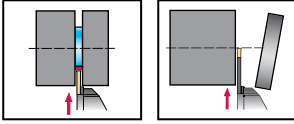
G2042...R/L

Walter Cut

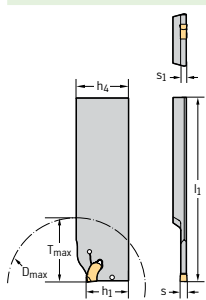


A2

– 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

A2

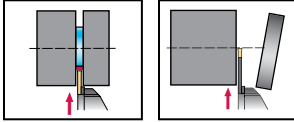
Reinforced parting blade

 G2042...R/L...-P mm

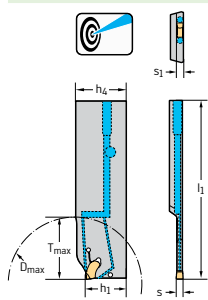
Walter Cut



- Self-clamping system
- Precision cooling



Tool



Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ 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		33	65	32	110	24,7	2,4	
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		33	65	32	110	24,7	2,4	
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

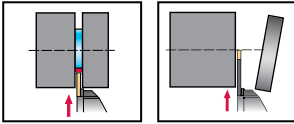
G2042...R/L...C

Walter Cut



A2

– Self-clamping system



Tool		s mm	T _{max} mm	D _{max} mm	l ₁ mm	s ₁ mm	Type
	Designation						
	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]	
	Mounting wrench for grooving insert	4	FS1494

A2

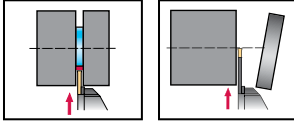
Reinforced parting blade – Contra

G2042...R/L...C-P mm

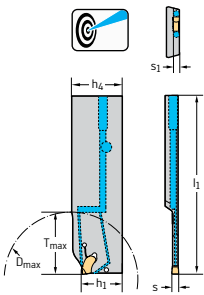
Walter Cut



- Self-clamping system
- Precision cooling



Tool



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				
G2042.26R-3T33SX-C-P	3	33	65	110	2,4	SX-3E3
G2042.32R-3T33SX-C-P		33				
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				
G2042.26L-3T33SX-C-P	3	33	65	110	2,4	SX-3E3
G2042.32L-3T33SX-C-P		33				
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	FS1494

Shank tool – modular

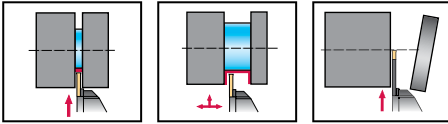
MSS-...00

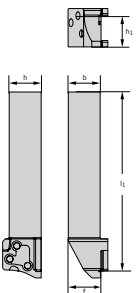
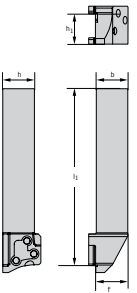
Walter Cut





A2

– Screw clamping



Tool		h = h ₁ mm	b mm	f mm	h ₁ mm	Module size
	Designation					
	MSS-E16R00-1616G	16	16	35	93,7	E16
	MSS-E20R00-2020J	20	20	44,4	114,5	E20
	MSS-E25R00-2525L	25	25	31	145,5	E25
	MSS-E32R00-3225N	32	25	31	165,5	E32
Square shank						
	Designation					
	MSS-E16L00-1616G	16	16	35	93,7	E16
	MSS-E20L00-2020J	20	20	44,4	114,5	E20
	MSS-E25L00-2525L	25	25	31	145,5	E25
	MSS-E32L00-3225N	32	25	31	165,5	E32
Square shank						

 $f = f_1 + s/2$ | 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		E16	E20	E25	E32
	Screw for grooving module Tightening torque	FS1052 (T15) 2 Nm	FS1053 (T15) 2 Nm	FS1054 (T20) 3 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1047 (T15)	FS1047 (T15)	FS1048 (T20)	FS1049 (T25)

A2

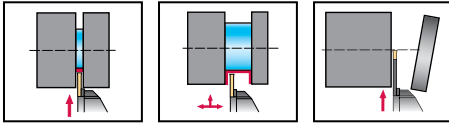
Shank tool – modular

 MSS-...00 inch

Walter Cut



– Screw clamping


Tool

	Designation	h = h ₁ inch	b inch	f inch	l ₁ inch	Module size
<p>Square shank</p>	MSS-E16R00-10-E	0,625	0,625	1,378	3,646	E16
	MSS-E20R00-12-E	0,750	0,750	1,748	4,677	E20
	MSS-E25R00-16-E	1,000	1,000	1,22	5,717	E25
	MSS-E32R00-85-E	1,250	1,000	1,22	6,717	E32
<p>Square shank</p>	MSS-E16L00-10-E	0,625	0,625	1,378	3,646	E16
	MSS-E20L00-12-E	0,750	0,750	1,748	4,677	E20
	MSS-E25L00-16-E	1,000	1,000	1,22	5,717	E25
	MSS-E32L00-85-E	1,250	1,000	1,22	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

		E16	E20	E25	E32
	Screw for grooving module Tightening torque	FS1052 (T15) 1,475 lbs	FS1053 (T15) 1,475 lbs	FS1054 (T20) 2,213 lbs	FS1055 (T25) 2,213 lbs
	Handle key	FS1047 (T15)	FS1047 (T15)	FS1048 (T20)	FS1049 (T25)

Shank tool – modular

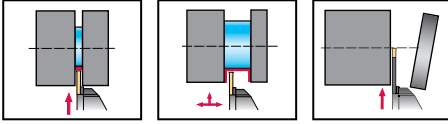
MSS-...90

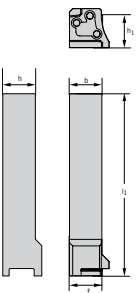
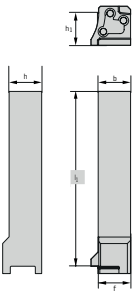
Walter Cut





A2

– Screw clamping



Tool		h = h ₁ mm	b mm	f mm	l ₁ mm	Module size
	Designation					
	MSS-E20R90-2020J	20	20	24,5	110	E20
	MSS-E25R90-2525L	25	25	30,5	140	E25
	MSS-E32R90-3225N	32	25	37,5	160	E32
Square shank						
	Designation					
	MSS-E20L90-2020J	20	20	24,5	110	E20
	MSS-E25L90-2525L	25	25	30,5	140	E25
	MSS-E32L90-3225N	32	25	37,5	160	E32
Square shank						

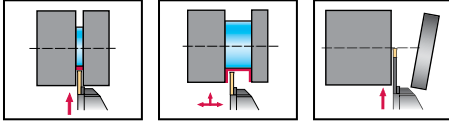
 $l_1 = l_{21} + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		E20	E25	E32
	Screw for grooving module Tightening torque	FS1053 (T15) 2 Nm	FS1054 (T20) 3 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1047 (T15)	FS1048 (T20)	FS1049 (T25)

Shank tool – modular

 MSS-...90 inch
Walter Cut


– Screw clamping


Tool

	Designation	h = h ₁ inch	b inch	f inch	l ₁ inch	Module size
	MSS-E20R90-12-E	0,750	0,750	0,965	4,500	E20
	MSS-E25R90-16-E	1,000	1,000	1,201	5,500	E25
	MSS-E32R90-85-E	1,250	1,000	1,476	6,500	E32
Square shank						
	MSS-E20L90-12-E	0,750	0,750	0,965	4,500	E20
	MSS-E25L90-16-E	1,000	1,000	1,201	5,500	E25
	MSS-E32L90-85-E	1,250	1,000	1,476	6,500	E32
Square shank						

 $l_1 = l_{21} + s/2$ | 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		FS1054 (T20) 2,213 lbs	FS1055 (T25) 2,213 lbs
	Handle key		FS1048 (T20)	FS1049 (T25)

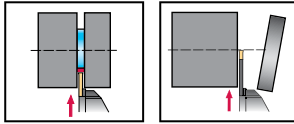
Grooving module – Radial grooving

G2632-E...R/L...-SX

Walter Cut



A2



Tool

	Designation	s mm	T _{max} mm	D ₂ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type		
	G2632-E20R-2T20SX	2	20	65	4,4	42	1,6	E20	SX-2E2		
	G2632-E25R-2T20SX		20	80	5,9	48	1,6	E25			
		G2632-E20R-3T20SX	3	20	65	4,4	42	2,4	E20	SX-3E3	
		G2632-E25R-3T25SX		25	90	5,9	53	2,4	E25		
		G2632-E25R-3T35SX		35	80	5,9	63	2,4	E25		
		G2632-E32R-3T45SX	4	45	90	5,9	80	2,4	E32	SX-4E4	
G2632-E20R-4T20SX		20		65	4,4	42	3,4	E20			
G2632-E25R-4T35SX		35		80	5,9	63	3,4	E25			
	G2632-E32R-4T45SX	5	45	90	5,9	80	3,4	E32	SX-5E5		
	G2632-E25R-5T35SX		35	80	5,9	63	4,3	E25			
	G2632-E32R-5T45SX		45	90	5,9	80	4,3	E32			
	G2632-E25R-6T35SX	6	35	80	5,9	63	5,3	E25	SX-6E6		
	G2632-E32R-6T45SX		45	90	5,9	80	5,3	E32			
		G2632-E20L-2T20SX	2	20	65	4,4	42	1,6	E20	SX-2E2	
		G2632-E25L-2T20SX		20	80	5,9	48	1,6	E25		
			G2632-E20L-3T20SX	3	20	65	4,4	42	2,4	E20	SX-3E3
			G2632-E25L-3T25SX		25	90	5,9	53	2,4	E25	
G2632-E25L-3T35SX			35		80	5,9	63	2,4	E25		
		G2632-E25L-3T45SX	4	45	90	5,9	80	2,4	E32	SX-4E4	
	G2632-E20L-4T20SX	20		65	4,4	42	3,4	E20			
	G2632-E25L-4T35SX	35		80	5,9	63	3,4	E25			
	G2632-E32L-4T45SX	5	45	90	5,9	80	3,4	E32	SX-5E5		
	G2632-E25L-5T35SX		35	80	5,9	63	4,3	E25			
	G2632-E32L-5T45SX		45	90	5,9	80	4,3	E32			
	G2632-E25L-6T35SX	6	35	80	5,9	63	5,3	E25	SX-6E6		
	G2632-E32L-6T45SX		45	90	5,9	80	5,3	E32			
	G2632-E32N-8T45SX	8	45	90	5,9	80	6,8	E32	SX-8E8		

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

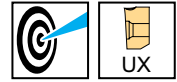
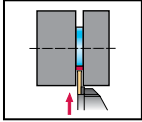
Shank tool – Radial grooving

G2016...-P

Walter Cut



- Screw clamping
- Precision cooling



Tool

	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 ..

Square shank

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the 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	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)


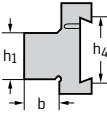
Clamping block

SBN

Walter Cut




A2

Tool	Designation	h_4	h_1 mm	b mm	l_1 mm
 	SBN2020-26-K	26	20	20	90
	SBN2520-32-K	32	25	20	110
	SBN3229-32-K	32	32	29	120
	SBN3229-46-K	46	32	29	150
	SBN4037-46-K	46	40	37	150

Square shank

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

Assembly parts	h_1 [mm]	20-25	32	40
	Clamping screw	M06X025 ISO4762 12.9 (SW 5)	M06X025 ISO4762 12.9 (SW 5)	M08X035 ISO4762 12.9 (SW 6)

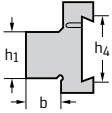
Clamping block

 SBN inch

Walter Cut



A2

Tool


Square shank

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

Assembly parts
 h_1 [inch]

0,75-1,25



Clamping screw

M06X025 ISO4762 12.9 (SW 5)

Clamping block with internal coolant

G2661...-P

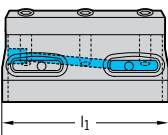
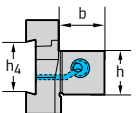

Walter Cut








A2

- Precision cooling
- Clamping block for parting blades



Tool		Designation	h_4	h mm	b mm	l_1 mm
 		G2661-1616N-26-P	26	16	16	95
		G2661-2020N-26-P	26	20	20	95
		G2661-2020N-32-P	32	20	20	95
		G2661-2525N-32-P	32	25	25	95
		G2661-3225N-32-P	32	32	25	95
		G2661-3225N-52-P	52	32	25	140
		G2661-4032N-52-P	52	40	32	140
		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 [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

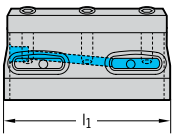
Walter Cut



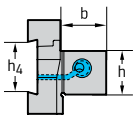
- Precision cooling
- Clamping block for parting blades



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

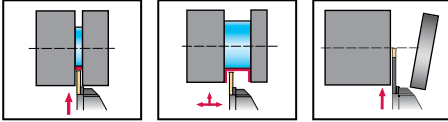
G3011-C...-P

Walter Cut



A2

- Walter Capto™
- Screw clamping



Tool		s mm	T _{max} mm	d ₁	f ₁ mm	l ₄ mm	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	G3011-C3R-MX22-2-P	0.5 - 3.3	6	C3	20	45	MX22-2E ..
	G3011-C4R-MX22-2-P			C4	20	60	
	G3011-C5R-MX22-2-P			C5	25	60	
	G3011-C6R-MX22-2-P			C6	32	65	
	G3011-C4R-MX22-4-P	4 - 5.7	6	C4	20	60	MX22-4E ..
	G3011-C5R-MX22-4-P			C5	25	60	
	G3011-C6R-MX22-4-P			C6	32	65	
	G3011-C3L-MX22-2-P	0.5 - 3.3	6	C3	20	45	MX22-2E ..
	G3011-C4L-MX22-2-P			C4	20	60	
	G3011-C5L-MX22-2-P			C5	25	60	
	G3011-C6L-MX22-2-P			C6	32	65	
	G3011-C4L-MX22-4-P	4 - 5.7	6	C4	20	60	MX22-4E ..
G3011-C5L-MX22-4-P	C5			25	60		
G3011-C6L-MX22-4-P	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)

A2

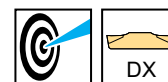
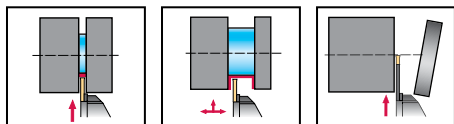
Groove turning holders – Radial grooving

 G4011-C...-P

Walter Cut



- Walter Capto™
- Screw clamping



Tool		s	T _{max}	D ₂	d ₁	f ₁	l ₄	s ₁	Type
		mm	mm	mm		mm	mm	mm	
	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

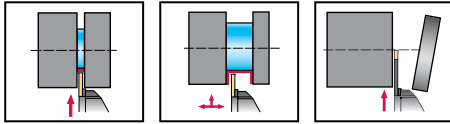
G1011-C...-P

Walter Cut



A2

- Walter Capto™
- Screw clamping



Tool		Designation	s mm	T _{max} mm	D ₂ mm	d ₁	f ₁ mm	l ₄ mm	s ₁ mm	Type	
		G1011-C3R-3T21GX24-P	3	21	65	C3	20,5	60	2,4	GX24-2E3 .. GX24-2F3 ..	
		G1011-C4R-3T21GX24-P		21		C4	25,5				
		G1011-C5R-3T21GX24-P		21		C5	30,5				
			G1011-C4L-4T21GX24-P	4	21	65	C4	25	65	3,4	GX24-3E4 .. GX24-3F4 ..
			G1011-C5L-4T21GX24-P		21		C5	30			
			G1011-C6L-4T21GX24-P		21		C6	36			
			G1011-C4L-5T21GX24-P	5	21	65	C4	24,5	65	4,2	GX24-3E5 .. GX24-3F5 ..
			G1011-C5L-5T21GX24-P		21		C5	30			
			G1011-C6L-5T21GX24-P		21		C6	36			
	Walter Capto™ in acc. with ISO 26623		G1011-C3L-3T21GX24-P	3	21	65	C3	20,5	60	2,4	GX24-2E3 .. GX24-2F3 ..
			G1011-C4L-3T21GX24-P		21		C4	25,5			
			G1011-C5L-3T21GX24-P		21		C5	30,5			
			G1011-C4L-4T21GX24-P	4	21	65	C4	25	65	3,4	GX24-3E4 .. GX24-3F4 ..
			G1011-C5L-4T21GX24-P		21		C5	30			
			G1011-C6L-4T21GX24-P		21		C6	36			
			G1011-C4L-5T21GX24-P	5	21	65	C4	24,5	65	4,2	GX24-3E5 .. GX24-3F5 ..
			G1011-C5L-5T21GX24-P		21		C5	30			
			G1011-C6L-5T21GX24-P		21		C6	36			

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

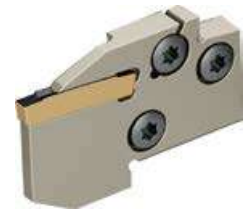
Assembly parts

	s [mm]	3–5
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

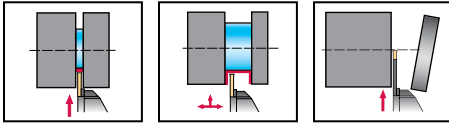
Accessories

	s [mm]	3–5
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Grooving module – Radial grooving

 MSS...E...
Walter Cut


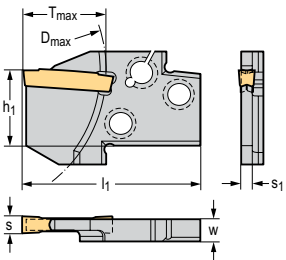
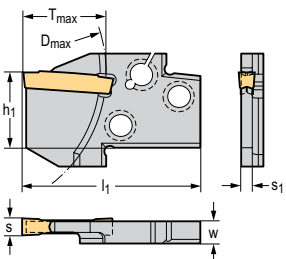
– Screw clamping


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 .. GX16-1E .. GX16-2E ..	
	MSS-E25R03-GX16-2		3	79	20	5,9	38	2	E25		
	MSS-E32R03-GX16-2		3	100	25,5	5,9	45	2	E32		
	MSS-E16R02-GX09-1	MSS-E16R07-GX09-1	2	2	52	12,5	3,9	24	1,3	E16	GX09-1E ..
	MSS-E20R12-GX16-1			7	52	12,5	3,9	24	1,3	E16	GX09-1E1 ..
	MSS-E25R12-GX16-1	MSS-E16R07-GX09-2	3	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-E16R07-GX09-2			7	52	12,5	3,9	24	2	E16	GX09-2E3 ..
	MSS-E20R12-GX16-2			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	MSS-E25R12-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	MSS-E25R21-GX24-4	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 ..	

 Refer to the Walter online catalogue for more product information: www.walter-tools.com

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-E20L03-GX16-2	0,6 - 3	3	63	16	4,4	33	2	E20	GX16-0E .. GX16-1E .. GX16-2E ..			
	MSS-E25L03-GX16-2		3	79	20	5,9	38	2	E25				
	MSS-E32L03-GX16-2		3	100	25,5	5,9	45	2	E32				
	MSS-E16L02-GX09-1	MSS-E16L07-GX09-1	2	2	52	12,5	3,9	24	1,3	E16	GX09-1E ..		
	MSS-E16L07-GX09-1			7	52	12,5	3,9	24	1,3	E16	GX09-1E1 ..		
	MSS-E20L12-GX16-1	MSS-E25L12-GX16-1	3	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-E16L07-GX09-2			7	52	12,5	3,9	24	2	E16	GX09-2E3 ..		
	MSS-E20L12-GX16-2			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			MSS-E25L12-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 ..			

Refer to the Walter online catalogue for more product information: www.walter-tools.com

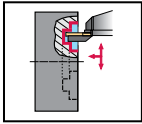
Grooving module – Axial grooving

 MSS...E...A

Walter Cut



– Screw clamping

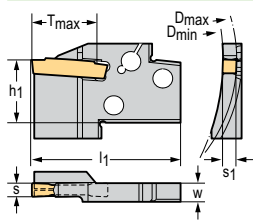


Tool

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	4 - 5	15	100	150	25,5	5,9	54	3	E32	GX24-4E6 ..
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	
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	4 - 5	15	100	150	25,5	5,9	54	3	E32	GX24-4E6 ..
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	
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	
MSS-E32L15-GX24-4A150300	15		150	300	25,5	5,9	54	4,2	E32	
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	

 Refer to the Walter online catalogue for more product information: www.walter-tools.com

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-GX24-4A300900	6	15	300	900	25,5	5,9	54	4,2	E32	GX24-4E6 ..
MSS-E32L15-GX24-4A70100		15	70	100	25,5	5,9	54	4,2	E32	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

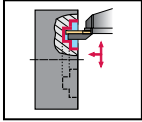
Grooving module – Axial grooving

 MSS...E...C

Walter Cut



– Screw clamping



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) 2 Nm
	Handle key for grooving insert	FS1047 (T15)

Turning toolholder – modular

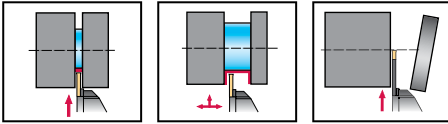
C...-MSS

Walter Cut



A2

- Walter Capto™
- Screw clamping



Tool

Tool		Designation	d ₁	f mm	l ₁ mm	Module size
		C3-MSS-E20R00	C3	20	36,5	E20
		C4-MSS-E25R00	C4	26	47,5	E25
		C5-MSS-E25R00	C5	31	47,5	E25
		C6-MSS-E25R00	C6	37	53,5	E25
		C6-MSS-E32R00	C6	37	53,5	E32
Walter Capto™ in acc. with ISO 26623						
		C3-MSS-E20L00	C3	20	36,5	E20
		C4-MSS-E25L00	C4	26	47,5	E25
		C5-MSS-E25L00	C5	31	47,5	E25
		C6-MSS-E25L00	C6	37	53,5	E25
		C6-MSS-E32L00	C6	37	53,5	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	E20 C3	E25 C4	E25 C5–C6	E32 C6
	Cooling nozzle	FS1477	FS1477		
	C6 cooling lubricant nozzle			FS1476	FS1476
	Screw for grooving module Tightening torque	FS1053 (T15) 2 Nm	FS1054 (T20) 3 Nm	FS1054 (T20) 3 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)	FS1049 (T25)

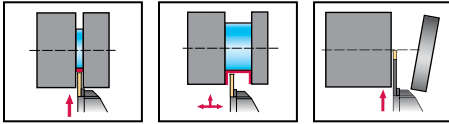
Turning toolholder – modular

 C...-MSS...90

Walter Cut



- Walter Capto™
- Screw clamping



Tool

Tool		Designation	d ₁	f mm	l ₁ mm	Module size
		C4-MSS-E25R90	C4	25,5	48,5	E25
		C5-MSS-E25R90	C5	30,5	48,5	E25
		C6-MSS-E32R90	C6	32,5	57	E32
Walter Capto™ in acc. with ISO 26623						
		C4-MSS-E25L90	C4	25,5	48,5	E25
		C5-MSS-E25L90	C5	30,5	48,5	E25
		C6-MSS-E32L90	C6	32,5	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) 3 Nm	FS1054 (T20) 3 Nm	FS1055 (T25) 3 Nm
	Handle key	FS1048 (T20)	FS1048 (T20)	FS1049 (T25)

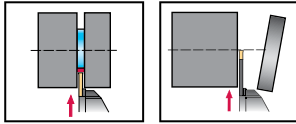
Grooving module – Radial grooving

G2632-E...R/L...-SX

Walter Cut



A2



Tool

Designation	s mm	T _{max} mm	D ₂ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
G2632-E20R-2T20SX	2	20	65	4,4	42	1,6	E20	SX-2E2
G2632-E25R-2T20SX		20	80	5,9	48	1,6	E25	
G2632-E20R-3T20SX	3	20	65	4,4	42	2,4	E20	SX-3E3
G2632-E25R-3T25SX		25	90	5,9	53	2,4	E25	
G2632-E25R-3T35SX		35	80	5,9	63	2,4	E25	
G2632-E32R-3T45SX	4	45	90	5,9	80	2,4	E32	SX-4E4
G2632-E20R-4T20SX		20	65	4,4	42	3,4	E20	
G2632-E25R-4T35SX		35	80	5,9	63	3,4	E25	
G2632-E32R-4T45SX	5	45	90	5,9	80	3,4	E32	SX-5E5
G2632-E25R-5T35SX		35	80	5,9	63	4,3	E25	
G2632-E32R-5T45SX		45	90	5,9	80	4,3	E32	
G2632-E25R-6T35SX	6	35	80	5,9	63	5,3	E25	SX-6E6
G2632-E32R-6T45SX		45	90	5,9	80	5,3	E32	
G2632-E20L-2T20SX	2	20	65	4,4	42	1,6	E20	SX-2E2
G2632-E25L-2T20SX		20	80	5,9	48	1,6	E25	
G2632-E20L-3T20SX	3	20	65	4,4	42	2,4	E20	SX-3E3
G2632-E25L-3T25SX		25	90	5,9	53	2,4	E25	
G2632-E25L-3T35SX		35	80	5,9	63	2,4	E25	
G2632-E32L-3T45SX	4	45	90	5,9	80	2,4	E32	SX-4E4
G2632-E20L-4T20SX		20	65	4,4	42	3,4	E20	
G2632-E25L-4T35SX		35	80	5,9	63	3,4	E25	
G2632-E32L-4T45SX	5	45	90	5,9	80	3,4	E32	SX-5E5
G2632-E25L-5T35SX		35	80	5,9	63	4,3	E25	
G2632-E32L-5T45SX		45	90	5,9	80	4,3	E32	
G2632-E25L-6T35SX	6	35	80	5,9	63	5,3	E25	SX-6E6
G2632-E32L-6T45SX		45	90	5,9	80	5,3	E32	
G2632-E32N-8T45SX	8	45	90	5,9	80	6,8	E32	SX-8E8

Refer to the Walter online catalogue for more product information: www.walter-tools.com

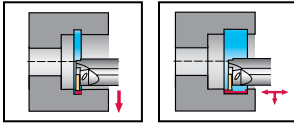
Accessories

s [mm]	2-6	8
Mounting wrench for grooving insert	FS1494	FS2274

Boring bar – Internal grooving

 G3221...-P
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	30	72	248,3	250	MX22-2E ..
	G3221-32SL-MX22-2-P	0.5 - 3.3	4	80	32	30	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

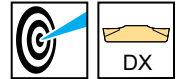
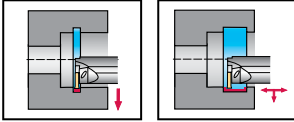
G4221...-P

Walter Cut



A2

- 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	FS2003
	Interchangeable blade	FS2015 (T20IP)	FS2016 (T25IP)
	Torque screwdriver, digital	FS2248	FS2248

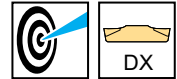
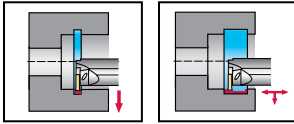
Boring bar – Internal grooving

G4221...-P inch

Walter Cut



- Screw clamping
- Precision cooling



Tool

	Designation	s inch	T _{max} inch	D _{min} inch	d ₁ inch	f inch	l ₄ inch	l _{z1} 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

$l_1 = l_{z1} + s/2$ | 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	FS2004
	Interchangeable blade	FS2015 (T20IP)	FS2016 (T25IP)
	Torque screwdriver, digital	FS2248	FS2248

Boring bar – Internal grooving

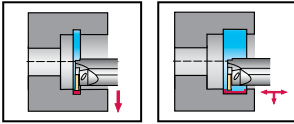
I12

Walter Cut

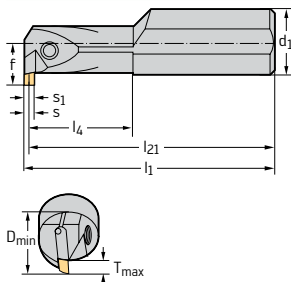


A2

– Screw clamping




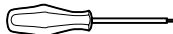
Tool

	Designation	s mm	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 ..

Cylindrical 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] 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)

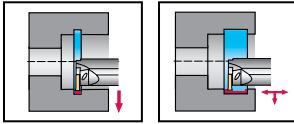
Boring bar – Internal grooving

 G1221...-P

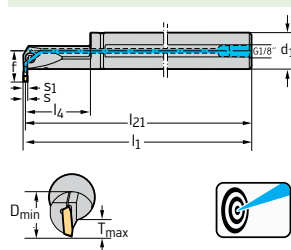
Walter Cut



- Screw clamping
- Precision cooling



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	40	32,6	72	299	300,45	
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	40	32,6	72	299	300,45	
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	FS2003
	Interchangeable blade	FS2016 (T25IP)	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248	FS2248

Boring bar – Internal grooving

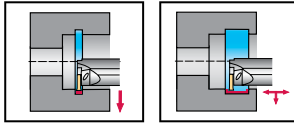
G1221...-P inch

Walter Cut



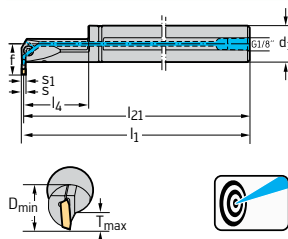
A2

- Screw clamping
- Precision cooling



Tool

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 ..
G1221.24TR-5T12-GX24-P	0,197 - 0,236	0,472	1,500	1,500	1,244	2,799	11,736	11,835	0,150	
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 ..
G1221.24TL-5T12-GX24-P	0,197 - 0,236	0,472	1,500	1,500	1,244	2,799	11,736	11,835	0,150	



Cylindrical shank with flat

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 - 0,197 - 0,236 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	0,197 - 0,236 1,5	0,157 1,5
	Torque screwdriver, analogue	FS2004	FS2003	FS2004
	Interchangeable blade	FS2014 (T15IP)	FS2016 (T25IP)	FS2016 (T25IP)
	Torque screwdriver, digital	FS2248	FS2248	FS2248

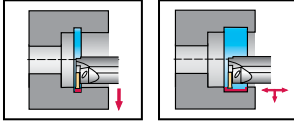
Boring bar – modular

 MSS...I...90-1.5 mm

Walter Cut



– Screw clamping



Tool

	Designation	d ₁ mm	l ₁₆ mm	l ₅ mm	l ₁ mm	Module size
 Cylindrical shank	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
 Cylindrical shank	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) 3 Nm
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

Boring bar – modular

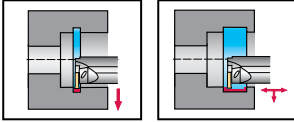
MSS...I...90-2.5 mm

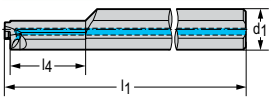
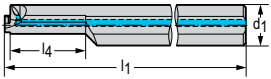
Walter Cut





A2

– Screw clamping



Tool	Designation	d ₁ mm	l ₄ mm	l ₁ mm	Module size
 Cylindrical shank	MSS-I16R90-2,5D-N	20	36,2	179,7	I16
	MSS-I20R90-2,5D-N	25	46,2	199,7	I20
	MSS-I25R90-2,5D-N	32	59,2	249,7	I25
	MSS-I32R90-2,5D-N	40	74,1	299,6	I32
	MSS-I40R90-2,5D-N	50	94,1	349,6	I40
 Cylindrical shank	MSS-I16L90-2,5D-N	20	36,2	179,7	I16
	MSS-I20L90-2,5D-N	25	46,2	199,7	I20
	MSS-I25L90-2,5D-N	32	59,2	249,7	I25
	MSS-I32L90-2,5D-N	40	74,1	299,6	I32
	MSS-I40L90-2,5D-N	50	94,1	349,6	I40

Refer to the Walter online 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) 3 Nm
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

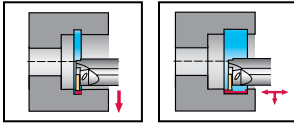
Boring bar – modular

 MSS...I...90-1.5 inch

Walter Cut



– Screw clamping


Tool

	Designation	d ₁ inch	l ₁₆ inch	l ₅ inch	l ₁ inch	Module size
 Cylindrical shank	MSS-I16R90-1,5D-E	0,750	0,795	1,969	3,217	I16
	MSS-I20R90-1,5D-E	0,750	1,031	1,969	3,413	I20
	MSS-I25R90-1,5D-E	1,000	1,425	2,205	4,004	I25
	MSS-I32R90-1,5D-E	1,500	1,618	2,362	4,669	I32
	MSS-I40R90-1,5D-E	2,000	2,130	2,756	5,575	I40
 Cylindrical shank	MSS-I16L90-1,5D-E	0,750	0,795	1,969	3,217	I16
	MSS-I20L90-1,5D-E	0,750	1,031	1,969	3,413	I20
	MSS-I25L90-1,5D-E	0,750	1,425	2,205	4,004	I25
	MSS-I32L90-1,5D-E	1,500	1,618	2,362	4,669	I32
	MSS-I40L90-1,5D-E	2,000	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) 2,213 lbs
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

Boring bar – modular

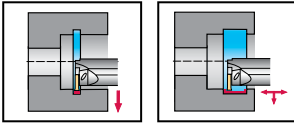
MSS...l...90-2.5 inch

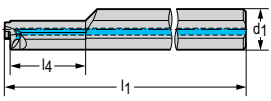
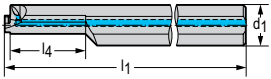
Walter Cut





A2

– Screw clamping



Tool		Designation	d ₁ inch	l ₄ inch	l ₁ inch	Module size
 Cylindrical shank		MSS-I16R90-2,5D-E	0,750	1,425	7,075	I16
		MSS-I20R90-2,5D-E	0,750	1,819	7,862	I20
		MSS-I25R90-2,5D-E	1,000	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	0,750	1,819	7,862	I20
		MSS-I25L90-2,5D-E	1,000	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		I16	I20	I25	I32	I40
	Screw for grooving module Tightening torque	FS1051 (T8) 1,475 lbs	FS1056 (T10) 1,475 lbs	FS1052 (T15) 1,475 lbs	FS1057 (T20) 2,213 lbs	FS1054 (T20) 2,213 lbs
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

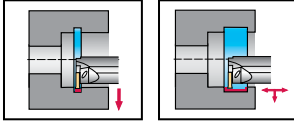
Grooving module – Internal grooving

 MSS...l...

Walter Cut



– Screw clamping

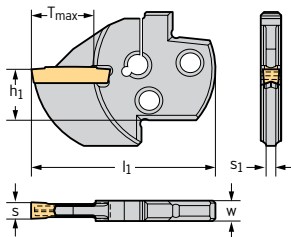


Tool

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 .. GX16-1E .. GX16-2E ..	
MSS-I40R03-GX16-2		3	50	15,5	5,9	47	2	I40		
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	30	1,3	I25	GX09-1E ..	
MSS-I25R06-GX09-1		6	32	9,8	3,8	30	1,3	I25	GX09-1E1 ..	
MSS-I32R09-GX16-1		9	40	12,3	5,9	38	1,3	I32	GX16-1E2 ..	
MSS-I40R10-GX16-1		10	50	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	30	2	I25		
MSS-I32R09-GX16-2	9		40	12,3	5,9	38	2	I32	GX16-2E3 ..	
MSS-I40R10-GX16-2	10		50	15,5	5,9	47	2	I40		
MSS-I32R09-GX16-3	4 - 5		9	40	12,3	5,9	38	3		I32
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	GX09-1E ..	
MSS-I16L04-GX09-1		4	20	6,3	3,8	19	1,3	I16	GX09-1E1 ..	
MSS-I20L02-GX09-1		2	25	7,6	3,8	23	1,3	I20	GX09-1E ..	
MSS-I20L05-GX09-1		5	25	7,6	3,8	23	1,3	I20	GX09-1E1 ..	
MSS-I25L02-GX09-1		2	32	9,8	3,8	30	1,3	I25	GX09-1E ..	
MSS-I25L06-GX09-1		6	32	9,8	3,8	30	1,3	I25	GX09-1E1 ..	
MSS-I32L09-GX16-1		9	40	12,3	5,9	38	1,3	I32	GX16-1E2 ..	
MSS-I40L10-GX16-1		10	50	15,5	5,9	47	1,3	I40		
MSS-I16L04-GX09-2		3	4	20	6,3	3,8	19	2	I16	GX09-2E3 ..
MSS-I20L05-GX09-2			5	25	7,6	3,8	23	2	I20	
MSS-I25L06-GX09-2	6		32	9,8	3,8	30	2	I25		
MSS-I32L09-GX16-2	9		40	12,3	5,9	38	2	I32	GX16-2E3 ..	
MSS-I40L10-GX16-2	10	50	15,5	5,9	47	2	I40			
MSS-I32L09-GX16-3	4 - 5	9	40	12,3	5,9	38	3	I32	GX16-3E ..	
MSS-I40L10-GX16-3		10	50	15,5	5,9	47	3	I40		
MSS-I32L09-GX16-4	6	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

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 ..

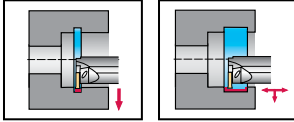
Refer to the Walter online catalogue for more product information: www.walter-tools.com

A2

Exchangeable head – Internal grooving

 G4221-Q...-P mm
Walter Cut


- QuadFit
- For Accure-tec boring bars



Tool

	Designation	s mm	T _{max} mm	D _{min} mm	d ₁ mm	f mm	l ₄ mm	l _{z1} mm	s ₁ mm	Type
 QuadFit	G4221-Q32R-3T12DX18-P	3	12	50	32	29,7	22,4	30,5	2,4	DX18-3E3 .. DX18-3F3 ..
	G4221-Q40R-3T12DX18-P		12	55	40	33,7	22,4	30,5	2,4	
	G4221-Q50R-3T12DX18-P		12	80	50	38,7	22,3	30,5	2,4	
	G4221-Q32L-4T12DX18-P	4	12	50	32	29,7	22,4	30	3,4	DX18-4E4 .. DX18-4F4 ..
	G4221-Q40L-4T12DX18-P		12	55	40	33,7	22,4	30	3,4	
	G4221-Q50L-4T21DX18-P		21	80	50	47,7	22,3	30	3,4	
	G4221-Q32L-3T12DX18-P	3	12	50	32	29,7	22,4	30,5	2,4	DX18-3E3 .. DX18-3F3 ..
	G4221-Q40L-3T12DX18-P		12	55	40	33,7	22,4	30,5	2,4	
	G4221-Q50L-3T12DX18-P		12	80	50	38,7	22,3	30,5	2,4	
	G4221-Q32L-4T12DX18-P	4	12	50	32	29,7	22,4	30	3,4	DX18-4E4 .. DX18-4F4 ..
	G4221-Q40L-4T12DX18-P		12	55	40	33,7	22,4	30	3,4	
	G4221-Q50L-4T21DX18-P		21	80	50	47,7	22,3	30	3,4	

Dimensional drawing shows right-hand version. | $l_1 = l_{z1} + s/2$ | 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

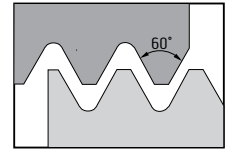
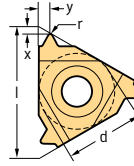
Machining	Internal machining				
Indexable inserts					
Thread type	55° partial profile	60° partial profile	full profile, American UN 60°	full profile, ISO metric 60°	full profile, Whitworth
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●	●	●	●
Pitch P [mm]	0,5–5,0			0,5–5,0	
Pitch in threads per inch [TPI]	5,0–48,0	8,0–27,0	8,0–32,0	5,08–50,8	8,0–28,0
Page in catalogue	A 556	A 563	A 559	A 557	A 561
QR code					
www.walter-tools.com/woc/	NTS	NTS	NTS	NTS	NTS

Machining	External machining				
Indexable inserts					
Thread type	60° partial profile	full profile, American NPT	full profile, American UN 60°	full profile, ISO metric 60°	full profile, Whitworth
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●	●	●	●
Pitch P [mm]	0,5–1,5	0,5–5,0		0,5–5,0	
Pitch in threads per inch [TPI]	16,0–48,0	5,0–48,0	8,0–64,0	5,08–50,8	8,0–48,0
Page in catalogue	A 556	A 556	A 560	A 558	A 562
QR code					
www.walter-tools.com/woc/	NTS	NTS	NTS	NTS	NTS

WALTER SELECT ●● Primary application ● Other application




External thread turning inserts – 60° partial profile

NTS



A3

Indexable inserts

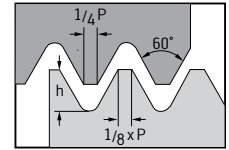
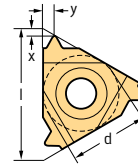
Designation	Pitch (P) mm	Lead (TPI) in	l mm	d mm	r mm	X mm	Y mm	P			M	
								HC			HC	
								WXM20	WXP20	WMP32	WXM20	WMP32
 NTS-EL-16 AG60 NTS-EL-16 G60 NTS-EL-22 N60 NTS-ER-16 AG60 NTS-ER-16 G60 NTS-ER-22 N60	0,5-3	48-8	16	9,525	0,08	1,2	1,7	☺	☺	☺	☺	☺
	1,75-3	14-8	16	9,525	0,27	1,2	1,7	☺	☺	☺	☺	☺
	3,5-5	7-5	22	12,7	0,53	1,7	2,5	☺	☺	☺	☺	☺
	0,5-3	48-8	16	9,525	0,08	1,2	1,7	☺	☺	☺	☺	☺
	1,75-3	14-8	16	9,525	0,27	1,2	1,7	☺	☺	☺	☺	☺
 NTS-IL-11 A60 NTS-IL-16 AG60 NTS-IL-16 G60 NTS-IR-11 A60 NTS-IR-16 AG60 NTS-IR-16 G60 NTS-IR-22 N60	0,5-1,5	48-16	11	6,35	0,05	0,8	0,9	☺	☺	☺	☺	☺
	0,5-3	48-8	16	9,525	0,05	1,2	1,7	☺	☺	☺	☺	☺
	1,75-3	14-8	16	9,525	0,16	1,2	1,7	☺	☺	☺	☺	☺
	0,5-1,5	48-16	11	6,35	0,05	0,8	0,9	☺	☺	☺	☺	☺
	0,5-3	48-8	16	9,525	0,05	1,2	1,7	☺	☺	☺	☺	☺
	1,75-3	14-8	16	9,525	0,16	1,2	1,7	☺	☺	☺	☺	☺
 NTS-IL-11 A55 NTS-IR-11 A55	0,5-1,5	48-16	11	6,35	0,05	0,8	0,9	☺	☺	☺	☺	☺
	0,5-1,5	48-16	11	6,35	0,05	0,8	0,9	☺	☺	☺	☺	☺

Ordering example for the grade WXM20: NTS-EL-16 AG60 WXM20

HC = Coated carbide

External thread turning inserts – full profile, ISO metric 60°

NTS



Indexable inserts

Designation	Pitch (P) mm	l mm	d mm	h _{min} mm	X mm	Y mm	P			M
							HC			HC
							WXM20	WXP20	WXM20	WXM20
NTS-EL-16 0.50ISO	0.5	16	9,525	0,31	0,6	0,4	☺	☺	☺	☺
NTS-EL-16 0.60ISO	0.6	16	9,525	0,37	0,6	0,6	☺	☺	☺	☺
NTS-EL-16 0.70ISO	0.7	16	9,525	0,43	0,6	0,6	☺	☺	☺	☺
NTS-EL-16 0.75ISO	0.75	16	9,525	0,46	0,6	0,6	☺	☺	☺	☺
NTS-EL-16 0.80ISO	0.8	16	9,525	0,49	0,6	0,6	☺	☺	☺	☺
NTS-EL-16 1.00ISO	1	16	9,525	0,61	0,7	0,7	☺	☺	☺	☺
NTS-EL-16 1.25ISO	1.25	16	9,525	0,77	0,8	0,9	☺	☺	☺	☺
NTS-EL-16 1.50ISO	1.5	16	9,525	0,92	0,8	1	☺	☺	☺	☺
NTS-EL-16 1.75ISO	1.75	16	9,525	1,07	0,9	1,2	☺	☺	☺	☺
NTS-EL-16 2.00ISO	2	16	9,525	1,23	1	1,3	☺	☺	☺	☺
NTS-EL-16 2.50ISO	2.5	16	9,525	1,53	1,1	1,5	☺	☺	☺	☺
NTS-EL-16 3.00ISO	3	16	9,525	1,84	1,2	1,6	☺	☺	☺	☺
NTS-EL-22 3.50ISO	3.5	22	12,7	2,15	2,2	2,3	☺	☺	☺	☺
NTS-EL-22 4.50ISO	4.5	22	12,7	2,76	2,8	2,4	☺	☺	☺	☺
NTS-EL-22 5.00ISO	5	22	12,7	3,07	3,1	2,5	☺	☺	☺	☺
NTS-ER-16 0.50ISO	0.5	16	9,525	0,31	0,6	0,4	☺	☺	☺	☺
NTS-ER-16 0.60ISO	0.6	16	9,525	0,37	0,6	0,6	☺	☺	☺	☺
NTS-ER-16 0.70ISO	0.7	16	9,525	0,43	0,6	0,6	☺	☺	☺	☺
NTS-ER-16 0.75ISO	0.75	16	9,525	0,46	0,6	0,6	☺	☺	☺	☺
NTS-ER-16 0.80ISO	0.8	16	9,525	0,49	0,6	0,6	☺	☺	☺	☺
NTS-ER-16 1.00ISO	1	16	9,525	0,61	0,7	0,7	☺	☺	☺	☺
NTS-ER-16 1.25ISO	1.25	16	9,525	0,77	0,8	0,9	☺	☺	☺	☺
NTS-ER-16 1.50ISO	1.5	16	9,525	0,92	0,8	1	☺	☺	☺	☺
NTS-ER-16 1.75ISO	1.75	16	9,525	1,07	0,9	1,2	☺	☺	☺	☺
NTS-ER-16 2.00ISO	2	16	9,525	1,23	1	1,3	☺	☺	☺	☺
NTS-ER-16 2.50ISO	2.5	16	9,525	1,53	1,1	1,5	☺	☺	☺	☺
NTS-ER-16 3.00ISO	3	16	9,525	1,84	1,2	1,6	☺	☺	☺	☺
NTS-ER-22 3.50ISO	3.5	22	12,7	2,15	1,6	2,3	☺	☺	☺	☺
NTS-ER-22 4.00ISO	4	22	12,7	2,45	1,6	2,3	☺	☺	☺	☺
NTS-ER-22 4.50ISO	4.5	22	12,7	2,76	1,7	2,4	☺	☺	☺	☺
NTS-ER-22 5.00ISO	5	22	12,7	3,07	1,7	2,5	☺	☺	☺	☺

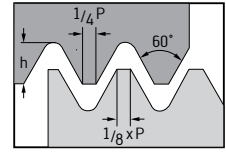
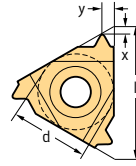
Ordering example for the grade WXM20: NTS-EL-16 0.50ISO WXM20

HC = Coated carbide

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

Internal thread turning inserts – full profile, ISO metric 60°

NTS



A3

Indexable inserts

Designation	Pitch (P) mm	l mm	d mm	h _{min} mm	X mm	Y mm	P			M	
							HC			HC	
							WXM20	WXP20	WMP32	WXM20	WMP32
NTS-IL-11 0.75ISO	0.75	11	6.35	0.43	0.6	0.6			☺	☺	☺
NTS-IL-11 0.80ISO	0.8	11	6.35	0.46	0.6	0.6			☺	☺	☺
NTS-IL-11 1.00ISO	1	11	6.35	0.58	0.6	0.7			☺	☺	☺
NTS-IL-11 1.25ISO	1.25	11	6.35	0.72	0.8	0.9			☺	☺	☺
NTS-IL-11 1.50ISO	1.5	11	6.35	0.87	0.8	1			☺	☺	☺
NTS-IL-11 1.75ISO	1.75	11	6.35	1.01	0.9	1.1			☺	☺	☺
NTS-IL-11 2.00ISO	2	11	6.35	1.15	0.9	1.1			☺	☺	☺
NTS-IL-11 2.50ISO	2.5	11	6.35	1.44	0.8	1.1			☺	☺	☺
NTS-IL-16 0.50ISO	0.5	16	9.525	0.29	0.6	0.4	☺			☺	
NTS-IL-16 0.60ISO	0.6	16	9.525	0.35	0.6	0.6	☺			☺	
NTS-IL-16 0.70ISO	0.7	16	9.525	0.4	0.6	0.6	☺			☺	
NTS-IL-16 0.75ISO	0.75	16	9.525	0.43	0.6	0.6	☺	☺		☺	
NTS-IL-16 0.80ISO	0.8	16	9.525	0.46	0.6	0.6	☺	☺		☺	
NTS-IL-16 1.00ISO	1	16	9.525	0.58	0.6	0.7	☺	☺		☺	
NTS-IL-16 1.50ISO	1.5	16	9.525	0.87	0.8	1	☺	☺		☺	
NTS-IL-16 1.75ISO	1.75	16	9.525	1.01	0.9	1.2	☺	☺		☺	
NTS-IL-16 2.00ISO	2	16	9.525	1.15	1	1.3	☺	☺		☺	
NTS-IL-16 2.50ISO	2.5	16	9.525	1.44	1.1	1.5	☺	☺		☺	
NTS-IL-16 3.00ISO	3	16	9.525	1.73	1.1	1.5	☺	☺		☺	
NTS-IL-22 4.00ISO	4	22	12.7	2.31	1.6	2.3	☺			☺	
NTS-IL-22 4.50ISO	4.5	22	12.7	2.6	1.6	2.4	☺			☺	
NTS-IL-22 5.00ISO	5	22	12.7	2.89	1.6	2.3	☺			☺	
NTS-IR-11 0.75ISO	0.75	11	6.35	0.43	0.6	0.6			☺		☺
NTS-IR-11 0.80ISO	0.8	11	6.35	0.46	0.6	0.6			☺		☺
NTS-IR-11 1.00ISO	1	11	6.35	0.58	0.6	0.7			☺		☺
NTS-IR-11 1.25ISO	1.25	11	6.35	0.72	0.8	0.9			☺		☺
NTS-IR-11 1.50ISO	1.5	11	6.35	0.87	0.8	1			☺		☺
NTS-IR-11 1.75ISO	1.75	11	6.35	1.01	0.9	1.1			☺		☺
NTS-IR-11 2.00ISO	2	11	6.35	1.15	0.9	1.1			☺		☺
NTS-IR-11 2.50ISO	2.5	11	6.35	1.44	0.8	1.1			☺		☺
NTS-IR-16 0.50ISO	0.5	16	9.525	0.29	0.6	0.4	☺	☺			
NTS-IR-16 0.60ISO	0.6	16	9.525	0.35	0.6	0.6	☺			☺	
NTS-IR-16 0.70ISO	0.7	16	9.525	0.4	0.6	0.6	☺			☺	
NTS-IR-16 0.75ISO	0.75	16	9.525	0.43	0.6	0.6	☺	☺		☺	
NTS-IR-16 0.80ISO	0.8	16	9.525	0.46	0.6	0.6	☺	☺		☺	
NTS-IR-16 1.00ISO	1	16	9.525	0.58	0.6	0.7	☺	☺		☺	
NTS-IR-16 1.25ISO	1.25	16	9.525	0.72	0.8	0.9	☺	☺		☺	
NTS-IR-16 1.50ISO	1.5	16	9.525	0.87	0.8	1	☺	☺		☺	
NTS-IR-16 1.75ISO	1.75	16	9.525	1.01	0.9	1.2	☺	☺		☺	
NTS-IR-16 2.00ISO	2	16	9.525	1.15	1	1.3	☺	☺		☺	
NTS-IR-16 2.50ISO	2.5	16	9.525	1.44	1.1	1.5	☺	☺		☺	
NTS-IR-16 3.00ISO	3	16	9.525	1.73	1.1	1.5	☺	☺		☺	
NTS-IR-22 3.50ISO	3.5	22	12.7	2.02	1.6	2.3	☺			☺	
NTS-IR-22 4.00ISO	4	22	12.7	2.31	1.6	2.3	☺			☺	
NTS-IR-22 4.50ISO	4.5	22	12.7	2.6	1.6	2.4	☺			☺	
NTS-IR-22 5.00ISO	5	22	12.7	2.89	1.6	2.4	☺			☺	

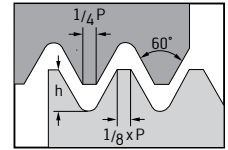
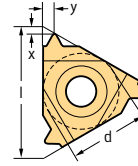
Ordering example for the grade WMP32: NTS-IL-11 0.75ISO WMP32

HC = Coated carbide

WALTER SELECT

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

External thread turning inserts – full profile, American UN 60° NTS



Indexable inserts

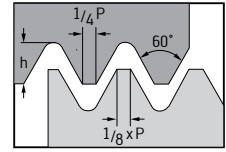
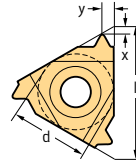
Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P			M
							HC			HC
							WXM20	WXP20	WXM20	WXM20
NTS-ER-16 008UN	8	16	9,525	1,95	1,2	1,6	☺	☺	☺	☺
NTS-ER-16 009UN	9	16	9,525	1,73	1,2	1,7	☺	☺	☺	☺
NTS-ER-16 010UN	10	16	9,525	1,56	1,1	1,5	☺	☺	☺	☺
NTS-ER-16 011UN	11	16	9,525	1,42	1,1	1,5	☺	☺	☺	☺
NTS-ER-16 012UN	12	16	9,525	1,3	1,1	1,4	☺	☺	☺	☺
NTS-ER-16 013UN	13	16	9,525	1,2	1	1,3	☺	☺	☺	☺
NTS-ER-16 014UN	14	16	9,525	1,11	1	1,2	☺	☺	☺	☺
NTS-ER-16 016UN	16	16	9,525	0,97	0,9	1,1	☺	☺	☺	☺
NTS-ER-16 018UN	18	16	9,525	0,87	0,8	1	☺	☺	☺	☺
NTS-ER-16 020UN	20	16	9,525	0,78	0,8	0,9	☺	☺	☺	☺
NTS-ER-16 024UN	24	16	9,525	0,65	0,7	0,8	☺	☺	☺	☺
NTS-ER-16 027UN	27	16	9,525	0,58	0,7	0,8	☺	☺	☺	☺
NTS-ER-16 028UN	28	16	9,525	0,56	0,6	0,7	☺	☺	☺	☺
NTS-ER-16 032UN	32	16	9,525	0,49	0,6	0,6	☺	☺	☺	☺

Ordering example for the grade WXM20: NTS-ER-16 008UN WXM20

HC = Coated carbide

Internal thread turning inserts – full profile, American UN 60°

NTS



A3

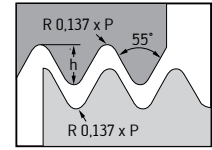
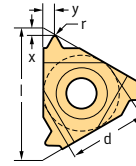
Indexable inserts

Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P			M	
							HC	HC	HC	HC	HC
							WXM20	WXP20	WMP32	WXM20	WMP32
NTS-IR-11 11UN	11	11	6.35	1.33	0.8	1.1			☺	☺	☺
NTS-IR-11 12UN	12	11	6.35	1.22	0.8	1.1			☺	☺	☺
NTS-IR-11 14UN	14	11	6.35	1.05	0.9	1.1			☺	☺	☺
NTS-IR-11 16UN	16	11	6.35	0.92	0.9	1.1			☺	☺	☺
NTS-IR-11 18UN	18	11	6.35	0.81	0.8	1			☺	☺	☺
NTS-IR-11 20UN	20	11	6.35	0.73	0.8	0.9			☺	☺	☺
NTS-IR-11 24UN	24	11	6.35	0.61	0.7	0.8			☺	☺	☺
NTS-IR-11 27UN	27	11	6.35	0.54	0.7	0.8			☺	☺	☺
NTS-IR-11 28UN	28	11	6.35	0.52	0.6	0.7			☺	☺	☺
NTS-IR-11 32UN	32	11	6.35	0.46	0.6	0.6			☺	☺	☺
NTS-IR-11 36UN	36	11	6.35	0.41	0.6	0.6			☺	☺	☺
NTS-IR-11 40UN	40	11	6.35	0.37	0.6	0.6			☺	☺	☺
NTS-IR-11 56UN	56	11	6.35	0.26	0.7	0.4			☺	☺	☺
NTS-IR-11 64UN	64	11	6.35	0.23	0.8	0.4			☺	☺	☺
NTS-IR-16 008UN	8	16	9.525	1.83	1.1	1.5	☺			☺	
NTS-IR-16 009UN	9	16	9.525	1.63	1.2	1.7	☺			☺	
NTS-IR-16 010UN	10	16	9.525	1.47	1.1	1.5	☺			☺	
NTS-IR-16 011UN	11	16	9.525	1.33	1.1	1.5	☺			☺	
NTS-IR-16 012UN	12	16	9.525	1.22	1.1	1.4	☺	☺		☺	
NTS-IR-16 013UN	13	16	9.525	1.13	1	1.3	☺			☺	
NTS-IR-16 014UN	14	16	9.525	1.05	0.9	1.2	☺			☺	
NTS-IR-16 016UN	16	16	9.525	0.92	0.9	1.1	☺			☺	
NTS-IR-16 018UN	18	16	9.525	0.81	0.8	1	☺			☺	
NTS-IR-16 020UN	20	16	9.525	0.73	0.8	0.9	☺			☺	

Ordering example for the grade WMP32: NTS-IR-11 11UN WMP32

HC = Coated carbide

External thread turning inserts – full profile, Whitworth NTS



Indexable inserts

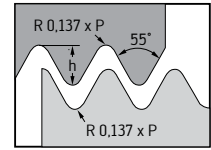
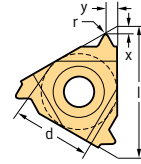
Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P			M		
							HC			HC		
							WXM20	WXP20	WXM20	WXM20	WXP20	WXM20
NTS-ER-16 008W	8	16	9,525	2,03	1,2	1,5	☺	☺	☺	☺	☺	☺
NTS-ER-16 009W	9	16	9,525	1,81	1,2	1,7	☺	☺	☺	☺	☺	☺
NTS-ER-16 010W	10	16	9,525	1,63	1,1	1,5	☺	☺	☺	☺	☺	☺
NTS-ER-16 011W	11	16	9,525	1,48	1,1	1,5	☺	☺	☺	☺	☺	☺
NTS-ER-16 012W	12	16	9,525	1,36	1,1	1,4	☺	☺	☺	☺	☺	☺
NTS-ER-16 014W	14	16	9,525	1,16	1	1,2	☺	☺	☺	☺	☺	☺
NTS-ER-16 016W	16	16	9,525	1,02	0,9	1,1	☺	☺	☺	☺	☺	☺
NTS-ER-16 018W	18	16	9,525	0,9	0,8	1	☺	☺	☺	☺	☺	☺
NTS-ER-16 019W	19	16	9,525	0,86	0,8	1	☺	☺	☺	☺	☺	☺
NTS-ER-16 020W	20	16	9,525	0,81	0,8	0,9	☺	☺	☺	☺	☺	☺
NTS-ER-16 022W	22	16	9,525	0,74	0,8	0,9	☺	☺	☺	☺	☺	☺
NTS-ER-16 024W	24	16	9,525	0,68	0,7	0,8	☺	☺	☺	☺	☺	☺
NTS-ER-16 026W	26	16	9,525	0,63	0,7	0,8	☺	☺	☺	☺	☺	☺
NTS-ER-16 028W	28	16	9,525	0,58	0,6	0,7	☺	☺	☺	☺	☺	☺

Ordering example for the grade WXM20: NTS-ER-16 008W WXM20

HC = Coated carbide

Internal thread turning inserts – full profile, Whitworth

NTS



A3

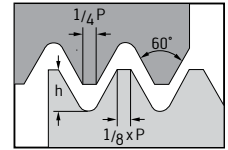
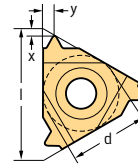
Indexable inserts

Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P			M	
							HC			HC	
							WXM20	WXP20	WMP32	WXM20	WMP32
NTS-IR-11 12W	12	11	6,35	1,32	0,9	1,2			☺	☺	☺
NTS-IR-11 14W	14	11	6,35	1,16	0,9	1,1			☺	☺	☺
NTS-IR-11 16W	16	11	6,35	1,02	0,9	1,1			☺	☺	☺
NTS-IR-11 18W	18	11	6,35	0,9	0,8	1			☺	☺	☺
NTS-IR-11 19W	19	11	6,35	0,86	0,8	1			☺	☺	☺
NTS-IR-11 20W	20	11	6,35	0,81	0,8	0,9			☺	☺	☺
NTS-IR-11 22W	22	11	6,35	0,74	0,8	0,9			☺	☺	☺
NTS-IR-11 24W	24	11	6,35	0,68	0,7	0,8			☺	☺	☺
NTS-IR-11 26W	26	11	6,35	0,63	0,7	0,8			☺	☺	☺
NTS-IR-11 32W	32	11	6,35	0,51	0,6	0,6			☺	☺	☺
NTS-IR-11 36W	36	11	6,35	0,45	0,6	0,6			☺	☺	☺
NTS-IR-11 48W	48	11	6,35	0,34	0,6	0,6			☺	☺	☺
NTS-IR-16 008W	8	16	9,525	2,03	1,2	1,5	☺			☺	
NTS-IR-16 009W	9	16	9,525	1,81	1,2	1,7	☺			☺	
NTS-IR-16 010W	10	16	9,525	1,63	1,1	1,5	☺			☺	
NTS-IR-16 011W	11	16	9,525	1,48	1,1	1,5	☺	☺		☺	
NTS-IR-16 012W	12	16	9,525	1,36	1,1	1,4	☺			☺	
NTS-IR-16 014W	14	16	9,525	1,16	1	1,2	☺	☺		☺	
NTS-IR-16 016W	16	16	9,525	1,02	0,9	1,1	☺	☺		☺	
NTS-IR-16 018W	18	16	9,525	0,9	0,8	1	☺			☺	
NTS-IR-16 019W	19	16	9,525	0,86	0,8	1	☺			☺	


Ordering example for the grade WMP32: NTS-IR-11 12W WMP32

HC = Coated carbide

External thread turning inserts – full profile, American NPT NTS



Indexable inserts

Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P	M	
							HC	HC	
							WXM20	WXM20	
	NTS-ER-16 08NPT	8	16	9,525	2,42	1,3	1,8	☺	☺
	NTS-ER-16 11.5NPT	11,5	16	9,525	1,64	1,1	1,5	☺	☺
	NTS-ER-16 14NPT	14	16	9,525	1,33	0,9	1,2	☺	☺
	NTS-ER-16 18NPT	18	16	9,525	1,01	0,8	1	☺	☺
	NTS-ER-16 27NPT	27	16	9,525	0,66	0,7	0,8	☺	☺

Ordering example for the grade WXM20: NTS-ER-16 08NPT WXM20

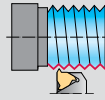
HC = Coated carbide

Thread turning tools - external machining

Type



Machining



A3



Designation	NTS-SE	C...-NTS-SE
Version	Square shank	Walter Capto™ in acc. with ISO 26623
Clamping system	Screw	Screw
Coolant supply	External	Internal
Shank size h [mm]	12–40	
Shank size h [Inch]	0,500–1,500	
Walter Capto™ size		C3–C6
Insert size l [mm]	16–22	16–22
Page in catalogue	A 567	A 567

QR code


www.walter-tools.com/woc/

NTS-SE

C-NTS-SE

Threading tools - internal machining

Type

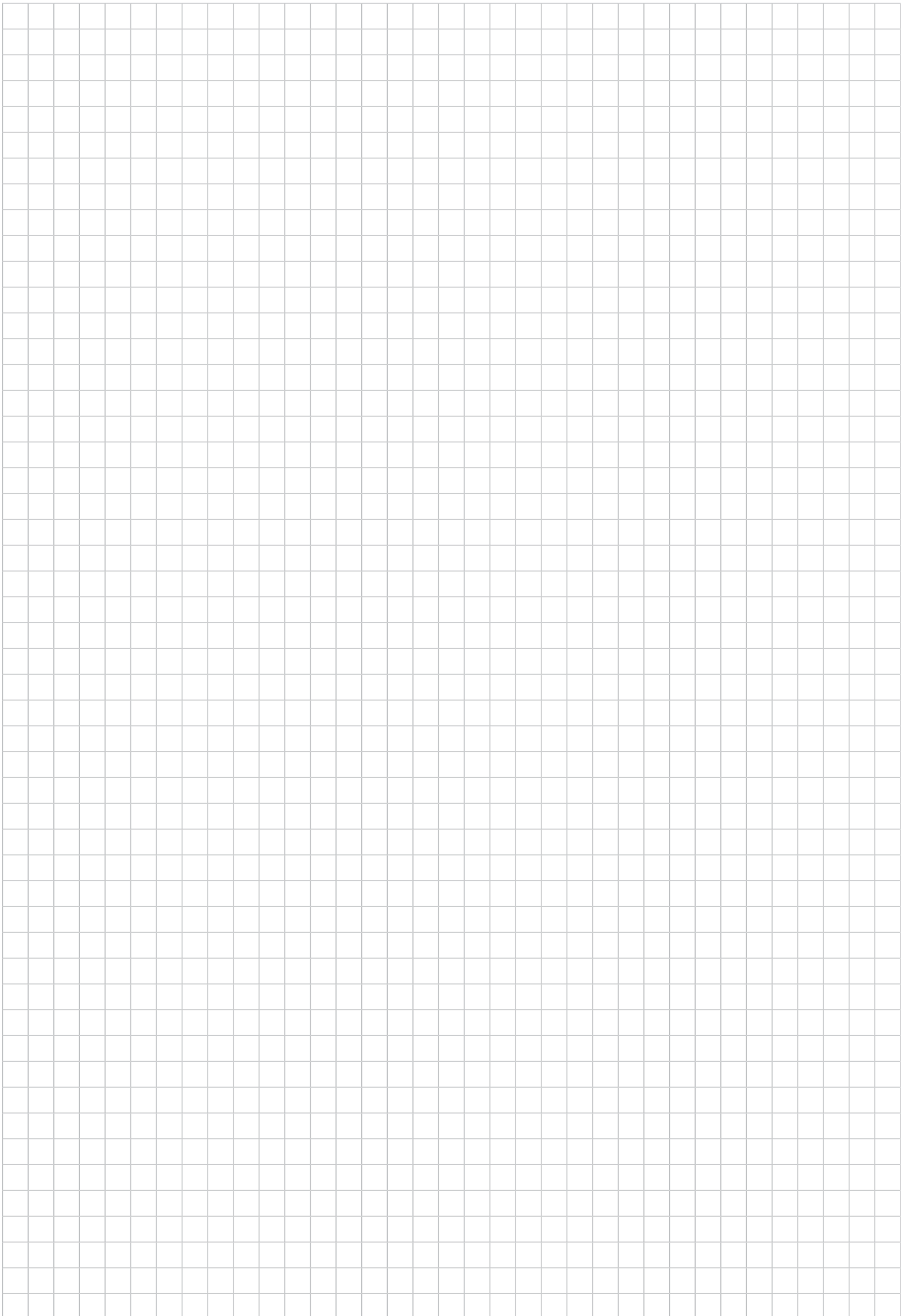


A3



Designation	A...-NTS-I	S...-NTS-I	C...-NTS-SI	T1820-Q...-P
Version	Parallel shank with clamping surface	Parallel shank with clamping surface	Walter Capto™ in acc. with ISO 26623	QuadFit
Clamping system	Screw	Screw	Screw	Lever-type
Coolant supply	Internal	External	Internal	Precision cooling
Boring bar Ø d ₁ [mm]	20	16–40		
Boring bar Ø d ₁ [inch]		0,580–1,340		
Walter Capto™ size			C4–C6	
QuadFit size				Q25–Q50
Insert size l [mm]	11–16	16–22	16–22	16–22
Page in catalogue	A 570	A 570	A 572	A 574
QR code				
www.walter-tools.com/woc/	A-NTS-I	S-NTS-I	C-NTS-SI	T1820-Q-P

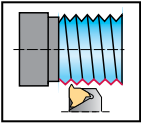
A3



Shank tool – External thread

NTS-SE

Walter NTS



A3

Tool		Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	Type
<p>Square shank</p>		NTS-SEL1212-16	16	12	12	16	83,2	22	NTS-E . -16 ..
		NTS-SEL1616-16	16	16	16	16	100	22	
		NTS-SEL2020-16	16	20	20	20	128,6	30	
		NTS-SEL2525-16	16	25	25	25	153,6	30	
		NTS-SEL3232-16	16	32	32	32	173,6	34	
		NTS-SER1212-16	16	12	12	16	83,2	22	
		NTS-SER1616-16	16	16	16	16	100	22	
		NTS-SER2020-16	16	20	20	20	128,6	30	
		NTS-SER2525-16	16	25	25	25	153,6	30	
		NTS-SER3232-16	16	32	32	32	173,6	34	
<p>Square shank</p>		NTS-SEL2525-22	22	25	25	25	155,7	36	NTS-E . -22 ..
		NTS-SEL3232-22	22	32	32	32	175,7	36	
		NTS-SEL4040-22	22	40	40	40	205,7	36	
		NTS-SER2525-22	22	25	25	25	155,7	36	
		NTS-SER3232-22	22	32	32	32	175,7	36	
		NTS-SER4040-22	22	40	40	40	205,7	36	

The toolholders listed are designed for an inclination angle of 1.5°
Bodies and assembly parts are included in the scope of delivery

Assembly parts		NTS-E . -16 ..	NTS-E . -22 ..
	Left shim	YI3	YI4
	Right shim	YE3	YE4
	Clamping screw for threading insert Tightening torque	FS2177 (T10) 1,7 Nm	FS2178 (T20) 3,8 Nm
	Clamping screw + washer for shim	FS2179 (T10)	FS2180 (T20)
	Torx key	FS1050 (T10)	FS256 (T20)

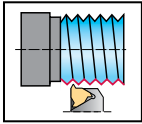
Shank tool – External thread

 NTS-SE inch

Walter NTS



A3



Tool				h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	Type
<p>Square shank</p>	Designation	16							NTS-E . -16 ..
	NTS-SEL0808-3	16		0,500	0,500	0,630	3,250	0,870	
	NTS-SEL1010-3	16		0,625	0,625	0,630	5,000	1,200	
	NTS-SEL1212-3	16		0,750	0,750	0,754	5,000	1,200	
	NTS-SEL1616-3	16		1,000	1,000	1,000	6,000	1,200	
	NTS-SER0808-3	16		0,500	0,500	0,630	3,250	0,870	
	NTS-SER1010-3	16		0,625	0,625	0,630	5,000	1,200	
	NTS-SER1212-3	16		0,750	0,750	0,754	5,000	1,200	
	NTS-SER1616-3	16		1,000	1,000	1,000	6,000	1,200	
	NTS-SER2020-3	16		1,250	1,250	1,250	7,000	1,180	
<p>Square shank</p>	Designation	22							NTS-E . -22 ..
	NTS-SEL1616-4	22		1,000	1,000	1,000	6,000	1,184	
	NTS-SEL2020-4	22		1,250	1,250	1,250	7,000	1,184	
	NTS-SEL2424-4	22		1,500	1,500	1,500	8,000	1,184	
	NTS-SER1616-4	22		1,000	1,000	1,000	6,000	1,184	
	NTS-SER2020-4	22		1,250	1,250	1,250	7,000	1,184	
NTS-SER2424-4	22		1,500	1,500	1,500	8,000	1,184		

The toolholders listed are designed for an inclination angle of 1.5°
 Bodies and assembly parts are included in the scope of delivery

Assembly parts			
	Type	NTS-E . -16 ..	NTS-E . -22 ..
	Left shim	YI3	YI4
	Right shim	YE3	YE4
	Clamping screw for threading insert Tightening torque	FS2177 (T10) 1,254 lbs	FS2178 (T20) 2,803 lbs
	Clamping screw + washer for shim	FS2179 (T10)	FS2180 (T20)
	Torx key	FS1050 (T10)	FS256 (T20)

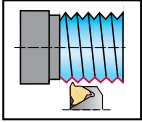
Turning tools – External thread

C...-NTS-SE


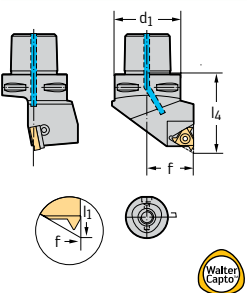
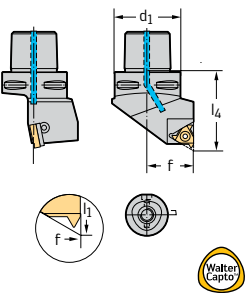
Walter NTS







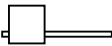

- Standard position
- Walter Capto™



A3

Tool	Designation		d_1	f mm	l_4 mm	Type		
	C3-NTS-SEL22040-16	16	C3	22	40	NTS-E . -16 ..		
	C3-NTS-SER22040-16	16	C3	22	40			
	C4-NTS-SEL27050-16	16	C4	27	50			
	C4-NTS-SER27050-16	16	C4	27	50			
	C5-NTS-SEL35060-16	16	C5	35	60			
	C5-NTS-SER35060-16	16	C5	35	60			
	C6-NTS-SEL45065-16	16	C6	45	65			
	C6-NTS-SER45065-16	16	C6	45	65			
Walter Capto™ in acc. with ISO 26623								
	C4-NTS-SEL27050-22	22	C4	27	50	NTS-E . -22 ..		
	C4-NTS-SER27050-22	22	C4	27	50			
	C5-NTS-SEL35060-22	22	C5	35	60			
	C5-NTS-SER35060-22	22	C5	35	60			
	C6-NTS-SEL45065-22	22	C6	45	65			
	C6-NTS-SER45065-22	22	C6	45	65			
	Walter Capto™ in acc. with ISO 26623							

The toolholders listed are designed for an inclination angle of 1.5°
Bodies and assembly parts are included in the scope of delivery

Assembly parts		NTS-E . -16 ..	NTS-E . -22 ..
	Left shim	YI3	YI4
	Right shim	YE3	YE4
	Clamping screw for threading insert Tightening torque	FS2177 (T10) 1,7 Nm	FS2178 (T20) 3,8 Nm
	Clamping screw + washer for shim	FS2179 (T10)	FS2180 (T20)
	Torx key	FS1050 (T10)	FS256 (T20)
	Cooling nozzle	FS1477	FS1018

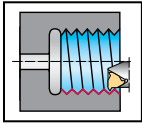
Boring bar – Internal thread

A...-NTS-I / S...-NTS-I

Walter NTS




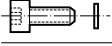



A3



Tool	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_4 mm	β	Type
<p>Parallel shank with clamping surface</p>	A20Q-NTS-IL11-12	11	12	20	7,3	18	180	25	3°	NTS-I . -11 ..
	A20Q-NTS-IL11-13	11	13	20	7,4	18	180	25	1,5°	
	A20Q-NTS-IL11-16	11	16	20	8,9	18	180	32	1,5°	
	A20Q-NTS-IR11-12	11	12	20	7,3	18	180	25	3°	
	A20Q-NTS-IR11-13	11	13	20	7,4	18	180	25	1,5°	
	A20Q-NTS-IR11-16	11	16	20	8,9	18	180	32	1,5°	
<p>Parallel shank with clamping surface</p>	A20Q-NTS-IL16-16	16	16	20	10,2	18	180	32	2,5°	NTS-I . -16 ..
	A20Q-NTS-IR16-16	16	16	20	10,2	18	180	34	2,5°	
<p>Parallel shank with clamping surface</p>	S16M-NTS-IL16-20	16	20	16	11,3	15,2	150	32	1,5°	NTS-I . -16 ..
	S16M-NTS-IR16-20	16	20	16	11,3	15,2	150	32	1,5°	
	S20Q-NTS-IL16-17	16	17	20	10,3	18	180	32	1,5°	
	S20Q-NTS-IL16-20	16	20	20	11,5	18	180	40	1,5°	
	S20Q-NTS-IL16-24	16	24	20	13,4	18	180	40	1,5°	
	S20Q-NTS-IR16-17	16	17	20	10,3	18	180	32	1,5°	
	S20Q-NTS-IR16-20	16	20	20	11,5	18	180	40	1,5°	
	S20Q-NTS-IR16-24	16	24	20	13,4	18	180	40	1,5°	
	S25R-NTS-IL16-29	16	29	25	16,1	22,6	200	45	1,5°	
	S25R-NTS-IR16-29	16	29	25	16,1	22,6	200	45	1,5°	
	S32S-NTS-IL16-29	16	29	32	16,3	29	250	60	1,5°	
	S32S-NTS-IL16-36	16	36	32	19,6	29	250	60	1,5°	
	S32S-NTS-IR16-29	16	29	32	16,3	29	250	60	1,5°	
	S32S-NTS-IR16-36	16	36	32	19,6	29	250	60	1,5°	
	S40T-NTS-IL16-44	16	44	40	23,8	25,8	300	60	1,5°	
	S40T-NTS-IR16-44	16	44	40	23,8	25,8	300	60	1,5°	
<p>Parallel shank with clamping surface</p>	S20Q-NTS-IL22-27	22	27	20	15,6	18	180	50	1,5°	NTS-I . -22 ..
	S20Q-NTS-IR22-27	22	27	20	15,6	18	180	50	1,5°	
	S25R-NTS-IL22-32	22	32	25	17,2	22,6	200	45	1,5°	
	S25R-NTS-IR22-32	22	32	25	17,2	22,6	200	45	1,5°	
	S32S-NTS-IL22-32	22	32	32	17,4	29	250	60	1,5°	
	S32S-NTS-IL22-39	22	39	32	21,5	29	250	60	1,5°	
	S32S-NTS-IR22-32	22	32	32	17,4	29	250	60	1,5°	
	S32S-NTS-IR22-39	22	39	32	21,5	29	250	60	1,5°	
S40T-NTS-IL22-47	22	47	40	25,8	32	300	60	1,5°		
S40T-NTS-IR22-47	22	47	40	25,8	32	300	60	1,5°		

Bodies and assembly parts are included in the scope of delivery

Assembly parts		NTS-I. -11 .. 12-16	NTS-I. -16 .. 16-20	NTS-I. -16 .. 24-44	NTS-I. -22 .. 27	NTS-I. -22 .. 32-47
Type	D _{min} [mm]					
	Left shim			YI3		YI4
	Right shim			YE3		YE4
	Clamping screw for threading insert Tightening torque	FS2174 (T8) 0,9 Nm	FS2175 (T10) 1,7 Nm	FS2177 (T10) 1,7 Nm	FS2176 (T20) 3,8 Nm	FS2178 (T20) 3,8 Nm
	Clamping screw + washer for shim			FS2179 (T10)		FS2180 (T20)
	Torx key	FS257 (T8)	FS1050 (T10)	FS1050 (T10)	FS256 (T20)	FS256 (T20)

A3

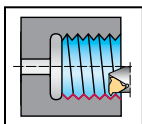
Boring bar – Internal thread

 S...-NTS-I inch

Walter NTS



A3



Tool

	Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	l_4 inch	β	Type
<p>Parallel shank with clamping surface</p>	S10M-NTSIL16-51	16	0,800	0,625	0,460	0,580	6,000	1,250	1,5°	NTS-I . -16 ..
	S10M-NTSIR16-51	16	0,800	0,625	0,460	0,580	6,000	1,250	1,5°	
	S12Q-NTSIL16-46	16	0,800	0,750	0,460	0,670	7,000	1,500	1,5°	
	S12Q-NTSIR16-40	16	0,670	0,750	0,400	0,670	7,000	1,250	1,5°	
	S12Q-NTSIR16-46	16	0,800	0,750	0,460	0,670	7,000	1,500	1,5°	
	S12Q-NTSIR16-51	16	0,900	0,750	0,510	0,670	7,000	1,500	1,5°	
	S16R-NTSIL16-65	16	1,200	1,000	0,650	0,900	8,000	1,750	1,5°	
	S16R-NTSIR16-65	16	1,200	1,000	0,650	0,900	8,000	1,750	1,5°	
	S20S-NTSIL16-65	16	1,200	1,250	0,650	1,120	10,000	2,500	1,5°	
	S20S-NTSIR16-65	16	1,200	1,250	0,650	1,120	10,000	2,500	1,5°	
S20S-NTSIR16-77	16	1,450	1,250	0,770	1,120	10,000	2,500	1,5°		
S24T-NTSIR16-90	16	1,650	1,500	0,900	1,340	12,000	2,500	1,5°		
<p>Parallel shank with clamping surface</p>	S12Q-NTSIR22-59	22	1,000	0,750	0,590	0,670	7,000	2,000	1,5°	NTS-I . -22 ..
	S16R-NTSIR22-71	22	1,250	1,000	0,710	0,900	8,000	1,750	1,5°	
	S20S-NTSIR22-85	22	1,500	1,250	0,850	1,120	10,000	2,500	1,5°	
	S24T-NTSIR22-98	22	1,750	1,500	0,980	1,340	12,000	2,500	1,5°	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type D_{min} [inch]	NTS-I . -16 .. 0,67–0,8	NTS-I . -16 .. 0,9–1,65	NTS-I . -16 .. 1,2	NTS-I . -22 .. 1	NTS-I . -22 .. 1,25–1,75
Left shim			YI3		
Right shim		YE3	YE3		YE4
Clamping screw for threading insert Tightening torque	FS2175 (T10) 1,254 lbs	FS2177 (T10) 1,254 lbs	FS2177 (T10) 1,254 lbs	FS2176 (T20) 2,803 lbs	FS2178 (T20) 2,803 lbs
Clamping screw + washer for shim		FS2179 (T10)	FS2179 (T10)		FS2180 (T20)
Torx key	FS1050 (T10)	FS1050 (T10)	FS1050 (T10)	FS256 (T20)	FS256 (T20)

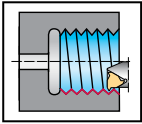
Boring bar – Internal thread

C...-NTS-SI

Walter NTS



- Standard position
- Walter Capto™



A3

Tool		Designation		D _{min} mm	d ₂ mm	d ₁	f mm	l ₄ mm	l ₁₆ mm	Type
		C4-NTS-SIL22090-16	16	40	32	C4	22	90	69	NTS-I . -16 ..
		C4-NTS-SIR22090-16	16	40	32	C4	22	90	69	
		C5-NTS-SIL22090-16	16	40	32	C5	22	90	68	
		C5-NTS-SIR22090-16	16	40	32	C5	22	90	68	
		C6-NTS-SIL22090-16	16	40	32	C6	22	90	64	
		C6-NTS-SIR22090-16	16	40	32	C6	22	90	64	
		C4-NTS-SIL27080-16	16	50	39,5	C4	27	80	60	
		C4-NTS-SIR27080-16	16	50	39,5	C4	27	80	60	
		C5-NTS-SIL27105-16	16	50	40	C5	27	105	84	
		C5-NTS-SIR27105-16	16	50	40	C5	27	105	84	
		C6-NTS-SIL27105-16	16	50	40	C6	27	105	80	
		C6-NTS-SIR27105-16	16	50	40	C6	27	105	80	
		C4-NTS-SIL22090-22	22	40	31,5	C4	22	90	69	NTS-I . -22 ..
		C4-NTS-SIR22090-22	22	40	31,5	C4	22	90	69	
		C5-NTS-SIL22090-22	22	40	31,5	C5	22	90	68	
		C5-NTS-SIR22090-22	22	40	31,5	C5	22	90	68	
		C6-NTS-SIL22090-22	22	40	31,5	C6	22	90	64	
		C6-NTS-SIR22090-22	22	40	31,5	C6	22	90	64	
		C4-NTS-SIL27080-22	22	50	39,5	C4	27	80	60	
		C4-NTS-SIR27080-22	22	50	39,5	C4	27	80	60	
		C5-NTS-SIL27105-22	22	50	40	C5	27	105	84	
		C5-NTS-SIR27105-22	22	50	40	C5	27	105	84	
		C6-NTS-SIL27105-22	22	50	40	C6	27	105	80	
		C6-NTS-SIR27105-22	22	50	40	C6	27	105	80	

The toolholders listed are designed for an inclination angle of 1.5°
Bodies and assembly parts are included in the scope of delivery

Assembly parts		NTS-I . -16 ..	NTS-I . -22 ..
	Left shim	YI3	YI4
	Right shim	YE3	YE4
	Clamping screw for threading insert Tightening torque	FS2177 (T10) 1,7 Nm	FS2178 (T20) 3,8 Nm
	Clamping screw + washer for shim	FS2179 (T10)	FS2180 (T20)
	Torx key	FS1050 (T10)	FS256 (T20)

Replaceable head – Internal thread

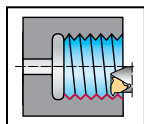
 T1820-Q...-P mm

Walter NTS



A3

- QuadFit
- Precision cooling







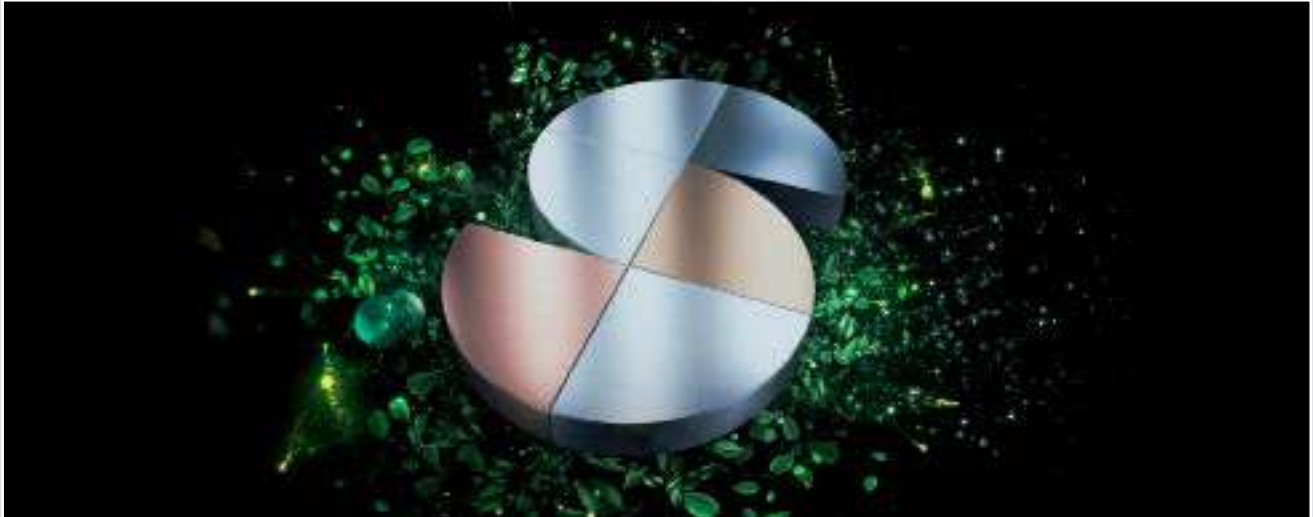
Tool	Designation		d_1	D_{min} mm	f mm	l_4 mm	β	Type
 	T1820-Q25R-16I-P	16	Q25	29	16,3	25	1°	NTS-I.. -16 ..
	T1820-Q32R-16I-P	16	Q32	36	19,8	32	1°	
	T1820-Q32R-22I-P	22	Q32	38	21,3	32	1°	NTS-I.. -22 ..
	T1820-Q40R-16I-P	16	Q40	44	23,8	32	1°	NTS-I.. -16 ..
	T1820-Q40R-22I-P	22	Q40	46	25,3	32	1°	NTS-I.. -22 ..
	T1820-Q50R-16I-P	16	Q50	54	28,8	32	1°	NTS-I.. -16 ..
 	T1820-Q25L-16I-P	16	Q25	29	16,3	25	1°	NTS-I.. -16 ..
	T1820-Q32L-16I-P	16	Q32	36	19,8	32	1°	
	T1820-Q32L-22I-P	22	Q32	38	21,3	32	1°	NTS-I.. -22 ..
	T1820-Q40L-16I-P	16	Q40	44	23,8	32	1°	NTS-I.. -16 ..
	T1820-Q40L-22I-P	22	Q40	46	25,3	32	1°	NTS-I.. -22 ..
	T1820-Q50L-16I-P	16	Q50	54	28,8	32	1°	NTS-I.. -16 ..
T1820-Q50L-22I-P	22	Q50	56	30,3	32	1°	NTS-I.. -22 ..	

The maximum recommended coolant pressure is 150 bar (2175 psi)
 Bodies and assembly parts are included in the scope of delivery

Assembly parts		NTS-I.. -16 ..	NTS-I.. -22 ..
	Shim	GXA16-1	NXA22-1
	Clamping screw	FS2615 (T15IP)	FS2616 (T25IP)
	Lever	KN129	KN130
	Pin	RS123	RS124
	Torx key	FS1465 (T15IP)	
	Allen key		FS1592 (T25IP)

Accessories		NTS-I.. -16 ..	NTS-I.. -22 ..
	Shim	GXA16-0	NXA22-0
	Shim	GXA16-2	NXA22-2

Accessories			
	Type	NTS-I . -16 ..	NTS-I . -22 ..
	Shim	GXA16-3	NXA22-3
	Shim	GXA16-4	NXA22-4
	Shim	GXA16-98	NXA22-98
	Shim	GXA16-99	NXA22-99



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO₂ compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating



You can find more information on Walter certification here:



Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



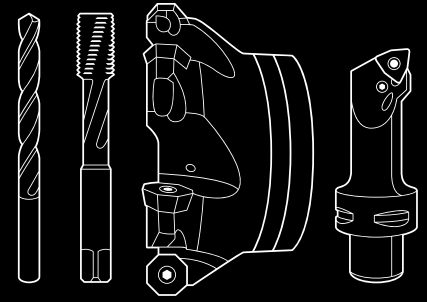
Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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