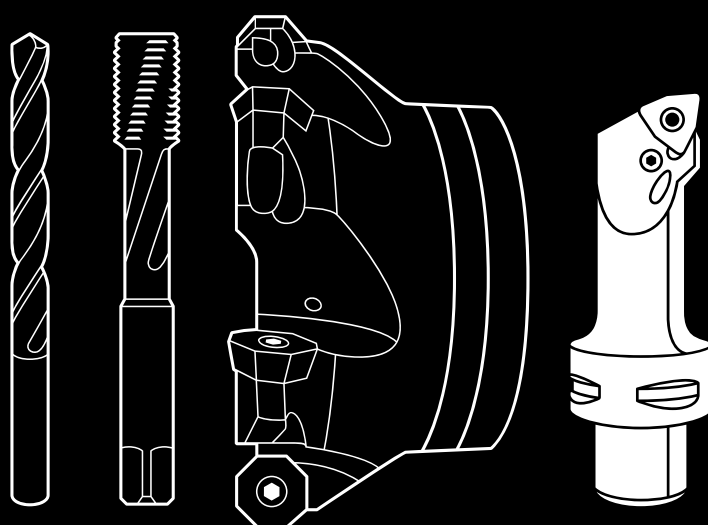


_ METAL IS OUR WORLD

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

Page

Indexable inserts

Product range overview	
ISO indexable inserts – Negative basic shape	A 10
ISO indexable inserts – Positive basic shape	A 13
Inserts copy turning system – WL	A 16
ISO indexable inserts – CBN/PCD/ceramic	A 17
Order pages	
ISO indexable inserts – Negative basic shape	A 20
ISO indexable inserts – Positive basic shape	A 38
Inserts copy turning system – WL	A 61
ISO indexable inserts – CBN/PCD/ceramic	A 64

Walter Turn turning tools – External machining

Product range overview	
Shank tools – Negative basic shape	A 88
Shank tools – Positive basic shape	A 93
Shank tool – WL copy turning system	A 96
Shank tool – Ceramic indexable inserts	A 98
Walter Capto™ turning toolholders	A 99
Walter Capto™ – WL copy turning system	A 105
Walter Capto™ – Negative basic shape, ceramic	A 106
Walter Capto™ turning toolholders – Turning and milling centres	A 107
Order pages	
Shank tools – Negative basic shape	A 108
Shank tools – Positive basic shape	A 171
Shank tool – WL copy turning system	A 198
Shank tool – Ceramic indexable inserts	A 210
Walter Capto™ turning toolholders	A 214
Walter Capto™ – WL copy turning system	A 254
Walter Capto™ turning toolholders – Turning and milling centres	A 259

Walter Turn turning tools – Internal machining

Product range overview	
Boring bars – Negative basic shape	A 266
Boring bars – Positive basic shape	A 268
Boring bars – WL copy turning system	A 272
TOC_Boring-bar-adaptor _x_	A 273
Boring bars – Walter Capto™	A 274
Vibration-damped boring bar adaptor – Accuretec	A 276
Boring bars – QuadFit exchangeable head	A 277
Order pages	
Boring bars – Negative basic shape	A 281
Boring bars – Positive basic shape	A 298
Boring bars – WL copy turning system	A 332
TOC_Boring-bar-adaptor _x_	A 342
Boring bars – Walter Capto™	A 343
Vibration-damped boring bar adaptor – Accuretec	A 359
Boring bars – QuadFit exchangeable head	A 367

A2: Grooving

Page

Cutting inserts

Product range overview	
Cutting inserts	A 382
Order pages	
Cutting inserts	A 388

Shank tools

Product range overview	
Shank tools/parting blades	A 414
Walter Capto™ groove turning holders	A 423
Boring bars	A 425
QuadFit exchangeable head	A 427
Order pages	
Shank tools/parting blades	A 428
Walter Capto™ groove turning holders	A 531
Boring bars	A 542
QuadFit exchangeable head	A 554

A3: Thread turning

Page

Indexable inserts

Product range overview	
Indexable inserts	A 555
Order pages	
Indexable inserts	A 556

Walter NTS threading tools

Product range overview	
Walter NTS threading tools	A 564
Order pages	
Walter NTS threading tools	A 567

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.

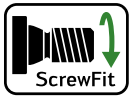
Technologies at Walter (continued)



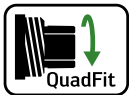
Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



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.



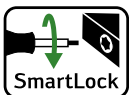
The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure-tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools 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 _p [mm]	0.5–4.5	0.5–8.0	0.5–7.0	0.2–8.0	0.8–9.0
f [mm]	0.10–0.45	0.10–0.55	0.15–0.55	0.10–0.80	0.13–0.60
Page in catalogue	13	13	14	14	14
QR code					
www.walter-tools.com/woc/	MM5	MP5	MU5	MK5	NRS

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

WALTER SELECT

•• Primary application • Other application

ISO indexable inserts – Negative basic shape

9

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

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

NEW

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



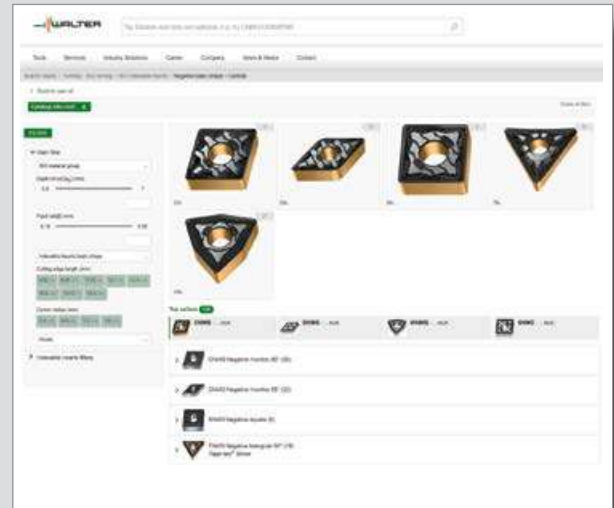
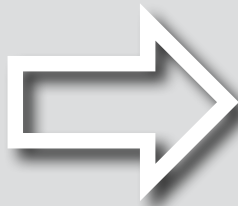
Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

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



MU5

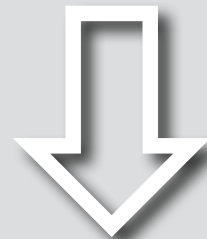


Direct link

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

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

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



Detailed overview of product data

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

Negative Trigon 80°
WNMG

Switch to inch values

Column selection:

Designation	d	f	f	W _{max}	Materials
	mm 12	mm 12	mm 12	mm 12	P M K N S H Q
MUS (27)	9.5-12.7	0.4-1.6	0.15-0.55	0.5-5	
WNA000040S.MUS.VPP20S	9.5	0.8	0.15-0.35	0.5-3	
WNA000040S.MUS.VSM20S	9.5	0.8	0.15-0.35	0.5-3	
WNA000040S.MUS.VHP10S	9.5	0.8	0.15-0.35	0.5-3	
WNA000040S.MUS.VHP20S	9.5	0.8	0.15-0.35	0.5-3	
WNA000040S.MUS.VHP20S	9.5	0.8	0.15-0.35	0.5-3	
WNA000040S.MUS.VHP10S	9.5	0.8	0.15-0.35	0.5-3	
WNA000040S.MUS.VHP20S	12.7	1.2	0.2-0.5	1-5	
WNA000040S.MUS.VHP20S	12.7	0.8	0.15-0.4	0.5-5	
WNA000040S.MUS.VSM20S	12.7	0.4	0.15-0.3	0.5-4	
WNA000040S.MUS.VHP10S	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

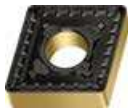
Machining	Medium machining				Roughing
					
Geometry	MM5	MP5	MU5	MK5	NRS
Indexable inserts basic shape	C, D, S, T, V, W	C, D, S, T, V, W	C, D, S, T, W	C, D, S, T, V, W	C, D, S, T, W
P Steel	●	●●	●●	●	
M Stainless steel	●●		●●		●
K Cast iron		●	●	●●	
N NF metals					
S Materials with difficult cutting 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		Schwerzerspanung
			
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

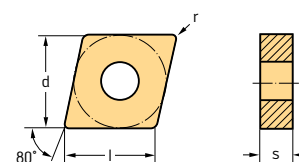
Indexable inserts for copy turning system – WL CBN inserts

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	a _p mm	P						M				K				N		S			
						HC	HE	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC		
	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			☺	☺																
	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							☺								☺					
	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

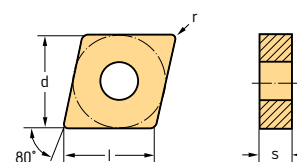
HC = Coated carbide

HE = Coated cermet

HW = Uncoated carbide

WALTER SELECT

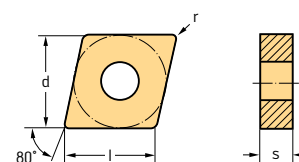
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

[illegible]

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					
						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	WNI10	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																							
	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																							

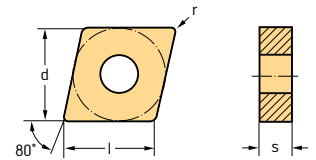
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

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					HC			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

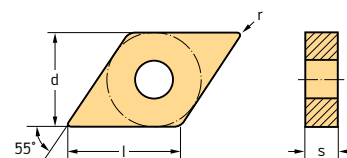
Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

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			
						HC						HC				HC			HC			HC		HC	
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	WSM01	WSM10S	WSM20S
 Wiper	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					☺			☺	☺	☺				☺	☺	☺				
	DNMG150612-FM5	15,5	1,2	0,10–0,25	0,5–2,5								☺						☺	☺	☺				
	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

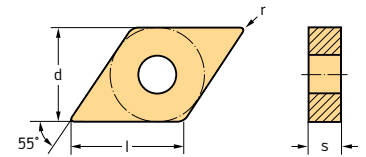
WALTER SELECT

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

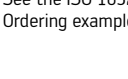
Negative rhombic 55°

DNMG / DNGG / DNMA / DNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	ap mm	P							M				K			N		S				
					HC							HC				HC			HC		HC				
					WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	WSM01	WSM10S	WSM20S	WSM30S	WS10
 DNMG150402-MS3	15,5	0,2	0,05–0,12	0,4–2,0								☺									☺				
 DNGG150404-MS3	15,5	0,4	0,10–0,25	0,6–2,5								☺									☺				
 DNGG150408-MS3	15,5	0,8	0,12–0,30	0,8–2,5								☺									☺				
 DNMG110404-NMT	11,63	0,4	0,08–0,22	0,4–2,5											☺								☺		
 DNMG110408-NMT	11,63	0,8	0,12–0,28	0,6–3,2											☺								☺		
 DNMG150408-NMT	15,5	0,8	0,12–0,28	0,6–4,0											☺								☺		☺
 DNMG150608-NMT	15,5	0,8	0,12–0,28	0,6–4,0											☺								☺		☺
 DNMG150612-NMT	15,5	1,2	0,15–0,30	0,8–4,0											☺										☺
 DNMG150404-NMS	15,5	0,4	0,09–0,22	0,6–2,5									☺		☺							☺	☺		
 DNMG150408-NMS	15,5	0,8	0,11–0,30	0,8–3,5									☺	☺	☺							☺	☺	☺	
 DNMG150604-NMS	15,5	0,4	0,09–0,22	0,6–2,5									☺	☺	☺							☺	☺	☺	
 DNMG150608-NMS	15,5	0,8	0,11–0,30	0,8–3,5									☺	☺	☺							☺	☺	☺	☺
 DNMG110404-MP3	11,63	0,4	0,08–0,22	0,3–2,2			☺	☺	☺																
 DNMG110408-MP3	11,63	0,8	0,12–0,32	0,6–3,0			☺	☺	☺	☺															
 DNMG110412-MP3	11,63	1,2	0,16–0,40	0,8–3,2			☺	☺	☺																
 DNMG150404-MP3	15,5	0,4	0,08–0,22	0,3–2,5			☺	☺	☺																
 DNMG150408-MP3	15,5	0,8	0,12–0,32	0,6–3,2			☺	☺	☺	☺															
 DNMG150412-MP3	15,5	1,2	0,16–0,40	0,8–3,5			☺	☺	☺																
 DNMG150604-MP3	15,5	0,4	0,08–0,22	0,3–2,5			☺	☺	☺																
DNMG150608-MP3	15,5	0,8	0,12–0,32	0,6–3,2			☺	☺	☺	☺															
DNMG150612-MP3	15,5	1,2	0,16–0,40	0,8–3,5			☺	☺	☺																
DNMG110404-MM5	11,63	0,4	0,10–0,18	0,5–2,0					☺				☺	☺	☺							☺	☺	☺	
DNMG110408-MM5	11,63	0,8	0,15–0,25	0,8–3,0					☺				☺	☺	☺							☺	☺	☺	☺
DNMG150404-MM5	15,5	0,4	0,10–0,18	0,5–2,5					☺				☺	☺	☺							☺	☺	☺	
DNMG150408-MM5	15,5	0,8	0,15–0,25	0,8–3,0					☺				☺	☺	☺							☺	☺	☺	☺
DNMG150412-MM5	15,5	1,2	0,18–0,30	0,8–3,0					☺						☺								☺		
DNMG150604-MM5	15,5	0,4	0,10–0,18	0,5–2,5					☺				☺	☺	☺							☺	☺	☺	
DNMG150608-MM5	15,5	0,8	0,15–0,25	0,8–3,0					☺				☺	☺	☺							☺	☺	☺	☺
DNMG150612-MM5	15,5	1,2	0,18–0,30	0,8–3,0					☺				☺	☺	☺							☺	☺	☺	☺
DNMG110404-MP5	11,63	0,4	0,16–0,25	0,5–4,0			☺	☺	☺	☺															
DNMG110408-MP5	11,63	0,8	0,18–0,35	0,6–4,0			☺	☺	☺	☺															
DNMG110412-MP5	11,63	1,2	0,20–0,40	1,0–4,0			☺	☺	☺																
DNMG150404-MP5	15,5	0,4	0,16–0,25	0,5–4,0			☺	☺	☺																
DNMG150408-MP5	15,5	0,8	0,18–0,35	0,6–5,0			☺	☺	☺	☺															
DNMG150412-MP5	15,5	1,2	0,20–0,40	1,0–5,0			☺	☺	☺																
DNMG150604-MP5	15,5	0,4	0,16–0,25	0,5–4,0			☺	☺	☺																
DNMG150608-MP5	15,5	0,8	0,18–0,35	0,6–5,0			☺	☺	☺	☺															
DNMG150612-MP5	15,5	1,2	0,20–0,40	1,0–5,0			☺	☺	☺	☺															
DNMG150616-MP5	15,5	1,6	0,25–0,45	1,2–5,0			☺	☺																	
DNMG110408-MU5	11,63	0,8	0,18–0,35	0,6–4,0			☺	☺	☺				☺	☺									☺		
DNMG150408-MU5	15,5	0,8	0,18–0,35	0,6–5,0			☺	☺	☺	☺				☺	☺								☺		
DNMG150608-MU5	15,5	0,8	0,18–0,35	0,6–5,0			☺	☺	☺	☺				☺	☺								☺		
DNMG150612-MU5	15,5	1,2	0,20–0,45	1,0–5,0			☺	☺	☺	☺				☺	☺								☺		
DNMG150616-MU5	15,5	1,6	0,25–0,50	1,2–5,0			☺	☺						☺	☺								☺		

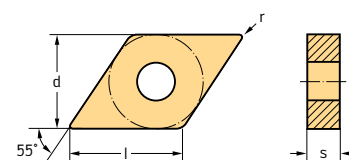
See the ISO 1832 designation key for dimensions
Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

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

Negative 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	HC	HC	HC	HC	HC	HC	
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
	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

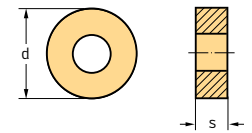
HE = Coated cermet

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
 RNMG120400-RP5	12,7	0,20–0,60	1,2–5,0	WPP20G	WKK20S	WS10
 RNMA120400-RK5	12,7	0,15–0,60	1,2–4,0			

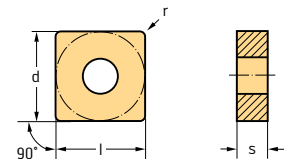
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: RNMG120400-RP5 WPP20G

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					
					HC					HC				HC		HC			HC		
					WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S	WS10
	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

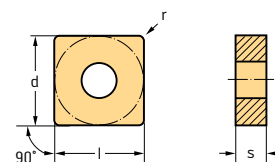
WALTER SELECT

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

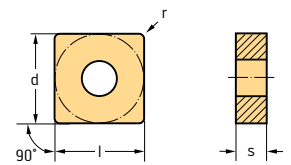
HC = Coated carbide

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

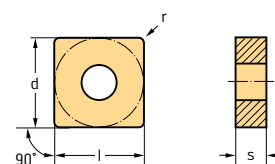
HC = Coated carbide

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				HW
					HC				HC					HC		HC				
					WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	
	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		☞	☞	☞	☞											

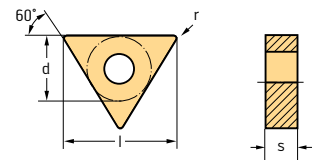
See the ISO 1832 designation key for dimensions

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			HC				
					WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
 Wiper	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				☺					☺	☺							☺	☺	
 Wiper	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												☺							☺

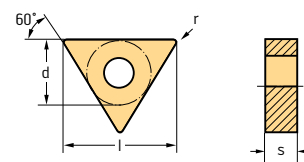
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide
HE = Coated cermet

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			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				☹															

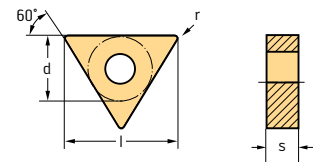
See the ISO 1832 designation key for dimensions

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						HE					HC			HC				
				WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WMP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	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			☺		☺													

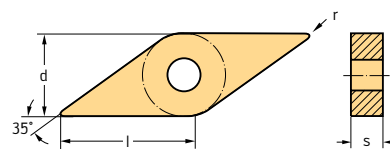
See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

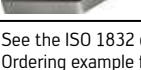
HC = Coated carbide

HE = Coated cermet

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



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	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			
	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

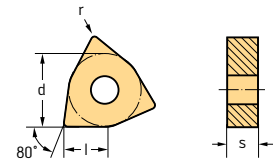
HE = Coated cermet

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						HC				HC			HC		HC					
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM30S
 Wiper	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			☺	☺																	
 Wiper	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

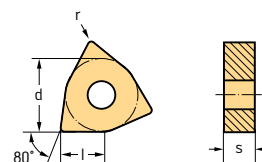
WALTER SELECT

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

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						HC				HC		HC		HC		HC				
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S
	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

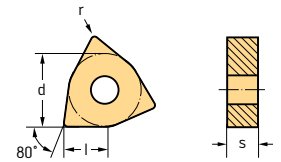
HE = Coated cermet

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	HC	HC	HC	HC	HC	HC			
						WKP01G	WPP05G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	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

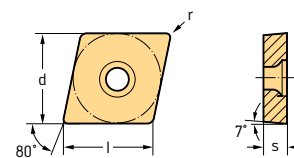
HE = Coated cermet

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		HC		
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S	WSM20S	WSM30S	
 Wiper	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																					

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

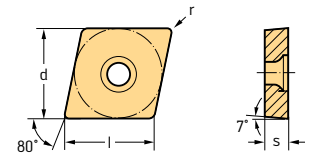
WALTER SELECT

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					HC					HC			HC	HW	HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	WSM01	WSM10S	WSM20S
	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													☺	☺						
 Wiper	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

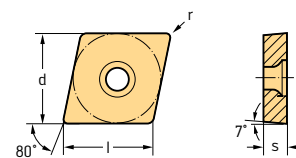
Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

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	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		
	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

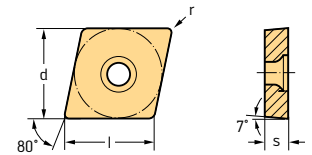
Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

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	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	WNN10	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																						
	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																						
	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

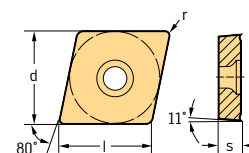
HE = Coated cermet

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

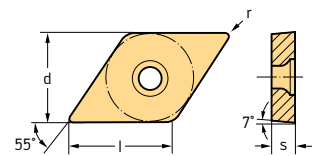
WALTER SELECT

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	WSM20S
 Wiper	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

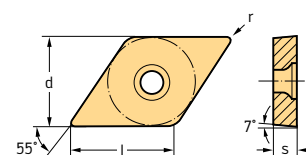
WALTER SELECT

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				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	
	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

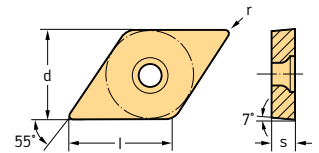
HE = Coated cermet

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					HC					HC			HC	HW	HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S
	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

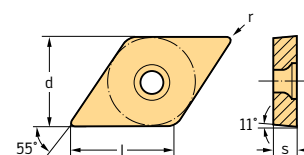
HE = Coated cermet

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

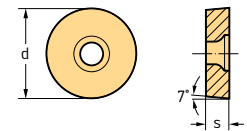
Ordering example for the grade WMP20S: DPMT070204-FM4 WMP20S

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														
	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

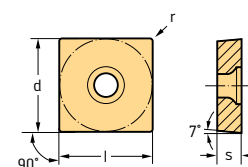
ISO indexable inserts – Positive basic shape

A 47

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			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	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

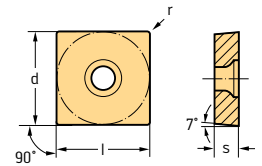
WALTER SELECT

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					HC					HC			HC		HC		HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	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																					

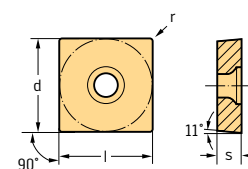
See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: SCGT09T304-FM2 WSM20S

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
 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

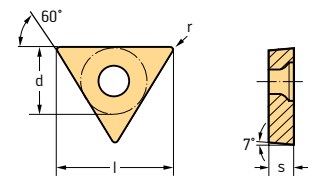
WALTER SELECT

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					HC					HC					HC			HC	HW					
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM21	WSM30S			
 Wiper	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

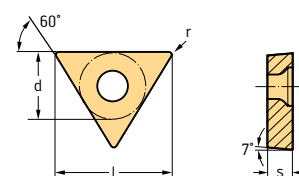
WALTER SELECT

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	a _p mm	P					M					K			N		S							
						HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	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																							
																												
		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

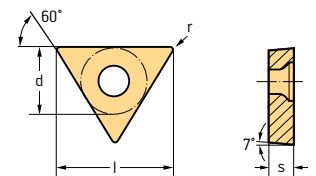
HE = Coated cermet

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	HW					
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM21	WSM30S	
	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

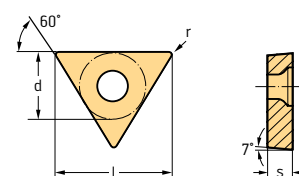
HE = Coated cermet

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			HC		HC					
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM21	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNI10	WSM01	WSM10S	WSM20S	WSM21	WSM30S
	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

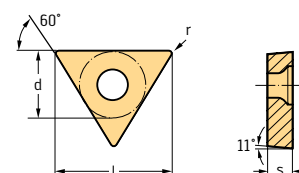
HE = Coated cermet

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		
						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

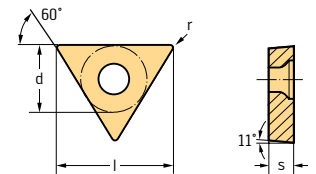
WALTER SELECT

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

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

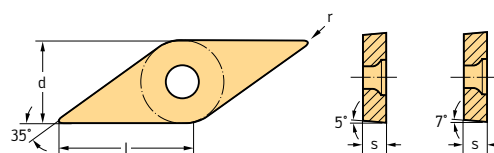
Ordering example for the grade WMP20S: TPMT110204-FM4 WMP20S

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					HC				HC			HC	HW	HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WN10	WSM01	WSM10S
	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													☹	☹				
	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							☹	☹	☹					☹	☹	☹		
	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				☹		☹	☹	☹	☹	☹					☹	☹	☹	
	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	☹	☹	☹			☹					☹							
	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						☹	☹		☹	☹					☹	☹	☹	
	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

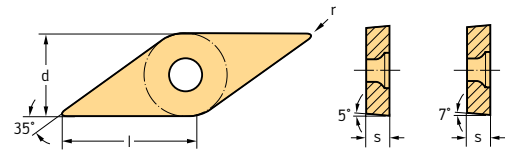
WALTER SELECT

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					HC					HC			HC	HW	HC			
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G	WEP10C	WSM01	WSM10S	WMP20S	WSM20S	WSM30S	WKP01G	WKK10S	WKK20S	WNN10	WNN10	WSM01	WSM10S	WSM20S
	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

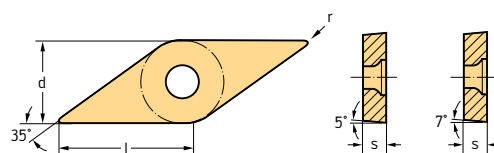
HE = Coated cermet

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	HC	HC	HC	HC		
						WKP01G	WPP10G	WPP20G	WMP20S	WPP30G		WEP10C	WSM01	WSM10S	WMP20S									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

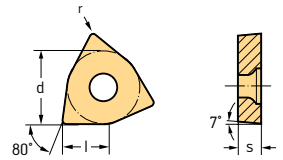
HE = Coated cermet

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	WSM21	WSM30S	WKK20S	WNN10	WSM20S	WSM21	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										
	WCMT040204-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

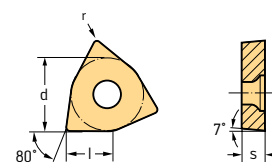
ISO indexable inserts – Positive basic shape

A 59

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

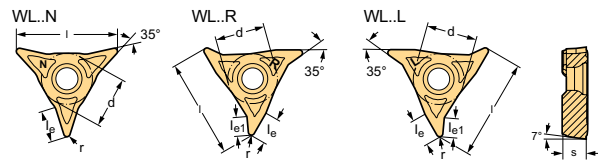
Ordering example for the grade WNN10: WCGT020102-FN2 WNN10

HC = Coated carbide

Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	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-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

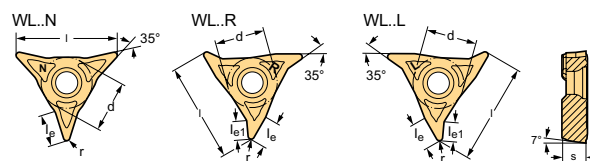
Inserts copy turning system – WL

A 61

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	
							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		☞	☞								

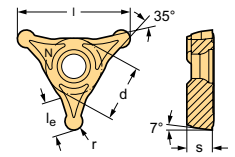
Ordering example for the grade WSM10S: WL17-VC0502N-FM4 WSM10S

HC = Coated carbide

Indexable inserts copy turning system

WL...-RC...

Tiger-tec® Gold



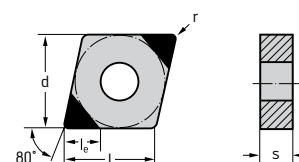
Indexable inserts

Designation	r mm	l mm	l _e mm	f mm	a _p mm	P	M	S
						HC	HC	HC
						WPP20G	WSM20S WSM30S	WSM20S WSM30S
 WL25-RC0420N-MU6 WL25-RC0525N-MU6	2	25	7,2	0,12–0,40	0,5–2,0	☺	☺	☺
	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

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	BL	BL	BL	
 Wiper	CNGA120404TM-MW2	2	2.8	12.9	0.4	0.05–0.35	0.1–1.0								
	CNGA120408TM-MW2	2	2.7	12.9	0.8	0.05–0.50	0.1–1.0								
	CNGA120412TM-MW2	2	2.8	12.9	1.2	0.05–0.50	0.1–1.0								
	CNGA120404EM-2	2	2.8	12.9	0.4	0.05–0.20	0.1–0.5								
	CNGA120408EM-2	2	2.7	12.9	0.8	0.05–0.25	0.1–1.0								
	CNGA120404TS-2	2	2.8	12.9	0.4	0.05–0.20	0.1–2.0								
	CNGA120408TS-2	2	2.7	12.9	0.8	0.05–0.25	0.1–2.0								
	CNGA120412TS-2	2	2.8	12.9	1.2	0.05–0.30	0.1–2.0								
 Chipbreaker	CNGA120404TM-M2	2	2.8	12.9	0.4	0.05–0.20	0.1–0.5								
	CNGA120408TM-M2	2	2.7	12.9	0.8	0.05–0.25	0.1–1.0								
	CNGA120412TM-M2	2	2.8	12.9	1.2	0.05–0.30	0.1–1.0								
	CNGA120404TM-2	2	2.8	12.9	0.4	0.05–0.20	0.1–1.0								
	CNGA120408TM-2	2	2.7	12.9	0.8	0.05–0.25	0.1–1.0								
	CNGA120412TM-2	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

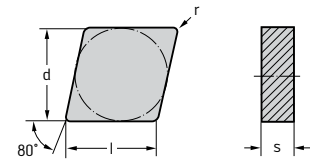
Ordering example for the grade WBH10C: CNGA120404TM-MW2 WBH10C

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

CBN – Negative rhombic 80° CNGN



Indexable inserts

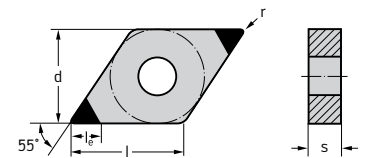
	Designation	Number of cutting edges	l mm	r mm	f mm	a _p mm	K BH WBK30
	CNGN120408TM-S	4	12,9	0,8	0,05–0,50	0,1–5,0	☺
	CNGN120412TM-S	4	12,9	1,2	0,05–0,50	0,1–5,0	☺
	CNGN120416TM-S	4	12,9	1,6	0,05–0,50	0,1–5,0	☺

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	BC	BL	BH	
 Wiper	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	☺	☺				
 Chipbreaker	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

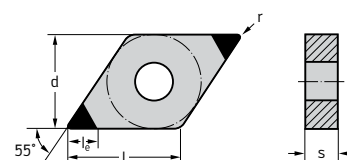
Ordering example for the grade WBH10C: DNGA150404TM-MW2 WBH10C

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

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

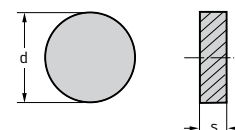
Ordering example for the grade WBH10C: DNGA150404TM-MW2 WBH10C

BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

CBN – Negative round RNGN



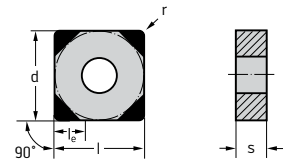
Indexable inserts

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



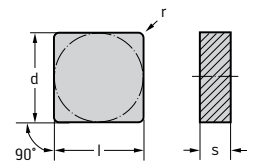
Indexable inserts

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

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



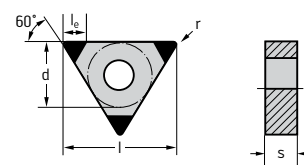
Indexable inserts

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

Ordering example for the grade WBK30: SNGN120408TM-S WBK30

BH = CBN with high CBN content

CBN – Negative triangular 60° TNGA



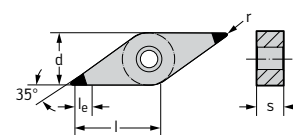
Indexable inserts

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



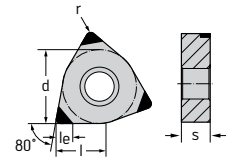
Indexable inserts

	Designation	Number of cutting edges	l _e mm	l mm	r mm	f mm	a _p mm	K			
								BH	BC	BL	H
								WBK20	WBH10C	WBH10	WBH20
								WBH30			
	VNGA160404TS-2	2	3	16,61	0,4	0,05–0,20	0,1–2,0	☹			
	VNGA160408TS-2	2	3	16,61	0,8	0,05–0,20	0,1–2,0	☹			
	VNGA160404TM-2	2	3	16,61	0,4	0,05–0,20	0,1–0,5	☹	☹	☹	☹
	VNGA160408TM-2	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				H		
								BH	BL	BH	BL	BH	BL	BH
	WNGA080408TS-3	3	2,8	8,69	0,8	0,05–0,25	0,1–2,0	WBK20	WBH10	WBH20	WBH30			
	WNGA080408TM-3	3	2,8	8,69	0,8	0,05–0,25	0,1–1,0	☺	☺	☺	☺			

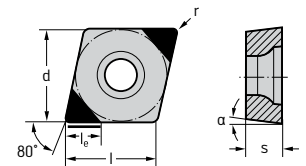
See the ISO 1832 designation key for dimensions

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	BL	BC	BL	BH	BL	BH	BL	BH
	CCGW09T304TS-MW2	2	2,8	9,67	0,4	7°	0,05–0,20	0,1–0,5	WBK20	WBH10	WBH20	WBH30					
	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

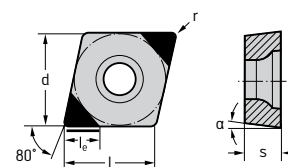
BL = CBN with low CBN content

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

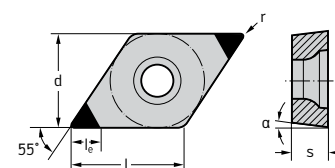
BH = CBN with high CBN content

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			
									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

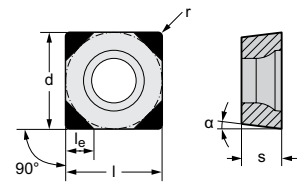
BC = coated CBN

BL = CBN with low CBN content

WALTER SELECT

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

CBN – Positive square SCGW



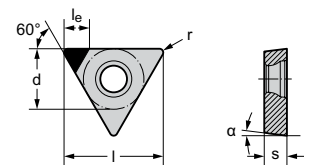
Indexable inserts

	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	K BH WBK20
	SCGW09T304TS-4	4	2,8	9,53	0,4	7°	0,05–0,20	0,1–0,5	
	SCGW09T308TS-4	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 WBK20	H BL WBH10 WBH20
	TCGW06T102TS-1	1	2,4	6,87	0,2	7°	0,02–0,12	0,1–0,3		
	TCGW06T104TS-1	1	2,2	6,87	0,4	7°	0,02–0,12	0,1–0,3		

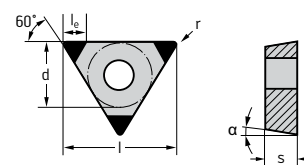
See the ISO 1832 designation key for dimensions

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		BH
	TCGW110202TS-3	3	2,8	11	0,2	7°	0,05–0,15	0,1–0,3	WBK20	WBH10C	WBH20C	WBH10	WBH20
	TCGW110204TS-3	3	3,1	11	0,4	7°	0,05–0,20	0,1–0,3	WBK20				
	TCGW110204TM-3	3	3,1	11	0,4	7°	0,05–0,20	0,1–0,3					
	TCGW110208TM-3	3	2,8	11	0,8	7°	0,05–0,25	0,1–0,5					

See the ISO 1832 designation key for dimensions

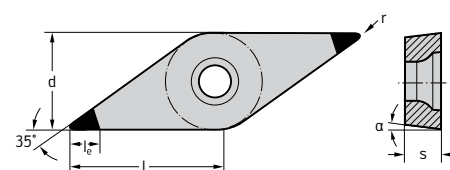
Ordering example for the grade WBK20: TCGW110202TS-3 WBK20

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	BH
	VBGW160404TS-2	2	3	16,61	0,4	5°	0,05–0,20	0,1–0,5	WBH20C	WBH10	WBH20	WBH30
	VBGW160408TS-2	2	3	16,61	0,8	5°	0,05–0,25	0,1–0,5				
	VBGW110304TM-2	2	3	11,07	0,4	5°	0,05–0,20	0,1–0,5				
	VBGW160402TM-2	2	3,4	16,61	0,2	5°	0,05–0,25	0,1–0,5				
	VBGW160404TM-2	2	3	16,61	0,4	5°	0,05–0,20	0,1–0,5				
	VBGW160408TM-2	2	3	16,61	0,8	5°	0,05–0,25	0,1–0,5				

See the ISO 1832 designation key for dimensions

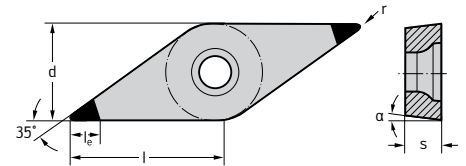
Ordering example for the grade WBH10: VBGW160404TS-2 WBH10

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
									BH	BC
	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

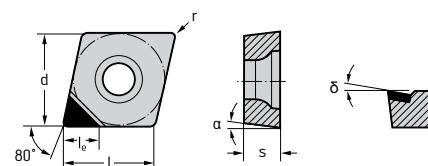
BH = CBN with high CBN content

BC = coated CBN

BL = CBN with low CBN content

PCD – Positive rhombic 80°

CCGT / CCGW



Indexable inserts

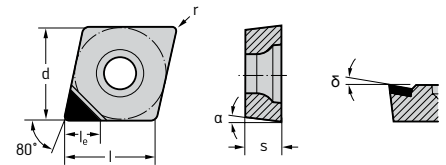
										N DP	O DP
Designation		Number of cutting edges	l _e mm	l mm	r mm	α		f mm	a _p mm	WDN10	WDN10
 Chipbreaker	CCGT060204FS-M1	1	3,5	6,45	0,4	7°	25°	0,08–0,20	0,1–2,0	☺	☺
	CCGT09T304FS-M1	1	4	9,67	0,4	7°	25°	0,08–0,20	0,1–2,0	☺	☺
	CCGT060202FS-1	1	3,5	6,45	0,2	7°	7°	0,03–0,12	0,1–3,0	☺	☺
	CCGT060204FS-1	1	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

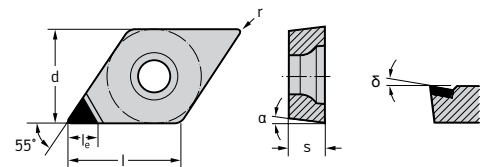
	Designation	Number of cutting edges	l_e mm	l mm	r mm	α		f mm	a_p mm	N	O
										DP	DP
										WDN10	WDN10
	CPGW050204FS-1	1	3	5,64	0,4	11°	0°	0,03–0,25	0,1–2,5		
	CPGW060204FS-1	1	3,5	6,45	0,4	11°	0°	0,03–0,25	0,1–3,0		
	CPGW09T304FS-1	1	4	9,67	0,4	11°	0°	0,03–0,25	0,1–3,5		
	CPGW09T308FS-1	1	4	9,67	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	O
										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

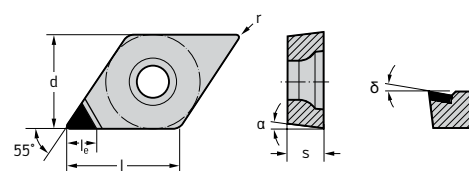
DP = Polycrystalline diamond

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	O
										DP	DP
										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	☺	☺

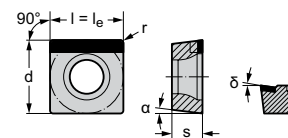
See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: DPGW070204FS-1 WDN10

DP = Polycrystalline diamond

PCD – Positive square

SCGW



Indexable inserts

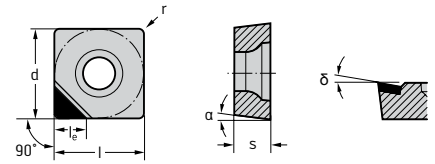
Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm			N	O
										DP	DP
										WDN10	WDN10
	SCGW09T304FS-9	1	9,5	9,53	0,4	7°	0°	0,03–0,25	0,1–9,5	☺	☺

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

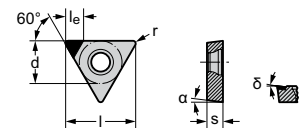
Designation	Number of cutting edges	l_e mm	l mm	r mm	α		f mm	a_p mm	N	O
									DP	DP
									WDN10	WDN10
 SPGW09T308FS-1	1	4	9,53	0,8	11°	0°	0,03–0,38	0,1–3,5		

See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: 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	O
									DP	DP
									WDN10	WDN10
 TCGW090204FS-1	1	3,8	9,62	0,4	7°	0°	0,03–0,25	0,1–3,0		
TCGW110202FS-1	1	4,4	11	0,2	7°	0°	0,03–0,12	0,1–3,0		
TCGW110204FS-1	1	4,3	11	0,4	7°	0°	0,03–0,25	0,1–3,0		
TCGW110208FS-1	1	4	11	0,8	7°	0°	0,03–0,38	0,1–3,0		
TCGW16T304FS-1	1	4,3	16,5	0,4	7°	0°	0,03–0,25	0,1–3,5		
TCGW16T308FS-1	1	4	16,5	0,8	7°	0°	0,03–0,38	0,1–3,5		
 TCGW090204FS-9	1	9	9,62	0,4	7°	0°	0,03–0,25	0,1–9,0		
TCGW110204FS-9	1	10,4	11	0,4	7°	0°	0,03–0,25	0,1–10,4		
TCGW16T308FS-9	1	15,3	16,5	0,8	7°	0°	0,03–0,38	0,1–15,3		

See the ISO 1832 designation key for dimensions

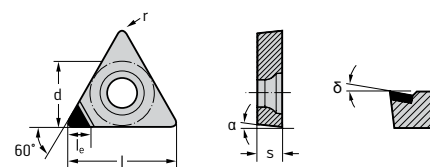
Ordering example for the grade WDN10: TCGW090204FS-1 WDN10

DP = Polycrystalline diamond

WALTER SELECT

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

PCD – Positive triangular 60° TPGW



Indexable inserts

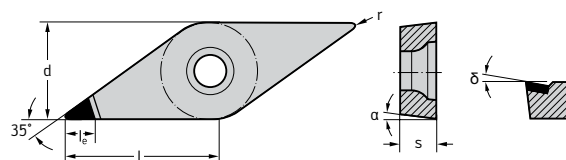
	Designation	Number of cutting edges	l _e mm	l mm	r mm	α	f mm	a _p mm	N	O
									DP	DP
									WDN10	WDN10
TPGW110204FS-1	1	4,2	11	0,4	11°	0°	0,03–0,25	0,1–3,5	☺	☺
TPGW110208FS-1	1	4	11	0,8	11°	0°	0,03–0,38	0,1–3,5	☺	☺
TPGW16T304FS-1	1	4,2	16,5	0,4	11°	0°	0,03–0,25	0,1–3,5	☺	☺
TPGW16T308FS-1	1	4	16,5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

See the ISO 1832 designation key for dimensions

Ordering example for the grade WDN10: TPGW110204FS-1 WDN10

DP = Polycrystalline diamond

PCD – Positive rhombic 35° VCGT / VCGW



Indexable inserts

										N DP	O DP
Designation		Number of cutting edges	l _e mm	l mm	r mm	α		f mm	a _p mm	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

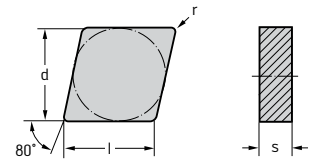
Ordering example for the grade WDN10: VCGT110302FS-1 WDN10

DP = Polycrystalline diamond

WALTER SELECT

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

Ceramic – Negative rhombic 80° CNGN / CNGA



Indexable inserts

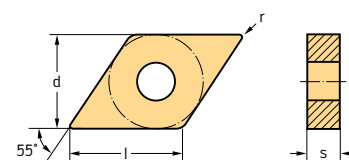
		Designation	l mm	r mm	f mm	a _p mm	K					H
							CN	S			CC	
								CS	CR			
							WCK10	WIS10	WIS30	WWS20	WCH10C	
	CNGN120408T01020	12.9	0.8	0.10–0.22	0.1–3.6							
	CNGN120412T01020	12.9	1.2	0.10–0.32	0.1–3.6							
	CNGN120708T01020	12.9	0.8	0.10–0.22	0.1–3.6							
	CNGN120712T01020	12.9	1.2	0.10–0.32	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

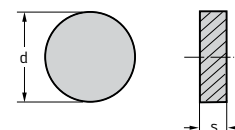
	Designation	l mm	r mm	f mm	a _p mm	K	H
						CN	CC
	DNGA150404SM-S	15,5	0,4	0,05–0,20	0,1–0,5	WCK10	WCH10C
	DNGA150408SM-S	15,5	0,8	0,05–0,25	0,1–1,0	☹	☹
	DNGA150412SM-S	15,5	1,2	0,05–0,30	0,1–1,0	☹	☹
	DNGA150604SM-S	15,5	0,4	0,05–0,20	0,1–0,5	☹	☹
	DNGA150608SM-S	15,5	0,8	0,05–0,25	0,1–1,0	☹	☹
	DNGA150612SM-S	15,5	1,2	0,05–0,30	0,1–1,0	☹	☹
	DNGA150608T02020	15,5	0,8	0,10–0,40	0,1–5,0	☹	
	DNGA150612T02020	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	S		
					CS	CR	
	RNGN120700E	12,7	0,10–0,32	0,1–3,6	WIS10	WIS30	WWS20
	RNGN120700T01020	12,7	0,20–0,32	0,2–3,6	☹	☹	☹
	RNGN150700T01020	15,875	0,10–0,40	0,2–4,5		☹	☹

See the ISO 1832 designation key for dimensions

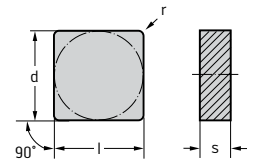
Ordering example for the grade WIS10: RNGN120700E WIS10

CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

WALTER SELECT

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

Ceramic – Negative square SNGN / SNGA



Indexable inserts

					K	S		H
					CN	CS	CR	CC
Designation		r mm	f mm	a _p mm	WCK10	WIS10	WWS20	WCH10C
	SNGN120708T01020	0.8	0.10–0.22	0.1–3.6				
	SNGN120712T01020	1.2	0.10–0.32	0.1–3.6				
	SNGN120412T02020	1.2	0.10–0.60	0.1–5.0				
	SNGN120416T02020	1.6	0.10–0.60	0.1–5.0				
	SNGN120712T02020	1.2	0.10–0.60	0.1–5.0				
	SNGA120408SM-S	0.8	0.05–0.30	0.1–1.0				
	SNGA120412SM-S	1.2	0.05–0.30	0.1–1.0				
	SNGA120408T02020	0.8	0.10–0.40	0.1–5.0				
	SNGA120412T02020	1.2	0.10–0.60	0.1–5.0				
	SNGA120416T02020	1.6	0.10–0.80	0.1–5.0				

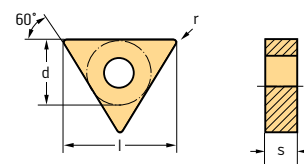
See the ISO 1832 designation key for dimensions

Ordering example for the grade WWS20: SNGN120708T01020 WWS20

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

Ceramic – Negative triangular 60°

TNGA



Indexable inserts

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

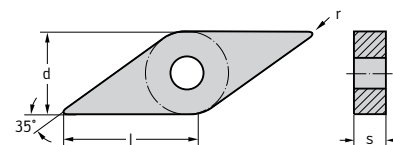
See the ISO 1832 designation key for dimensions

Ordering example for the grade WCH10C: TNGA160404SM-S WCH10C

CN = Silicon nitride Si₃N₄
CC = Coated ceramic

Ceramic – Negative rhombic 35°

VNGA



Indexable inserts

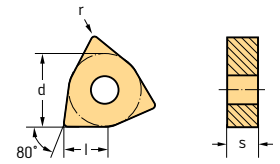
	Designation	l mm	r mm	f mm	a _p mm	H
						CC
	VNGA160404SM-S	16,61	0,4	0,05–0,20	0,1–0,5	WCH10C
	VNGA160408SM-S	16,61	0,8	0,05–0,23	0,1–0,5	☹
	VNGA160412SM-S	16,61	1,2	0,05–0,25	0,1–0,7	☹

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

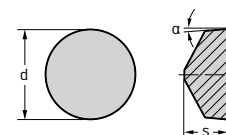
	Designation	l mm	r mm	f mm	a _p mm	K	H
						CN	CC
 Wiper	WNGA080404SM-MWS	8,69	0,4	0,05–0,25	0,1–0,5	WCK10	⊕
	WNGA080408SM-MWS	8,69	0,8	0,05–0,30	0,1–1,0	WCK10	⊕
	WNGA080404SM-S	8,69	0,4	0,05–0,20	0,1–0,5	WCK10	⊕
	WNGA080408SM-S	8,69	0,8	0,05–0,25	0,1–1,0	WCK10	⊕
	WNGA080408T02020	8,69	0,8	0,10–0,40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

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



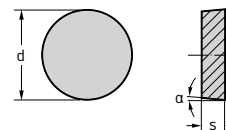
Indexable inserts

	Designation	d mm	α	f mm	a_p mm	S		
						CS	CR	
	RCGX060600E	6,35	7°	0,10–0,15	0,1–1,8	WIS10	WIS30	WIS20
	RCGX090700E	9,525	7°	0,10–0,25	0,1–2,4	☺	☹	
	RCGX120700E	12,7	7°	0,10–0,32	0,1–3,6	☺	☹	
	RCGX060600T01020	6,35	7°	0,10–0,20	0,2–1,8	☺	☹	
	RCGX090700T01020	9,525	7°	0,10–0,25	0,2–2,4	☺	☹	☹
	RCGX120700T01020	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 SiAlON
CR = Reinforced ceramic

Ceramic – Positive round RPGN

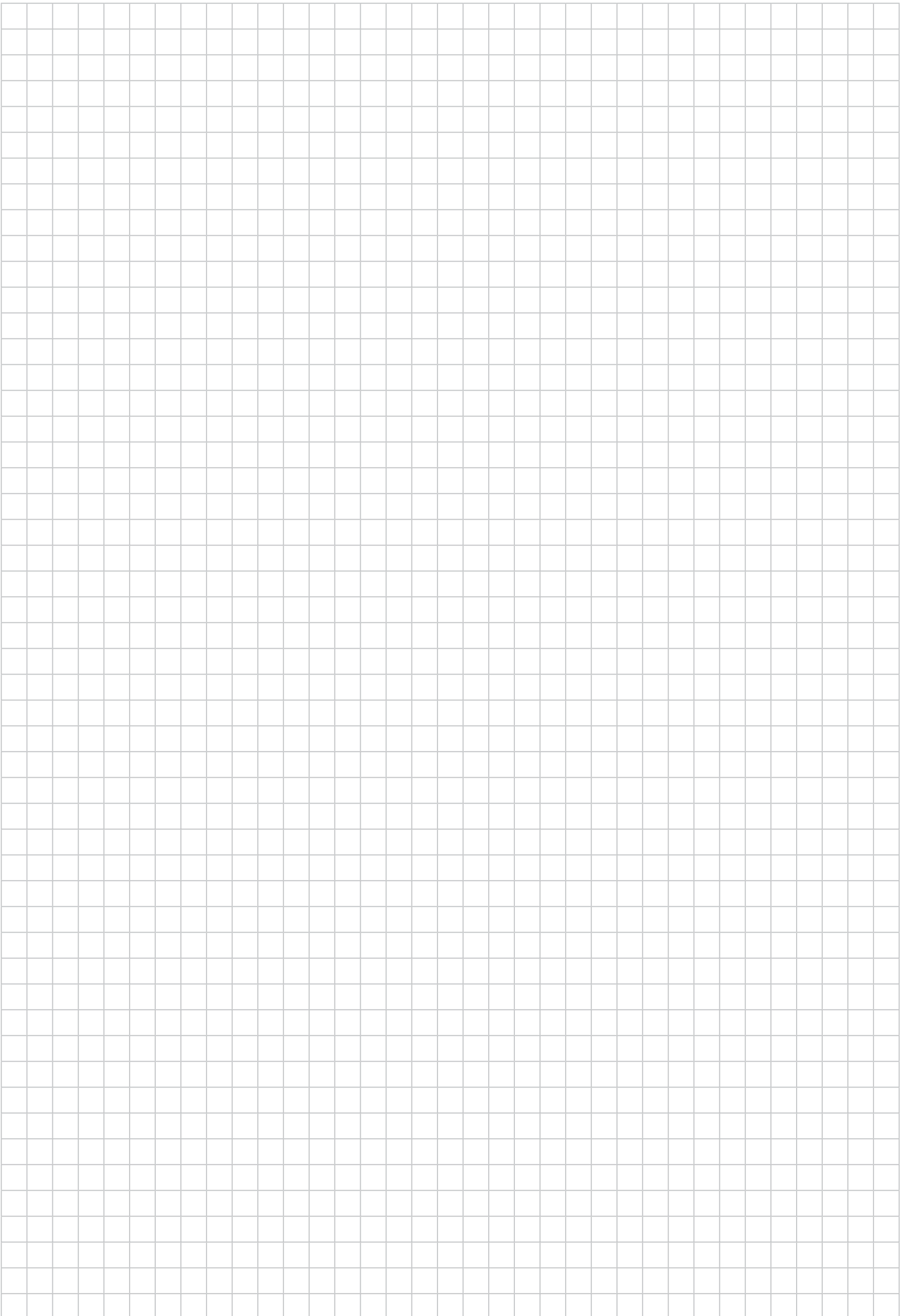


Indexable inserts

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

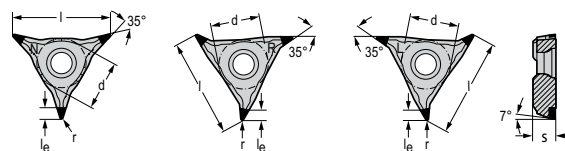
See the ISO 1832 designation key for dimensions
Ordering example for the grade WIS10: RPGN090300E WIS10

CS = Uncoated ceramic SiAlON



CBN – Indexable inserts copy turning system

WL...-VC...



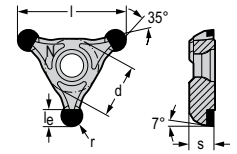
Indexable inserts

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

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

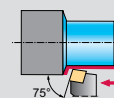
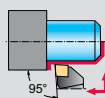
BC = coated CBN

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


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DCLN

DCLN-P

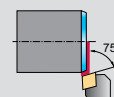
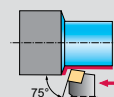
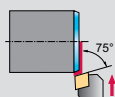
PCLN

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


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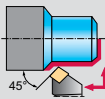
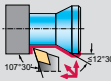
DCKN

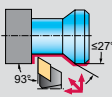
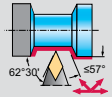
DCRN

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/			

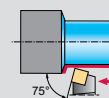
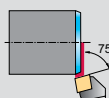
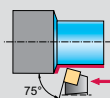
Type				
Machining				
				
Designation	DDJN...-P	PDJN	DDNN	DDPN
Approach angle	93°	93°	62,5°	62,5°
Clamping system	Claw	Lever-type	Claw	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–25	16–32	20–32	
Shank size h [Inch]	0,750–1,000			0,750–1,250
Insert size l [mm]	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/			

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

DSKN

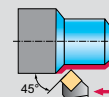
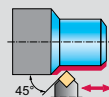
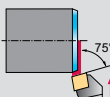
DSRN

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/

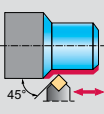
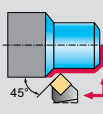
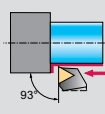
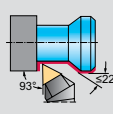
PSKN

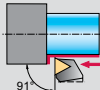
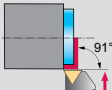
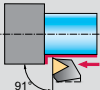
DSDN

DSSN

DSSN-P

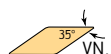
Square-shank turning toolholders – Negative basic shape

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

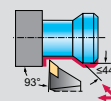
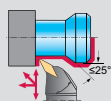
Type				
Machining				
				
Designation	DTGN	DTGN...-P	PTFN	PTGN
Approach angle	91°	91°	91°	91°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	20–32	20–25	16–32	16–40
Shank size h [Inch]				
Insert size l [mm]	16–22	16	16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

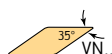
DVPN

DVTN

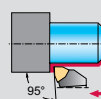
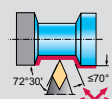
DVJN

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/

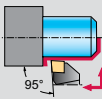
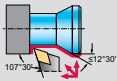
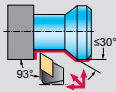
DVVN

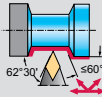
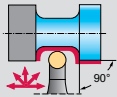
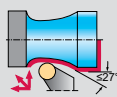
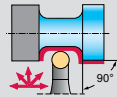
DWLN

DWLN-P

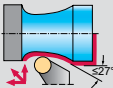
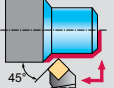
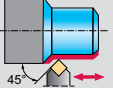
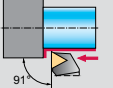
PWLN

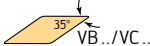
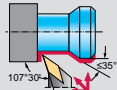
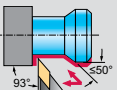
Square-shank turning toolholders – Positive basic shape

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

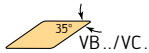
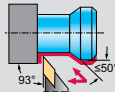
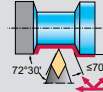
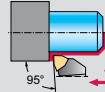
Type				
Machining				
				
Designation	SDNC	SRDC	SRSC	PRDC
Approach angle	62,5°	0°	0°	0°
Clamping system	Screw	Screw	Screw	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	10–25	12–32	20–32	20–50
Shank size h [Inch]		0,500–1,250	1,000	
Insert size l [mm]	7–11	6–16	6–16	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				
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

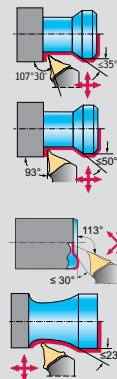
Type				
Machining				
				
Designation	PVJB	SVVB	PVVB	SWLC
Approach angle	93°	72,5°	72,5°	95°
Clamping system	Lever-type	Screw	Screw	Screw
Coolant supply	External	External	External	External
Shank size h [mm]	16–32	12–32	20–32	12–25
Shank size h [Inch]	0,750–1,000			
Insert size l [mm]	11–16	11–16	11–16	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

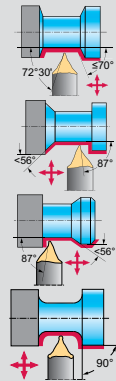
W1011-S-P

Shank tool – WL Copy turning system

Type



Machining



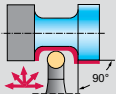
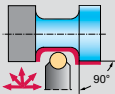
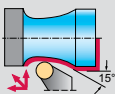
Designation	W1010...-P
Approach angle	72,5°
Clamping system	Screw
Coolant supply	Precision cooling
Shank size h [mm]	16–25
Shank size h [Inch]	0,750–1,000
Insert size l [mm]	17–25
Page in catalogue	A 206

QR code

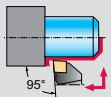
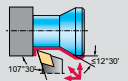

www.walter-tools.com/woc/

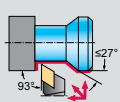
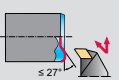
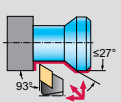
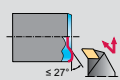
W1010-P

Square-shank turning toolholders – Ceramic indexable inserts

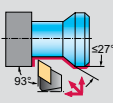
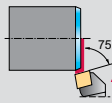
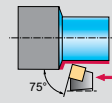
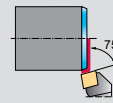
Type	 RC../RP..	 RN..		
Machining				
   				
Designation	CRDC	CRDN	CRSN	CRSN...-P
Approach angle	0°	0°	0°	0°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	32	25–32	25–32	25
Shank size h [Inch]				
Insert size l [mm]	9–12	12	12–15	12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

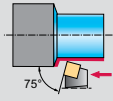
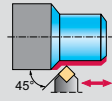
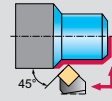
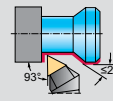
Walter Capto™ turning toolholders – Negative basic shape

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

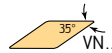
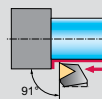
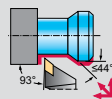
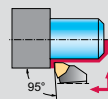
Type				
Machining				
				
Designation	C...-DDJN	C...-DDUN	C...-DDJN...-P	C...-DDUN...-P
Approach angle	93°	93°	93°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Internal	Internal	Precision cooling	Precision cooling
Walter Capto™ size	C4–C8	C4–C8	C4–C8	C6
Insert size l [mm]	11–15	15	11–15	15
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

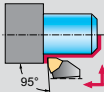
Walter Capto™ turning toolholders – Negative basic shape

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	www.walter-tools.com/woc/C-DSKN	www.walter-tools.com/woc/C-DSRN	www.walter-tools.com/woc/C-PSKN

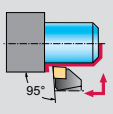
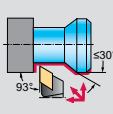
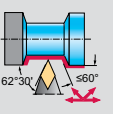
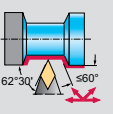
Type				
Machining				
				
Designation	C...-PSRN	C...-DSDN	C...-DSSN	C...-MTJN
Approach angle	75°	45°	45°	93°
Clamping system	Claw	Lever-type	Pratze	Pratze
Coolant supply	Precision cooling	Internal	intern	intern
Walter Capto™ size	C6–C8	C4–C8	C4–C6	C4–C6
Insert size l [mm]	19–25	12–25	12–19	16–22
Page in catalogue	A 228	A 233	A 231	A 234
QR code				
	www.walter-tools.com/woc/C-PSRN	www.walter-tools.com/woc/C-DSDN	www.walter-tools.com/woc/C-DSSN	www.walter-tools.com/woc/C-MTJN

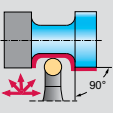
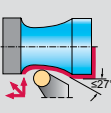
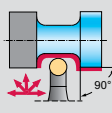
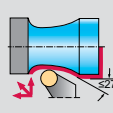
Walter Capto™ turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	C...-DTGN...-P	C...-DVJN	C...-DVJN...-P	C...-DWLN
Approach angle	91°	93°	93°	95°
Clamping system	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	C-DVJN	C-DVJN-P	C-DWLN

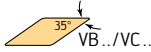
Type		
Machining		
		
Designation	C...-DWLN...-P	C...-PWLN
Approach angle	95°	95°
Clamping system	Lever-type	Claw
Coolant supply	Internal	Internal
Walter Capto™ size	C4–C6	C3–C6
Insert size l [mm]	8	6–10
Page in catalogue	A 239	A 240
QR code		
www.walter-tools.com/woc/	C-DWLN-P	C-PWLN

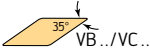
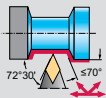
Walter Capto™ turning toolholders – Positive basic shape

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

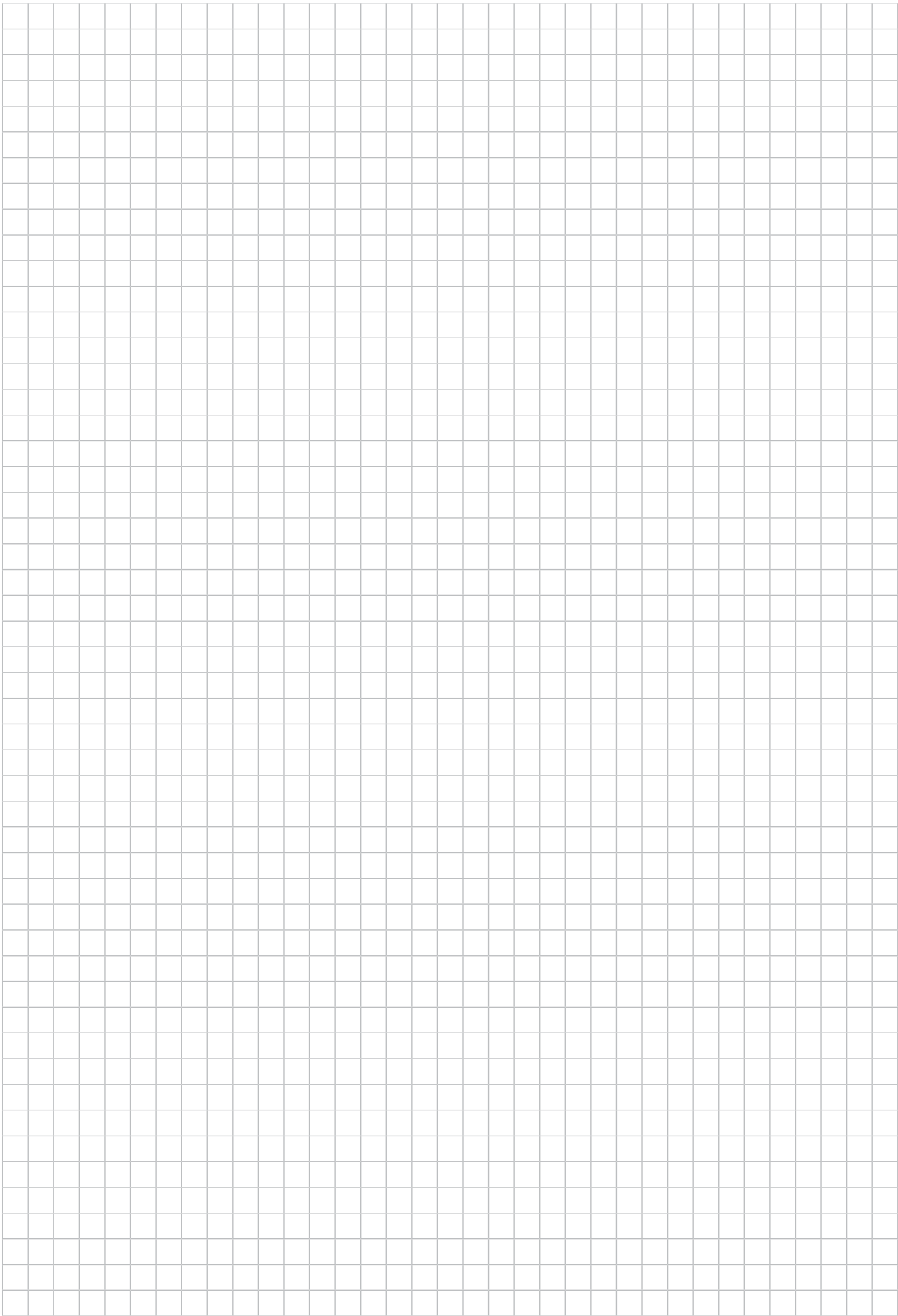
Type				
Machining				
				
Designation	C...-SRDC	C...-SRSC	C...-PRDC	C...-PRSC
Approach angle	0°	0°	0°	0°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C6	C4–C6	C5–C6	C5–C8
Insert size l [mm]	6–16	6–16	16–25	16–25
Page in catalogue	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	C-SVHB	C-SVJB
				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

A2

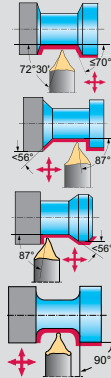
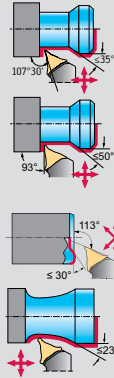


Walter Capto™ – WL copy turn system

Type



Machining



Designation	W1011-C...-P	W1010-C...-P
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	Precision cooling	Precision cooling
Walter Capto™ size	C4–C6	C4–C6
Insert size l [mm]	25	25
Page in catalogue	A 254	A 256

QR code


www.walter-tools.com/woc/

W1011-C-P

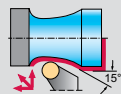
W1010-C-P

Square-shank turning toolholders – Ceramic indexable inserts

Type



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

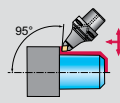
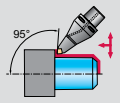
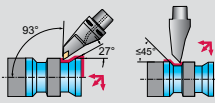
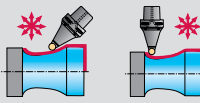
A 258

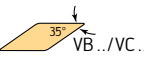
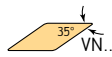
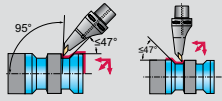
QR code


www.walter-tools.com/woc/

C-CRSN-P

Walter Capto™ turning toolholders – Turning and milling centers

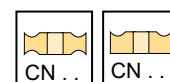
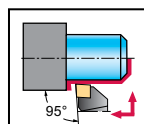
Type				
Machining				
				
Designation	C...-SCMC	C...-DCMN	C...-DDMN	C...-SRDC
Approach angle	95°	95°	93°	0°
Clamping system	Screw	Claw	Claw	Screw
Coolant supply	axial	axial	axial	Internal
Walter Capto™ size	C6	C5–C8	C5–C8	C6
Insert size l [mm]	12	12–16	15	10–16
Page in catalogue	A 262	A 259	A 260	A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

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

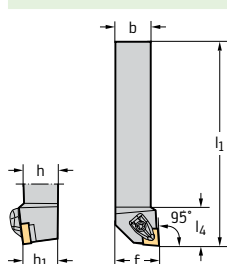
Shank tool – Rigid clamping

DCLN

Walter Turn



Tool



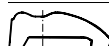
Square shank

Designation

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

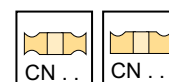
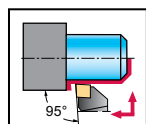
	Type	CN .. 1204 ..	CN .. 1606 ..	CN .. 1906 ..
	(standard assembly parts) Clamp set	PK241-SET	PK242-SET	PK243-SET
	Insert with hole Carbide clamp set	PK245-SET	PK246-SET	
	Insert with hole Carbide clamp set	PK254-SET		

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

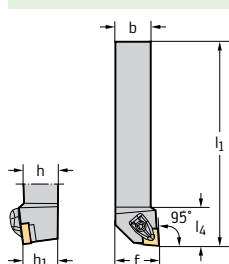
Shank tool – Rigid clamping

DCLN inch

Walter Turn



Tool

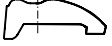
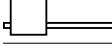


Square shank

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	-6°	-6°	CN .. 0903 ..
DCLNR123C		9	0,750	0,750	5,000	0,978	-6°	-6°	
DCLNR104A		12	0,625	0,625	4,000	0,867	-6°	-6°	CN .. 1204 ..
DCLNR124B		12	0,750	0,750	4,500	1,000	-6°	-6°	
DCLNR164C		12	1,000	1,000	5,000	1,250	-6°	-6°	
DCLNR164D		12	1,000	1,000	6,000	1,250	-6°	-6°	
DCLNR204D		12	1,250	1,250	6,000	1,500	-6°	-6°	
DCLNR244D		12	1,500	1,500	6,000	2,000	-6°	-6°	
DCLNR165D		16	1,000	1,000	6,000	1,540	-6°	-6°	CN .. 1606 ..
DCLNR205D		16	1,250	1,250	6,000	1,500	-6°	-6°	
DCLNR245D		16	1,500	1,500	6,000	2,000	-6°	-6°	
DCLNR206D		19	1,250	1,250	6,000	1,700	-6°	-6°	CN .. 1906 ..
DCLNR246D		19	1,500	1,500	6,000	2,000	-6°	-6°	
DCLNL103A		9	0,625	0,625	4,000	0,978	-6°	-6°	CN .. 0903 ..
DCLNL123C		9	0,750	0,750	5,000	0,978	-6°	-6°	
DCLNL104A		12	0,625	0,625	4,000	0,867	-6°	-6°	CN .. 1204 ..
DCLNL124B		12	0,750	0,750	4,500	1,000	-6°	-6°	
DCLNL164C		12	1,000	1,000	5,000	1,250	-6°	-6°	
DCLNL164D		12	1,000	1,000	6,000	1,250	-6°	-6°	
DCLNL204D		12	1,250	1,250	6,000	1,500	-6°	-6°	
DCLNL244D		12	1,500	1,500	6,000	2,000	-6°	-6°	
DCLNL165D		16	1,000	1,000	6,000	1,540	-6°	-6°	CN .. 1606 ..
DCLNL205D		16	1,250	1,250	6,000	1,540	-6°	-6°	
DCLNL245D		16	1,500	1,500	6,000	2,000	-6°	-6°	
DCLNL206D		19	1,250	1,250	6,000	1,700	-6°	-6°	CN .. 1906 ..
DCLNL246D		19	1,500	1,500	6,000	2,000	-6°	-6°	

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

Assembly parts

	Type h = h ₁ [inch]	CN .. 0903 .. 0,625–0,75	CN .. 1204 .. 0,625	CN .. 1204 .. 0,75–1,5	CN .. 1606 .. 1–1,5	CN .. 1906 .. 1,25–1,5
	Shim	AP414-CN09	AP354-CN12	AP301-CN12	AP302-CN16	AP303-CN19
	Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs	FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs	FS1463 (T20IP) 3,688 lbs
	Clamp	PK240	PK241	PK241	PK242	PK243
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,254 lbs	FS1473 (T15IP) 2,876 lbs	FS1473 (T15IP) 2,876 lbs	FS1474 (T20IP) 4,72 lbs	FS1474 (T20IP) 4,72 lbs
	Pressure spring	FS1469	FS1470	FS1470	FS1471	FS1471
	Pin	RS116	RS117	RS117	RS117	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)	FS1465 (T15IP)		
	Allen key				FS1464 (T20IP)	FS1464 (T20IP)

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

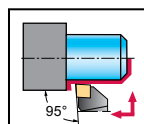
Shank tool – Rigid clamping

DCLN...-P mm

Walter Turn



– Precision cooling



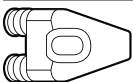
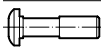
Tool

Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
DCLNR2020X12-P		12	20	115	38,5	25	-6°	-6°	CN .. 1204 ..
DCLNR2525X12-P		12	25	130	38,5	32	-6°	-6°	
DCLNR2525X16-P		16	25	135	43,5	32	-6°	-6°	CN .. 1606 ..
DCLNR3232X16-P		16	32	147	43,5	40	-5,5°	-6°	
DCLNL2020X12-P		12	20	115	38,5	25	-6°	-6°	CN .. 1204 ..
DCLNL2525X12-P		12	25	130	38,5	32	-6°	-6°	
DCLNL2525X16-P		16	25	135	43,5	32	-6°	-6°	CN .. 1606 ..
DCLNL3232X16-P		16	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	

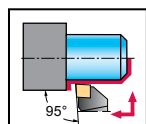
Shank tool – Rigid clamping

DCLN...-P inch

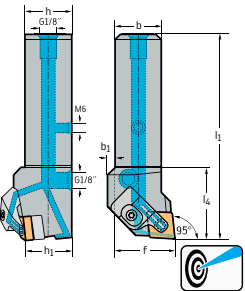
Walter Turn



– Precision cooling



Tool

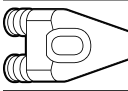
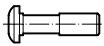
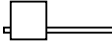
Tool			h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
	DCLNR124B-P	12	0,750	0,750	4,500	1,575	1,000	-6°	-6°	CN .. 1204 ..
	DCLNR164D-P	12	1,000	1,000	6,000	1,516	1,250	-6°	-6°	
	DCLNR165D-P	16	1,000	1,000	6,000	1,713	1,250	-6°	-6°	CN .. 1606 ..
	DCLNL124B-P	12	0,750	0,750	4,500	1,575	1,000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

Square shank

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	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

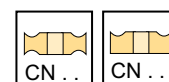
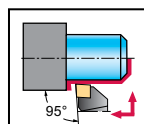
Type	Type	CN .. 1204 ..	CN .. 1606 ..
	(standard assembly parts) Clamp set		PK267-SET
	(standard assembly parts) Left clamp set	PK265L-SET	

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

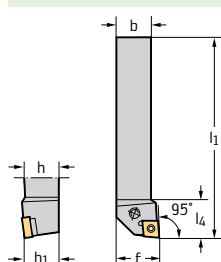
Shank tool – Lever clamping

PCLN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₄
mml₁
mm

γ

λ_s

Type

PCLNR1616H09	9	16	16	20	24,2	100	-6°	-6°	CN .. 0903 ..
PCLNR2020K09	9	20	20	25	24,2	125	-6°	-6°	
PCLNR2525M09	9	25	25	32	24,2	150	-6°	-6°	
PCLNR1616H12	12	16	16	20	27,2	100	-6°	-6°	CN .. 1204 ..
PCLNR2020K12	12	20	20	25	27,2	125	-6°	-6°	
PCLNR2525M12	12	25	25	32	27,2	150	-6°	-6°	
PCLNR3225P12	12	32	25	32	27,2	170	-6°	-6°	
PCLNR2525M16	16	25	25	32	33,9	150	-6°	-6°	CN .. 1606 ..
PCLNR3225P16	16	32	25	32	33,9	170	-6°	-6°	
PCLNR3232P16	16	32	32	40	33,9	170	-6°	-6°	
PCLNR3232P19	19	32	32	40	37,9	170	-6°	-6°	CN .. 1906 ..
PCLNR4040S19	19	40	40	50	37,9	250	-6°	-6°	
PCLNR4040S25	25	40	40	50	50	250	-6°	-6°	CN .. 2509 ..
PCLNR5050T25	25	50	50	60	50	300	-6°	-6°	
PCLNL1616H09	9	16	16	20	24,2	100	-6°	-6°	CN .. 0903 ..
PCLNL2020K09	9	20	20	25	24,2	125	-6°	-6°	
PCLNL2525M09	9	25	25	32	24,2	150	-6°	-6°	
PCLNL1616H12	12	16	16	20	27,2	100	-6°	-6°	CN .. 1204 ..
PCLNL2020K12	12	20	20	25	27,2	125	-6°	-6°	
PCLNL2525M12	12	25	25	32	27,2	150	-6°	-6°	
PCLNL3225P12	12	32	25	32	27,2	170	-6°	-6°	
PCLNL2525M16	16	25	25	32	33,9	150	-6°	-6°	CN .. 1606 ..
PCLNL3225P16	16	32	25	32	33,9	170	-6°	-6°	
PCLNL3232P16	16	32	32	40	33,9	170	-6°	-6°	
PCLNL3232P19	19	32	32	40	37,9	170	-6°	-6°	CN .. 1906 ..
PCLNL4040S19	19	40	40	50	37,9	250	-6°	-6°	
PCLNL4040S25	25	40	40	50	50	250	-6°	-6°	CN .. 2509 ..
PCLNL5050T25	25	50	50	60	50	300	-6°	-6°	

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

Assembly parts

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

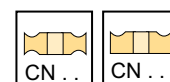
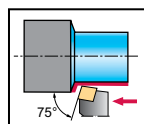
Accessories				
	Type	CN .. 0903 ..–CN .. 2509 ..	CN .. 1204 ..	CN .. 1606 .. CN .. 1906 ..
	Shim		AP134-CN1208	AP135-CN1616 AP136-CN1912

Shank tool – Rigid clamping

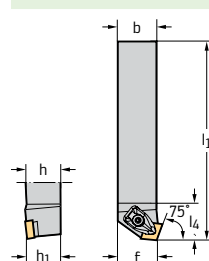
DCBN

mm

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

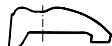
λ_s

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 ..

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

Assembly parts

	Type h = h ₁ [mm]	CN .. 1204 .. 25–32	CN .. 1606 .. 25–32	CN .. 1906 .. 32
	Shim	AP301-CN12	AP302-CN16	AP303-CN19
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK242	PK243
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1471	FS1471
	Pin	RS117	RS117	RS117
	Torx key	FS1465 (T15IP)		
	Allen key		FS1464 (T20IP)	FS1464 (T20IP)

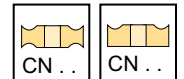
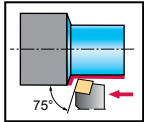
Accessories

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

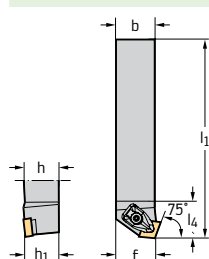
Shank tool – Rigid clamping

DCRN inch

Walter Turn



Tool

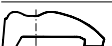
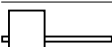
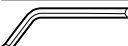


Square shank

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 h = h ₁ [inch]	CN .. 1204 .. 1	CN .. 1606 .. 1,25	CN .. 1906 .. 1,25
 Shim	AP301-CN12	AP302-CN16	AP303-CN19
 Screw for shim Tightening torque	FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs	FS1463 (T20IP) 3,688 lbs
 Clamp	PK241	PK242	PK243
 Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs	FS1474 (T20IP) 4,72 lbs	FS1474 (T20IP) 4,72 lbs
 Pressure spring	FS1470	FS1471	FS1471
 Pin	RS117	RS117	RS117
 Torx key	FS1465 (T15IP)		
 Allen key		FS1464 (T20IP)	FS1464 (T20IP)

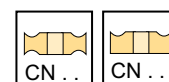
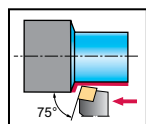
Accessories

Type	CN .. 1204 ..	CN .. 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

mm

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)

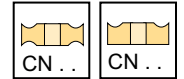
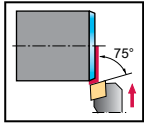
Accessories

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

Shank tool – Rigid clamping

DCKN

Walter Turn



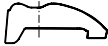
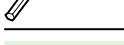
Tool

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DCKNR2525M12	12	25	25	150	21,1	32	-6°	-6°	CN .. 1204 ..
DCKNR3225P12	12	32	25	170	21,1	32	-6°	-6°	
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°	
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

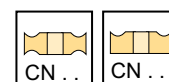
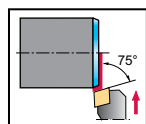
Type	CN .. 1204 ..	CN .. 1606 ..
 (standard assembly parts) Clamp set	PK241-SET	PK242-SET
 Insert with hole Carbide clamp set	PK245-SET	PK246-SET
 Insert with hole Carbide clamp set	PK254-SET	
 Shim for CN .. 1207 ..	AP411-CN1207	

Shank tool – Lever clamping

PCKN

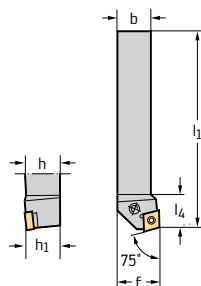
mm

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	32	22,9	153,1	-6°	-6°	CN .. 1204 ..
PCKNL2525M12		12	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	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)

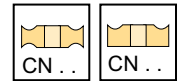
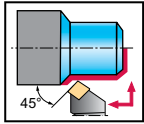
Accessories

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

Shank tool – Lever clamping

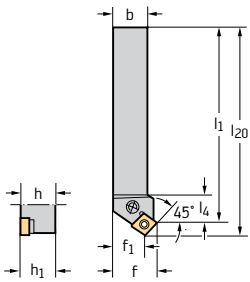
PCSN

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
PCSNR2525M12		12	25	32	23,9	150	19,7	160	-8°	-8°	CN .. 1204 ..
PCSNL2525M12		12	25	32	23,9	150	19,7	160	-8°	-8°	CN .. 1204 ..



Square shank

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

Assembly parts

Type	$h = h_1$ [mm]	CN .. 1204 .. 25
	Shim	AP134-CN1216
	Lever	KN102
	Clamping screw Tightening torque	FS352 (SW 3) 5 Nm
	Shim pin	RS102
	Tapered assembly pin	MD101
	Allen key	ISO2936-3 (SW 3)

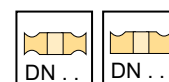
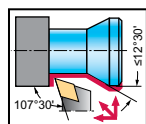
Accessories

Type	CN .. 1204 ..
	Shim AP134-CN1208

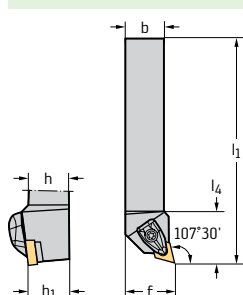
Shank tool – Rigid clamping

DDHN

Walter Turn



Tool



Square shank

Designation

 $h = h_1$
mmb
mm l_1
mm l_4
mmf
mm γ λ_s

Type

DDHNR2020K15	15	20	20	125	36,1	25	-6°	-7°	DN .. 1506 ..
DDHNR2525M15	15	25	25	150	36,1	32	-6°	-7°	
DDHNL2020K15	15	20	20	125	36,1	25	-6°	-7°	DN .. 1506 ..
DDHNL2525M15	15	25	25	150	36,1	32	-6°	-7°	

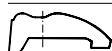
Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 150608 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
 $h = h_1$ [mm]DN .. 1506 ..
20–25

Shim

AP304-DN15

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

Clamp

PK241

Screw for clamp
Tightening torqueFS1473 (T15IP)
3,9 Nm

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

DN .. 1506 ..

(standard assembly parts)
Clamp set

PK241-SET

Insert without hole
Carbide clamp set

PK245-SET

Insert without hole
Carbide clamp set

PK254-SET



Shim for DN .. 1504 ..

AP304-DN1504



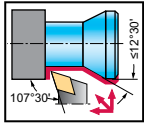
Shim for DN .. 1507 ..

AP412-DN1507

Shank tool – Rigid clamping

DDQN inch

Walter Turn



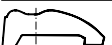
Tool

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

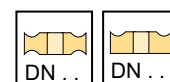
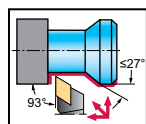
Assembly parts

	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)

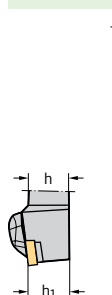
Accessories

	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 mm
Walter Turn


Tool



Square shank

Designation


 $h = h_1$
mm

 b
mm

 l_1
mm

 l_4
mm

 f
mm

 γ
 λ_s

Type

DDJNR2020K11	11	20	20	125	30,2	25	-6°	-7°	DN .. 1104 ..
DDJNR2525M11	11	25	25	150	30,2	32	-6°	-7°	
DDJNR3225P11	11	32	25	170	30,2	32	-6°	-7°	
DDJNR2020K15	15	20	20	125	39,4	25	-6°	-7°	DN .. 1506 ..
DDJNR2525M15	15	25	25	150	39,4	32	-6°	-7°	
DDJNR3225P15	15	32	25	170	39,4	32	-6°	-7°	
DDJNR3232P15	15	32	32	170	39,4	40	-6°	-7°	DN .. 1104 ..
DDJNL2020K11	11	20	20	125	30,2	25	-6°	-7°	
DDJNL2525M11	11	25	25	150	30,2	32	-6°	-7°	
DDJNL3225P11	11	32	25	170	30,2	32	-6°	-7°	DN .. 1506 ..
DDJNL2020K15	15	20	20	125	39,4	25	-6°	-7°	
DDJNL2525M15	15	25	25	150	39,4	32	-6°	-7°	
DDJNL3225P15	15	32	25	170	39,4	32	-6°	-7°	DN .. 1506 ..
DDJNL3232P15	15	32	32	170	39,4	40	-6°	-7°	

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

Assembly parts

 Type
h = h₁ [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 ..

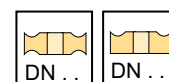
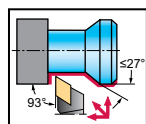
DN .. 1506 ..

	(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

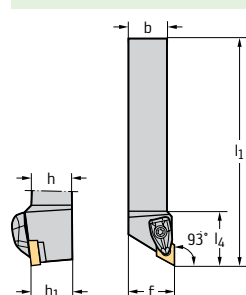
Shank tool – Rigid clamping

DDJN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

λ_s

Type

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°	

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

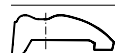
Type
h = h₁ [inch]DN .. 1104 ..
0,625–1DN .. 1504 ..
0,75–1,5DN .. 1504 ..
1

Shim

AP305-DN11

AP304-DN1504

AP304-DN1504

Screw for shim
Tightening torqueFS1462 (T9IP)
1,106 lbsFS1461 (T15IP)
1,844 lbsFS1461 (T15IP)
1,844 lbs

Clamp

PK240

PK241

PK241

Screw for clamp
Tightening torqueFS1472 (T9IP)
1,254 lbsFS1473 (T15IP)
2,876 lbsFS1473 (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

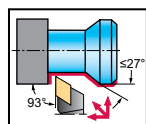
Shank tool – Rigid clamping

DDJN...-P mm

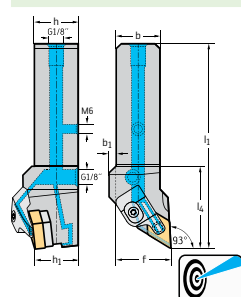
Walter Turn



– Precision cooling



Tool



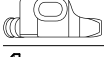
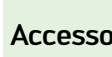
Designation

DDJNR2020X11-P	11	20	20	125	48,5	25	-6°	-7°	DN .. 1104 ..
DDJNR2525X11-P	11	25	25	140	48,5	32	-6°	-7°	
DDJNR2020X15-P	15	20	20	125	48,5	25	-6°	-7°	DN .. 1506 ..
DDJNR2525X15-P	15	25	25	140	48,5	32	-6°	-7°	
DDJNL2020X11-P	11	20	20	125	48,5	25	-6°	-7°	DN .. 1104 ..
DDJNL2525X11-P	11	25	25	140	48,5	32	-6°	-7°	
DDJNL2020X15-P	15	20	20	125	48,5	25	-6°	-7°	DN .. 1506 ..
DDJNL2525X15-P	15	25	25	140	48,5	32	-6°	-7°	

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: DN .. 110408 / DN .. 150608 | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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)

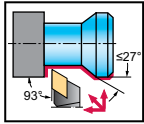
Accessories

	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

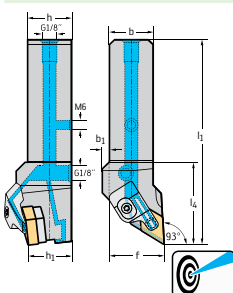
Shank tool – Rigid clamping

DDJN...-P inch
Walter Turn


– Precision cooling



Tool

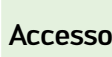
Tool			$h = h_1$ inch	b inch	l_1 inch	l_4 inch	f inch	γ	λ_s	Type
	DDJNR163D-P	11	1,000	1,000	6,000	1,909	1,250	-6°	-7°	DN .. 1104 ..
	DDJNR124B-P	15	0,750	0,750	4,500	1,969	1,000	-6°	-7°	DN .. 1504 ..
	DDJNR164D-P	15	1,000	1,000	6,000	1,909	1,250	-6°	-7°	
	DDJNL163D-P	11	1,000	1,000	6,000	1,909	1,250	-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°	

Square shank

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)

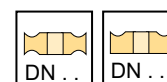
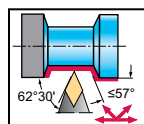
Accessories

	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

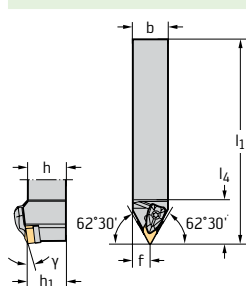
Shank tool – Rigid clamping

DDPN inch

Walter Turn



Tool



Square shank

Designation

h = h₁
inchb
inchl₁
inchl₄
inchf
inch

γ

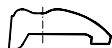
λ_s

Type

DDPNN124B	15	0,750	0,750	4,500	1,610	0,375	-5°	-9°	DN .. 1504 ..
DDPNN164D	15	1,000	1,000	6,000	1,610	0,500	-5°	-9°	
DDPNN204D	15	1,250	1,250	6,000	1,610	0,625	-5°	-9°	

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

Assembly parts

Type
h = h₁ [inch]DN .. 1504 ..
0,75–1,25Screw for shim
Tightening torqueFS1461 (T15IP)
1,844 lbs

Clamp

PK241

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

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

DN .. 1504 ..

(standard assembly parts)
Clamp set

PK241-SET

Insert without hole
Carbide clamp set

PK245-SET

Insert without hole
Carbide clamp set

PK254-SET



Shim for DN .. 1504 ..

AP304-DN1504



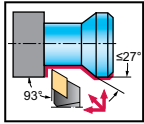
Shim for DN .. 1507 ..

AP412-DN1507

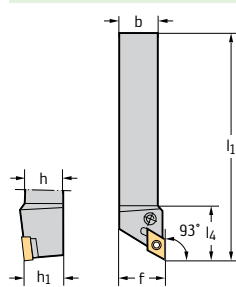
Shank tool – Lever clamping

PDJN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₄
mml₁
mm

γ

λ_s

Type

PDJNR1616H11	11	16	16	20	29,7	100	-6°	-7°	DN .. 1104 ..
PDJNR2020K11	11	20	20	25	29,7	125	-6°	-7°	
PDJNR2525M11	11	25	25	32	29,7	150	-6°	-7°	
PDJNR3225P11	11	32	25	32	29,7	170	-6°	-7°	
PDJNR2020K15	15	20	20	25	36,2	125	-6°	-7°	DN .. 1506 ..
PDJNR2525M15	15	25	25	32	36,2	150	-6°	-7°	
PDJNR3225P15	15	32	25	32	36,2	170	-6°	-7°	
PDJNR3232P15	15	32	32	40	36,2	170	-6°	-7°	
PDJNL1616H11	11	16	16	20	29,7	100	-6°	-7°	DN .. 1104 ..
PDJNL2020K11	11	20	20	25	29,7	125	-6°	-7°	
PDJNL2525M11	11	25	25	32	29,7	150	-6°	-7°	
PDJNL3225P11	11	32	25	32	29,7	170	-6°	-7°	
PDJNL2020K15	15	20	20	25	36,2	125	-6°	-7°	DN .. 1506 ..
PDJNL2525M15	15	25	25	32	36,2	150	-6°	-7°	
PDJNL3225P15	15	32	25	32	36,2	170	-6°	-7°	
PDJNL3232P15	15	32	32	40	36,2	170	-6°	-7°	

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

Assembly parts

Type
h = h₁ [mm]DN .. 1104 ..
16–32DN .. 1506 ..
20–32

	Shim	AP171-DN1112	AP145-DN1516
	Lever	KN119	KN103
	Clamping screw Tightening torque	FS351 (SW 2,5) 2 Nm	FS355 (SW 3) 5 Nm
	Shim pin	RS101	RS102
	Tapered assembly pin	MD101	MD101
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)

Accessories

Type

DN .. 1104 ..

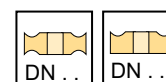
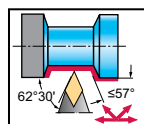
DN .. 1506 ..

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

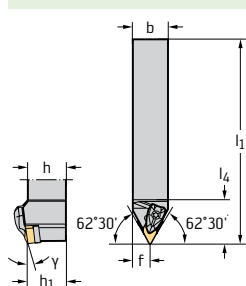
Shank tool – Rigid clamping

DDNN

Walter Turn



Tool



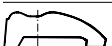
Square shank

Designation

Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DDNNN2020K11		11	20	125	31,2	10	-5°	-9°	DN .. 1104 ..
DDNNN2525M11		11	25	150	31,2	13	-5°	-9°	
DDNNN2525M15		15	25	150	40,8	13	-5°	-9°	DN .. 1506 ..
DDNNN3225P15		15	32	170	40,8	13	-5°	-9°	

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)

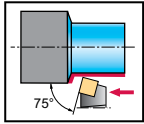
Accessories

	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

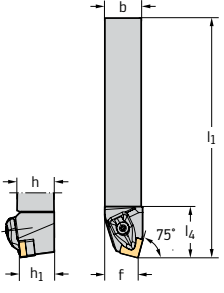
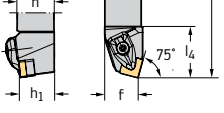
Shank tool – Rigid clamping

DSBN

Walter Turn



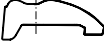
Tool

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

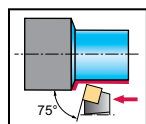
Shank tool – Rigid clamping

DSBN...-P

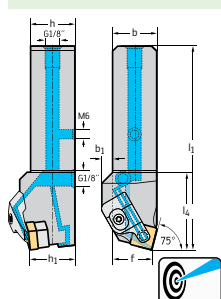
Walter Turn



– Precision cooling



Tool



Designation

h = h₁
mmb
mml₁
mml₄
mmf
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 = h₁ [mm]SN .. 1204 ..
25

Shim

AP308-SN12

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

Right clamp

PK265R



Left clamp

PK265L

Screw for clamp
Tightening torqueFS1473 (T15IP)
3,9 Nm

Pressure spring

FS2188



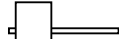
G 1/8" threaded plug

FS2258 (SW 2)



M6 threaded plug

FS2288 (SW 3)



Torx key

FS1465 (T15IP)

Accessories

Type

SN .. 1204 ..

(standard assembly parts)
Right clamp set

PK265R-SET

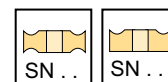
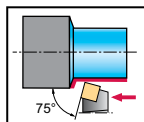
(standard assembly parts)
Left clamp set

PK265L-SET

Shank tool – Rigid clamping

DSRN inch

Walter Turn



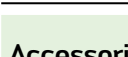
Tool

Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
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°	
DSRNR205D	15	1,250	1,250	6,000	1,640	1,291	-6°	-6°	SN .. 1506 ..
DSRNR248E	25	1,500	1,500	7,000	2,220	1,697	-6°	-6°	
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°	
DSRNL205D	15	1,250	1,250	6,000	1,640	1,291	-6°	-6°	SN .. 1506 ..
DSRNL248E	25	1,500	1,500	7,000	2,220	1,697	-6°	-6°	

Square shank

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)

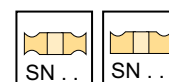
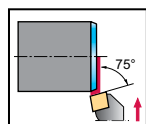
Accessories

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		

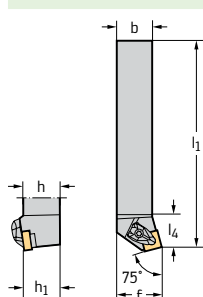
Shank tool – Rigid clamping

DSKN

Walter Turn



Tool



Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

Type

DSKNR2525M12

12

25

25

150

23,6

32

-6°

-6°

SN .. 1204 ..

DSKNR3232P15

15

32

32

170

28,9

40

-6°

-6°

SN .. 1506 ..

DSKNL2525M12

12

25

25

150

23,6

32

-6°

-6°

SN .. 1204 ..

DSKNL3232P15

15

32

32

170

28,9

40

-6°

-6°

SN .. 1506 ..

Square shank

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

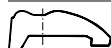
Assembly parts

Type
h = h₁ [mm]SN .. 1204 ..
25SN .. 1506 ..
32

Shim

AP308-SN12

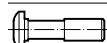
AP309-SN15

Screw for shim
Tightening torqueFS1461 (T15IP)
2,5 NmFS1463 (T20IP)
5 Nm

Clamp

PK241

PK242

Screw for clamp
Tightening torqueFS1473 (T15IP)
3,9 NmFS1474 (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



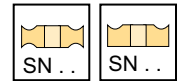
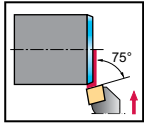
Shim for SN .. 1207 ..

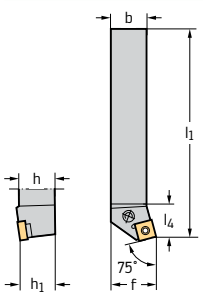
AP413-SN1207

Shank tool – Lever clamping

PSKN

Walter Turn



Tool			$h = h_1$ mm	b mm	f mm	l_4 mm	l_1 mm	γ	λ_s	Type
	Designation									
	PSKNR2020K12	12	20	20	25	23	128,1	-6°	-6°	SN .. 1204 ..
	PSKNR2525M12	12	25	25	32	23	153,1	-6°	-6°	
	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°	
	PSKNL3232P19	19	32	32	40	32,4	174,6	-6°	-6°	SN .. 1906 ..

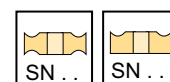
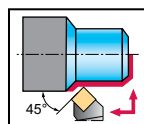
Square shank

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

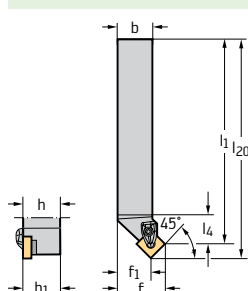
Assembly parts		Type $h = h_1$ [mm]	SN .. 1204 .. 20–25	SN .. 1906 .. 32
	Shim		AP141-SN1216	AP143-SN1924
	Lever		KN102	KN106
	Clamping screw Tightening torque		FS352 (SW 3) 5 Nm	FS356 (SW 4) 10 Nm
	Shim pin		RS102	RS104
	Tapered assembly pin		MD101	MD102
	Allen key		ISO2936-3 (SW 3)	ISO2936-4 (SW 4)

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

Shank tool – Rigid clamping

DSSN inch
Walter Turn


Tool



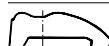
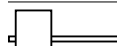
Square shank

Designation

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 ..

 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 [inch]	SN .. 1204 .. 1	SN .. 1506 .. 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	

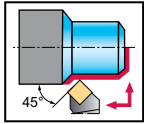
Shank tool – Rigid clamping

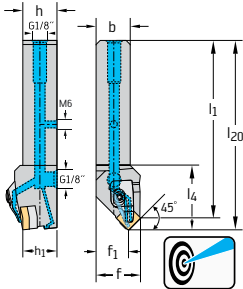
DSSN...-P

Walter Turn



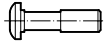
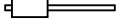
– Precision cooling



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

Square shank

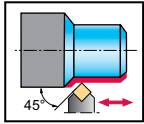
Dimensional drawing shows right-hand version. | Measured with master insert: SN .. 120408 | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories". | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue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

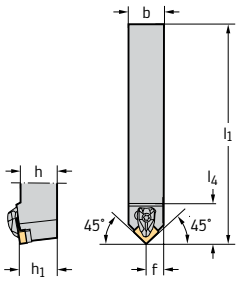
Assembly parts		
	Type h = h ₁ [mm]	SN .. 1204 .. 25
	Shim	AP308-SN12
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Right clamp	PK265R
	Left clamp	PK265L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)
Accessories		
	Type	SN .. 1204 ..
	(standard assembly parts) Right clamp set	PK265R-SET
	(standard assembly parts) Left clamp set	PK265L-SET

Shank tool – Rigid clamping

DSDN

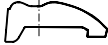
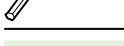
Walter Turn



Tool	Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
	DSDNN2020K12	12	20	20	125	36,5	10,3	-6°	-6°	SN .. 1204 ..
	DSDNN2525M12	12	25	25	150	36,5	12,8	-6°	-6°	
	DSDNN3225P12	12	32	25	170	36,5	12,8	-6°	-6°	
	DSDNN2525M15	15	25	25	150	44,8	12,8	-6°	-6°	SN .. 1506 ..
	DSDNN3225P19	19	32	25	170	49,5	13	-6°	-6°	SN .. 1906 ..

Square shank

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

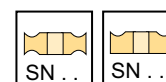
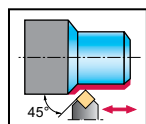
Assembly parts		Type h = h ₁ [mm]	SN .. 1204 .. 20–32	SN .. 1506 .. 25	SN .. 1906 .. 32
	Shim		AP308-SN12	AP309-SN15	AP310-SN19
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK242	PK243
	Screw for clamp Tightening torque		FS1473 (T15IP)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

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

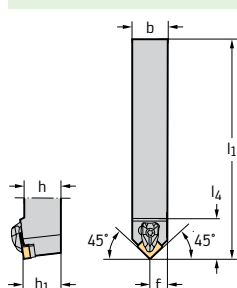
Shank tool – Rigid clamping

DSDN inch

Walter Turn



Tool



Designation

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)

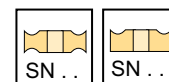
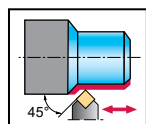
Accessories

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			

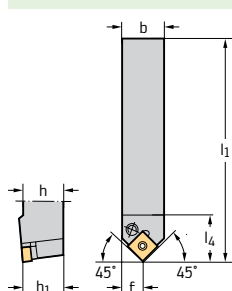
Shank tool – Lever clamping

PSDN

Walter Turn



Tool



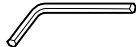
Square shank

Designation

Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type
PSDNN1212F09	9	12	12	6,3	20	80	-6°	-6°	SN .. 0903 ..
PSDNN1616H09	9	16	16	8,3	21	100	-6°	-6°	
PSDNN2020K12	12	20	20	10,3	27,6	125	-6°	-6°	
PSDNN2525M12	12	25	25	12,8	27,6	150	-6°	-6°	SN .. 1204 ..
PSDNN3225P12	12	32	25	12,8	27,6	170	-6°	-6°	
PSDNN3225P15	15	32	25	12,5	36	170	-6°	-6°	
PSDNN3232P19	19	32	32	16,3	40,4	170	-6°	-6°	SN .. 1506 ..
PSDNN4040S25	25	40	40	21	48,8	250	-6°	-6°	SN .. 1906 ..
									SN .. 2507 ..

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)

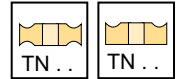
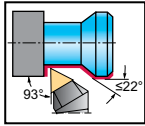
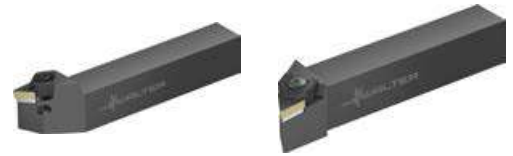
Accessories

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

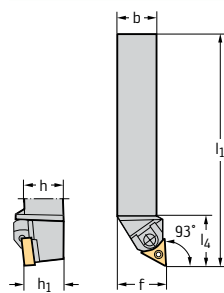
Shank tool – Wedge clamping

MTJN mm

Walter Turn



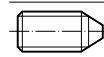
Tool

	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)

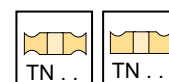
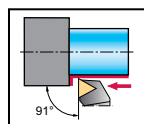
Accessories

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

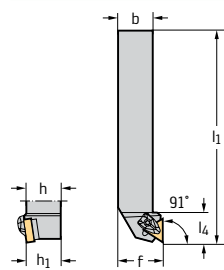
Shank tool – Rigid clamping

DTGN

mm

Walter Turn


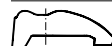
Tool

	Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
	DTGNR2020K16	16	20	20	125	25,4	25	-6°	-6°	TN .. 1604 ..
	DTGNR2525M16	16	25	25	150	24,6	32	-6°	-6°	
	DTGNR3225P16	16	32	25	170	25,3	32	-6°	-6°	
	DTGNR2525M22	22	25	25	150	32,1	32	-6°	-6°	TN .. 2204 ..
	DTGNL2020K16	16	20	20	125	25,4	25	-6°	-6°	TN .. 1604 ..
	DTGNL2525M16	16	25	25	150	24,6	32	-6°	-6°	
	DTGNL3225P16	16	32	25	170	25,3	32	-6°	-6°	
	DTGNL2525M22	22	25	25	150	32,1	32	-6°	-6°	TN .. 2204 ..

Square shank

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

Assembly parts

	Type $h = h_1$ [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

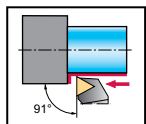
Shank tool – Rigid clamping

DTGN...-P

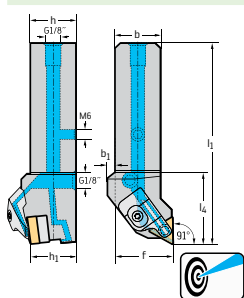
Walter Turn



- Precision cooling



Tool

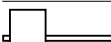


Designation		h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DTG NR2020X16-P	16	20	20	115	38,5	25	-6°	-6°	TN .. 1604 ..
DTG NR2525X16-P	16	25	25	130	38,5	32	-6°	-6°	
DTG NL2020X16-P	16	20	20	115	38,5	25	-6°	-6°	TN .. 1604 ..
DTG NL2525X16-P	16	25	25	130	38,5	32	-6°	-6°	

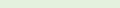
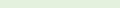
Square shank

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

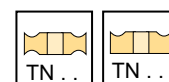
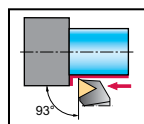
Assembly parts

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

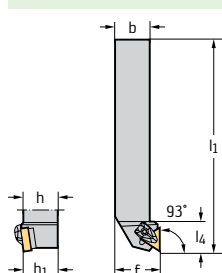
Accessories

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

Shank tool – Rigid clamping

DTJN inch
Walter Turn


Tool

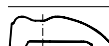
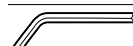


Square shank

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

 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)

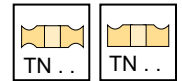
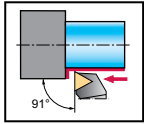
Accessories

	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°	TN .. 2706 ..
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°	TN .. 2706 ..

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

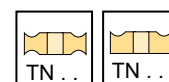
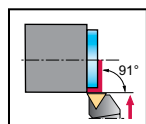
Assembly parts

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)

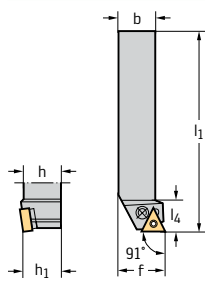
Accessories

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	20	19,7	100	-6°	-6°	TN .. 1604 ..
PTFNR2020K16		16	20	25	20,2	125	-6°	-6°	
PTFNR2525M16		16	25	32	20,2	150	-6°	-6°	
PTFNR3225P16		16	32	32	20	170	-6°	-6°	
PTFNL1616H16		16	16	20	19,7	100	-6°	-6°	TN .. 1604 ..
PTFNL2020K16		16	20	25	20,2	125	-6°	-6°	
PTFNL2525M16		16	25	32	20,2	150	-6°	-6°	
PTFNL3225P16		16	32	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)

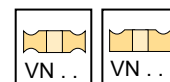
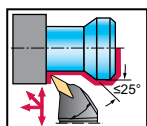
Accessories

Type	TN .. 1604 ..
 Shim	AP137-TN1608

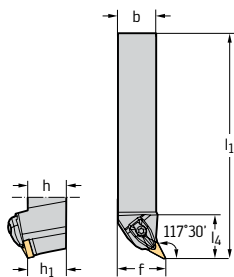
Shank tool – Rigid clamping

DVPN

Walter Turn



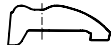
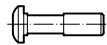
Tool

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

Square shank

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

Assembly parts

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

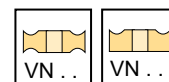
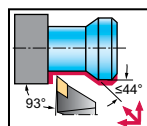
Accessories

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

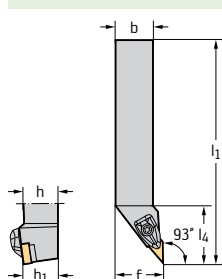
Shank tool – Rigid clamping

DVJN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

Type

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

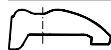
Dimensional drawing shows right-hand version. | Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
h = h₁ [mm]VN .. 1604 ..
20–32

Shim

AP312-VN16

Screw for shim
Tightening torqueFS1467 (T15IP)
3 Nm

Clamp

PK244

Screw for clamp
Tightening torqueFS1473 (T15IP)
3,9 Nm

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

VN .. 1604 ..

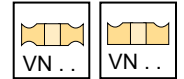
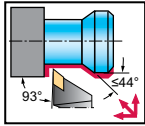
(standard assembly parts)
Clamp set

PK244-SET

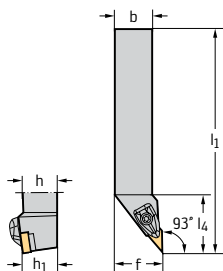
Shank tool – Rigid clamping

DVJN inch

Walter Turn



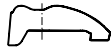
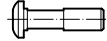
Tool

	Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
	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°	

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)

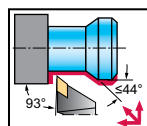
Accessories

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

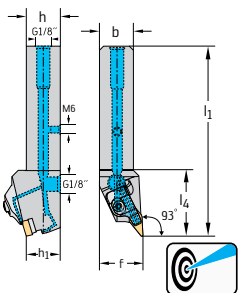
Shank tool – Rigid clamping

DVJN...-P mm
Walter Turn


– Precision cooling



Tool

Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
DVJNR2020X16-P		16	20	125	48,5	25	-4°	-13°	VN .. 1604 ..
DVJNR2525X16-P		16	25	140	48	32	-4°	-13°	
DVJNL2020X16-P		16	20	125	48,5	25	-4°	-13°	VN .. 1604 ..
DVJNL2525X16-P		16	25	140	48	32	-4°	-13°	

Square shank

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

Assembly parts

	Type $h = h_1$ [mm]	VN .. 1604 .. 20–25
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Right clamp	PK261R
	Left clamp	PK261L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

Accessories

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

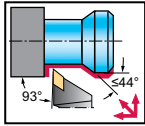
Shank tool – Rigid clamping

DVJN...-P inch

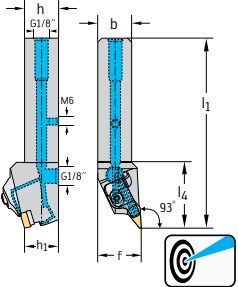
Walter Turn



– Precision cooling



Tool

Tool			$h = h_1$ 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°	
	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°	

Square shank

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)

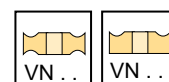
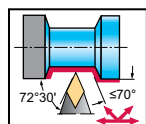
Accessories

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

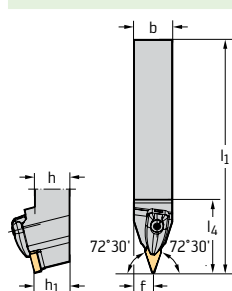
Shank tool – Rigid clamping

DVVN

Walter Turn



Tool



Square shank

Designation

Designation	h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f mm	γ	λ _s	Type
DVVNN2020K16	16	20	125	47,8	10,6	-4°	-13°	VN .. 1604 ..
DVVNN2525M16	16	25	150	47,8	13,1	-4°	-13°	
DVVNN3225P16	16	32	170	47,8	13,1	-4°	-13°	

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

Assembly parts

Type	h = h ₁ [mm]	VN .. 1604 .. 20-32
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Clamp	PK244
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (T15IP)

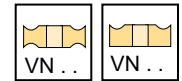
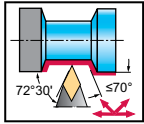
Accessories

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

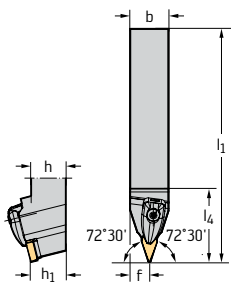
Shank tool – Rigid clamping

DVVN inch

Walter Turn



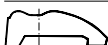
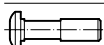
Tool

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

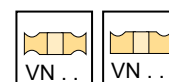
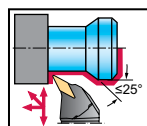
Assembly parts

	Type 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)

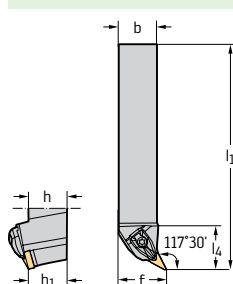
Accessories

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

Shank tool – Rigid clamping

DVTN inch
Walter Turn


Tool



Square shank

Designation


 $h = h_1$
inch

 b
inch

 l_1
inch

 l_4
inch

 f
inch

 γ
 λ_s

Type

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

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

Assembly parts

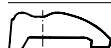
 Type
h = h₁ [inch]

 VN .. 1604 ..
0,75–1,25


Shim

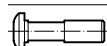
AP312-VN16


 Screw for shim
Tightening torque

 FS1467 (T15IP)
2,213 lbs


Clamp

PK244


 Screw for clamp
Tightening torque

 FS1473 (T15IP)
2,876 lbs

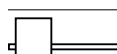

Pressure spring

FS1470



Pin

RS117



Torx key

FS1465 (T15IP)

Accessories

Type

VN .. 1604 ..

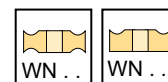
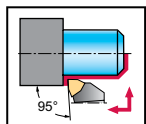

 (standard assembly parts)
Clamp set

PK244-SET

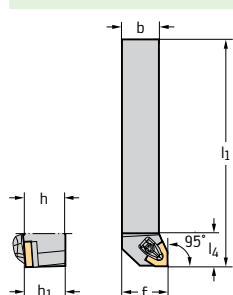
Shank tool – Rigid clamping

DWLN mm

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mml₁
mml₄
mmf
mm

γ

λ_s

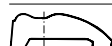
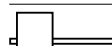
Type

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

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

Assembly parts

Type
h = h₁ [mm]WN .. 0604 ..
16–25WN .. 0804 ..
20–32WN .. 1006 ..
25–32

	Shim	AP306-WN06	AP307-WN08	AP311-WN10
	Screw for shim Tightening torque	FS1462 (T9IP) 1,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK240	PK241	PK242
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,7 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1469	FS1470	FS1471
	Pin	RS116	RS117	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)	
	Allen key			FS1464 (T20IP)

Accessories

Type

WN .. 0604 ..

WN .. 0804 ..

WN .. 1006 ..

	(standard assembly parts) Clamp set	PK240-SET	PK241-SET	PK242-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET

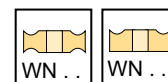
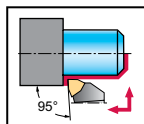
Accessories

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

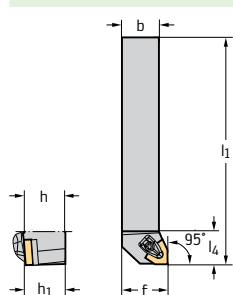
Shank tool – Rigid clamping

DWLN inch

Walter Turn



Tool



Square shank

Designation

h = h₁

inch

b

inch

l₁

inch

l₄

inch

f

inch

γ

°

λ_s

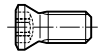
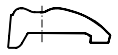
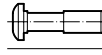
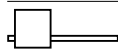
°

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 ..

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

Assembly parts

	Type h = h ₁ [inch]	WN .. 0604 .. 0,75–1	WN .. 0804 .. 0,75–1,25	WN .. 1006 .. 1
	Shim	AP306-WN06	AP307-WN08	AP311-WN10
	Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs
	Clamp	PK240	PK241	PK242
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,254 lbs	FS1473 (T15IP) 2,876 lbs	FS1474 (T20IP) 4,72 lbs
	Pressure spring	FS1469	FS1470	FS1471
	Pin	RS116	RS117	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)	
	Allen key			FS1464 (T20IP)

Accessories

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

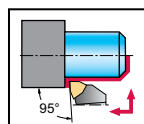
Shank tool – Rigid clamping

DWLN...-P

mm

Walter Turn


– Precision cooling



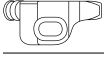
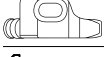
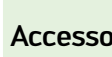
Tool

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

Square shank

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

Assembly parts

	Type h = h ₁ [mm]	WN .. 0804 .. 20–25
	Shim	AP307-WN08
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Right clamp	PK266R
	Left clamp	PK266L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

Accessories

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

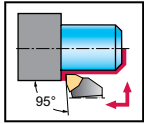
Shank tool – Rigid clamping

DWLN...-P inch

Walter Turn



– Precision cooling



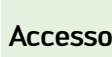
Tool

Designation		h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f inch	γ	λ _s	Type
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	h = h ₁ [inch]	WN .. 0804 .. 0,75–1
	Shim	AP307-WN08
	Screw for shim Tightening torque	FS1461 (T15IP) 1,844 lbs
	Right clamp	PK266R
	Left clamp	PK266L
	Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

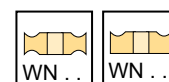
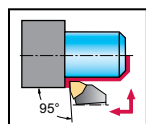
Accessories

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

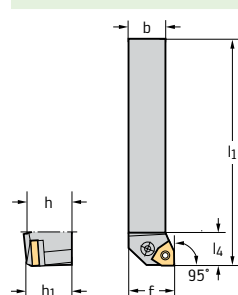
Shank tool – Lever clamping

PWLN

Walter Turn



Tool



Square shank

Designation		h = h ₁ mm	b mm	f mm	l ₄ mm	l ₁ mm	γ	λ _s	Type
PWLN1616H06		6	16	20	18,5	100	-6°	-6°	WN .. 0604 ..
PWLN2020K06		6	20	25	18,5	125	-6°	-6°	
PWLN2525M06		6	25	32	18,5	150	-6°	-6°	
PWLN2020K08		8	20	25	22	125	-6°	-6°	WN .. 0804 ..
PWLN2525M08		8	25	32	22	150	-6°	-6°	
PWLN3225P08		8	32	32	22	170	-6°	-6°	
PWLN2525M10		10	25	32	22	150	-6°	-6°	WN .. 1006 ..
PWLN3225P10		10	32	32	22	170	-6°	-6°	
PWLN1616H06		6	16	20	18,5	100	-6°	-6°	WN .. 0604 ..
PWLN2020K06		6	20	25	18,5	125	-6°	-6°	
PWLN2525M06		6	25	32	18,5	150	-6°	-6°	
PWLN2020K08		8	20	25	22	125	-6°	-6°	WN .. 0804 ..
PWLN2525M08		8	25	32	22	150	-6°	-6°	
PWLN3225P08		8	32	32	22	170	-6°	-6°	
PWLN2525M10		10	25	32	22	150	-6°	-6°	WN .. 1006 ..
PWLN3225P10		10	32	32	22	170	-6°	-6°	

Dimensional drawing shows right-hand version. | Measured with master insert: WN .. 060408 / WN .. 080408 / WN .. 100612 | Refer to the Walter online 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)

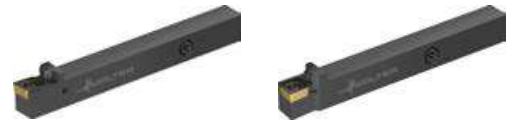
Accessories

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

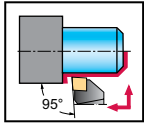
Shank tool – Screw clamping

SCLC...-S-P mm

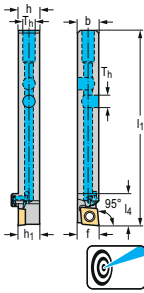
Walter Turn



- Precision cooling
- For Swiss Machining



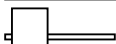
Tool

	Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
	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

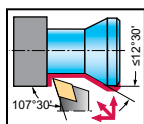
	Type $h = h_1$ [mm]	CC .. 09T3 .. 12	CC .. 09T3 .. 16
	M8x1 angle connection	FS2596	
	M8x1 connection element	FS2597	
	Copper gasket	FS2598	

Shank tool – Screw clamping

SDHC

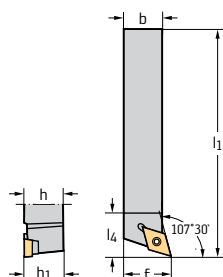
mm

Walter Turn



Tool

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



Square shank

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

Assembly parts

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

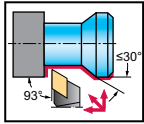
Shank tool – Rigid clamping

DDJC...-P mm

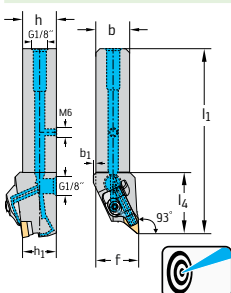
Walter Turn



– Precision cooling



Tool

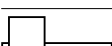
Tool			h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type
	DDJCR2020X11-P	11	20	20	25	125	48,5	-3°	-7°	DC .. 11T3 ..
	DDJCR2525X11-P	11	25	25	32	140	48,5	-3°	-7°	
	DDJCL2020X11-P	11	20	20	25	125	48,5	-3°	-7°	DC .. 11T3 ..
	DDJCL2525X11-P	11	25	25	32	140	48,5	-3°	-7°	

Square shank

Square shank

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

Assembly parts

	Type $h = h_1$ [mm]	DC .. 11T3 .. 20–25
	Shim	AP315-DC1108
	Screw for shim	FS2068 (SW 3,5)
	Right clamp	PK261R
	Left clamp	PK261L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1465 (T15IP)

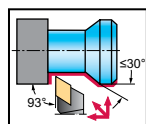
Accessories

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

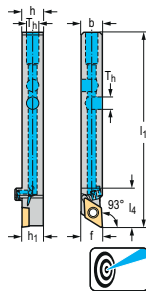
Shank tool – Screw clamping

SDJC...-S-P mm
Walter Turn


- Precision cooling
- For Swiss Machining



Tool

	Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
	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)

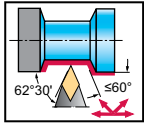
Accessories

	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

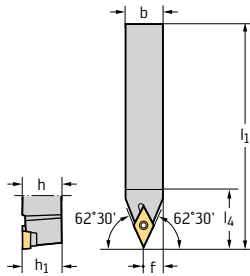
SDNC

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



Square shank

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

Assembly parts

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)

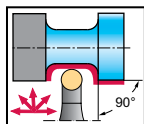
Accessories

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

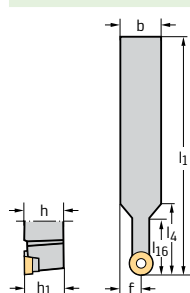
Shank tool – Screw clamping

SRDC

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mml₁₆
mm

γ

λ_s

Type

SRDCN1212F06	6	12	12	6	80	17	12	0°	0°	RC . T0602M0 ..
SRDCN2020K06	6	20	20	10	125	32	24	0°	0°	
SRDCN2525M06	6	25	25	12,5	150	54	25	0°	0°	
SRDCN1616H08	8	16	16	8	100	21,5	16	0°	0°	RC . T0803M0 ..
SRDCN2020K08	8	20	20	10	125	32	24	0°	0°	
SRDCN2525M08	8	25	25	12,5	150	33	25	0°	0°	
SRDCN2020K10	10	20	20	10	125	31	25	0°	0°	RC . T10T3M0 ..
SRDCN2525M10	10	25	25	12,5	150	32	25	0°	0°	
SRDCN2020K12	12	20	20	10	125	31	25	0°	0°	
SRDCN2525M12	12	25	25	12,5	150	35	28	0°	0°	RC . T1204M0 ..
SRDCN3225P12	12	32	25	12,5	170	35	28	0°	0°	
SRDCN3225P16	16	32	25	12,5	170	40	35	0°	0°	

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

Assembly parts

Type
h = h₁ [mm]RC . T0602M0 ..
12–25RC . T0803M0 ..
16–25RC . T10T3M0 ..
20–25RC . T1204M0 ..
20–32RC . T1606M0 ..
32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS1462 (T9IP)
1,5 NmFS2063 (T15IP)
3 NmFS2060 (T15IP)
3 NmFS2090 (T20IP)
6,4 Nm

Shim

AP324-RC10T3

AP325-RC1204

AP326-RC1606



Screw for shim

FS2068 (SW 3,5)

FS2068 (SW 3,5)

FS2091 (SW 5)



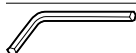
Torx key

FS1490 (T7IP)

FS1466 (T9IP)

FS1465 (T15IP)

FS1465 (T15IP)



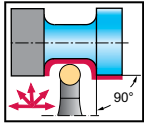
Allen key

FS1464 (T20IP)

Shank tool – Screw clamping

SRDC inch

Walter Turn



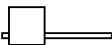
Tool

Designation		$h = h_1$ inch	b inch	f inch	l_1 inch	l_4 inch	l_{16} inch	γ	λ_s	Type
SRDCN082	6	0,500	0,500	0,246	3,500	0,500	0,701	0°	0°	RC .. 0603 ..
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°	

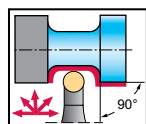
Square shank

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

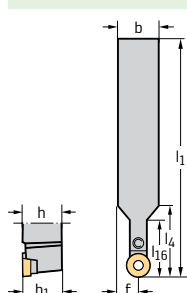
Assembly parts

	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 mm
Walter Turn


Tool



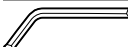
Designation

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

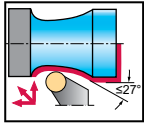
Accessories

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
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°	
SRSCR2525M08	8	25	25	32	150	20	0°	0°	RC . T0803M0 ..
SRSCR2020K10	10	20	20	25	125	20	0°	0°	
SRSCR2525M10	10	25	25	32	150	28	0°	0°	
SRSCR2020K12	12	20	20	25	125	22	0°	0°	RC . T10T3M0 ..
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 . T1204M0 ..
SRSCR2020K06	6	20	20	25	125	20	0°	0°	
SRSCR2525M06	6	25	25	32	150	20	0°	0°	
SRSCR2020K08	8	20	20	25	125	20	0°	0°	RC . T1606M0 ..
SRSCR2525M08	8	25	25	32	150	20	0°	0°	
SRSCR2020K10	10	20	20	25	125	20	0°	0°	
SRSCR2525M10	10	25	25	32	150	28	0°	0°	RC . T0602M0 ..
SRSCR2020K12	12	20	20	25	125	22	0°	0°	
SRSCR2525M12	12	25	25	32	150	28	0°	0°	
SRSCR3225P12	12	32	25	32	170	32	0°	0°	RC . T0803M0 ..
SRSCR3225P16	16	32	25	32	170	32	0°	0°	
SRSCR2020K06	6	20	20	25	125	20	0°	0°	
SRSCR2525M06	6	25	25	32	150	20	0°	0°	RC . T10T3M0 ..
SRSCR2020K08	8	20	20	25	125	20	0°	0°	
SRSCR2525M08	8	25	25	32	150	20	0°	0°	
SRSCR2020K10	10	20	20	25	125	20	0°	0°	RC . T1204M0 ..
SRSCR2525M10	10	25	25	32	150	28	0°	0°	
SRSCR2020K12	12	20	20	25	125	22	0°	0°	
SRSCR2525M12	12	25	25	32	150	28	0°	0°	RC . T1606M0 ..
SRSCR3225P12	12	32	25	32	170	32	0°	0°	
SRSCR3225P16	16	32	25	32	170	32	0°	0°	

Square shank

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

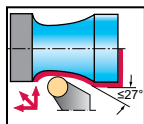
Assembly parts

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



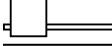
Tool

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

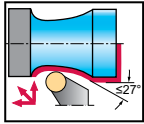
Assembly parts

	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)

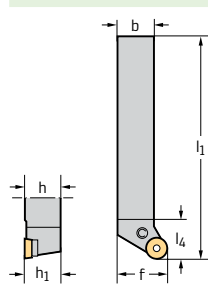
Shank tool – Lever clamping

PRGC

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

PRGCR2525M10	10	25	25	32	150	27,2	0°	0°	RC . T10T3M0 ..
PRGCR2525M12	12	25	25	32	150	27,2	0°	0°	RC . T1204M0 ..
PRGCR3225P12	12	32	25	32	170	32	0°	0°	
PRGCR3225P16	16	32	25	32	170	33,2	0°	0°	RC . T1605M0 ..
PRGCR3232P20	20	32	32	40	170	38	0°	0°	RC . T2006M0 ..
PRGCR4040S25	25	40	40	50	250	50,5	0°	0°	RC . T2507M0 ..
PRGCL2020K10	10	20	20	25	125	20,8	0°	0°	RC . T10T3M0 ..
PRGCL2525M10	10	25	25	32	150	27,2	0°	0°	
PRGCL2525M12	12	25	25	32	150	27,2	0°	0°	RC . T1204M0 ..
PRGCL3225P12	12	32	25	32	170	32	0°	0°	
PRGCL3225P16	16	32	25	32	170	33,2	0°	0°	RC . T1605M0 ..
PRGCL3232P20	20	32	32	40	170	38	0°	0°	RC . T2006M0 ..
PRGCL4040S25	25	40	40	50	250	50,5	0°	0°	RC . T2507M0 ..

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

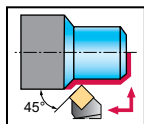
Type	RC . T10T3M0 ..	RC . T1204M0 .. – RC . T2507M0 ..	RC . T1605M0 ..
 Shim for RC .. 1003 ..	AP401-RC1003		
 Shim for RC .. 1605 ..			AP403-RC1605

Shank tool – Screw clamping

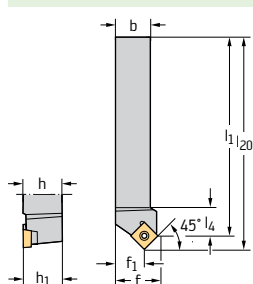
SSDC

mm

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mml₂₀
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°

SC .. 1204 ..

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°

SC .. 09T3 ..

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°

SC .. 1204 ..

SSDCL2525M12

12

25

25

18,7

150

13,7

150

0°

0°

SC .. 1204 ..

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 = h₁ [mm]SC .. 09T3 ..
16–20SC .. 1204 ..
20–25Clamping screw for indexable insert
Tightening torqueFS2060 (T15IP)
3 NmFS2065 (T15IP)
3 Nm

Shim

AP328-SC0908

AP319-SC1212



Screw for shim

FS2068 (SW 3,5)

FS2069 (SW 4)



Torx key

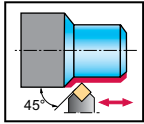
FS1465 (T15IP)

FS1496 (T15IP)

Shank tool – Screw clamping

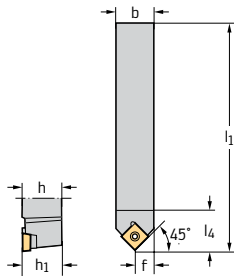
SSDCN inch

Walter Turn



Tool

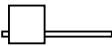
Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
SSDCN062	6	0,375	0,375	0,191	3,000	0,512	0°	0°	SC .. 0602 ..
SSDCN082B	6	0,500	0,500	0,254	0,563	0,512	0°	0°	
SSDCN083	9	0,500	0,500	0,261	3,500	0,594	0°	0°	SC .. 09T3 ..
SSDCN103	9	0,625	0,625	0,323	4,000	0,594	0°	0°	
SSDCN123B	9	0,750	0,750	0,385	4,500	0,594	0°	0°	



Square shank

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

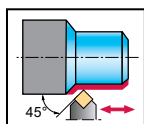
Assembly parts

Type	Type	SC .. 0602 .. 0,375–0,5	SC .. 09T3 .. 0,5–0,75
 Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,664 lbs	FS2060 (T15IP) 2,213 lbs
 Shim			AP328-SC0908
 Screw for shim			FS2068 (SW 3,5)
 Torx key		FS1490 (T7IP)	FS1465 (T15IP)

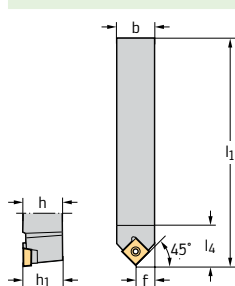
Shank tool – Screw clamping

SSDCN

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SSDCN1212F09

9

12

12

6

80

15,1

0°

0°

SC .. 09T3 ..

SSDCN1616H09

9

16

16

8

100

15,1

0°

0°

SC .. 1204 ..

SSDCN2020K12

12

20

20

10

125

22

0°

0°

SC .. 1204 ..

SSDCN2525M12

12

25

25

12,5

150

22

0°

0°

SC .. 1204 ..

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

Assembly parts

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

Shim

AP328-SC0908

AP319-SC1212



Screw for shim

FS2068 (SW 3,5)

FS2069 (SW 4)



Torx key

FS1465 (T15IP)

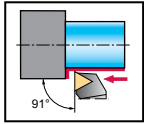
FS1465 (T15IP)

FS1496 (T15IP)

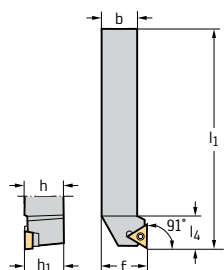
Shank tool – Screw clamping

STGC

Walter Turn



Tool

	Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
	STGCR1212F11	11	12	12	16	80	14,1	0°	0°	TC .. 1102 ..
	STGCR1616H16	16	16	16	20	100	20,1	0°	0°	TC .. 16T3 ..
	STGCR2020K16	16	20	20	25	125	20,4	0°	0°	
	STGCR2525M16	16	25	25	32	150	20,9	0°	0°	
	STGCL1212F11	11	12	12	16	80	14,1	0°	0°	TC .. 1102 ..
	STGCL1616H16	16	16	16	20	100	20,1	0°	0°	TC .. 16T3 ..
	STGCL2020K16	16	20	20	25	125	20,4	0°	0°	
	STGCL2525M16	16	25	25	32	150	20,9	0°	0°	

Square shank

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

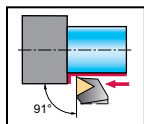
Assembly parts

	Type $h = h_1$ (mm)	TC .. 1102 .. 12	TC .. 16T3 .. 16–25
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP317-TC1612
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

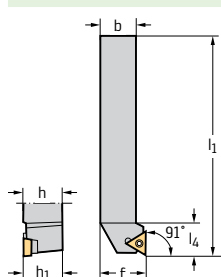
Shank tool – Screw clamping

STGC inch

Walter Turn



Tool



Square shank

Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
STGCR062	11	0,375	0,375	0,500	2,500	0,543	0°	0°	TC .. 1102 ..
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°	
STGCR123B	16	0,750	0,750	1,000	4,500	0,815	0°	0°	TC .. 16T3 ..
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°	
STGCL082B	11	0,500	0,500	0,625	3,500	0,598	0°	0°	TC .. 16T3 ..
STGCL103	16	0,625	0,625	0,750	4,000	0,823	0°	0°	
STGCL123B	16	0,750	0,750	1,000	4,500	0,815	0°	0°	
STGCL163D	16	1,000	1,000	1,250	6,000	0,815	0°	0°	

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

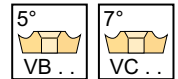
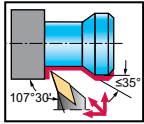
Assembly parts

	Type h = h ₁ [inch]	TC .. 1102 .. 0,375–0,5	TC .. 16T3 .. 0,625–1
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2060 (T15IP) 2,213 lbs
	Shim		AP317-TC1612
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

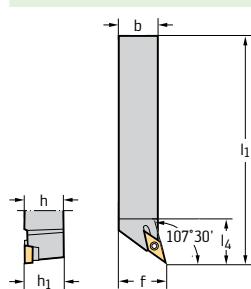
Shank tool – Screw clamping

SVHB

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SVHBR1616H11	11	16	16	20	100	18	0°	0°	VB .. 1103 ..
SVHBR2020K11	11	20	20	25	125	19	0°	0°	
SVHBR2525M11	11	25	25	32	150	27	0°	0°	
SVHBR2020K16	16	20	20	25	125	27,6	0°	0°	VB .. 1604 ..
SVHBR2525M16	16	25	25	32	150	27,6	0°	0°	
SVHBR3225P16	16	32	25	32	170	27,6	0°	0°	
SVHBL1616H11	11	16	16	20	100	18	0°	0°	VB .. 1103 ..
SVHBL2020K11	11	20	20	25	125	19	0°	0°	
SVHBL2525M11	11	25	25	32	150	27	0°	0°	
SVHBL2020K16	16	20	20	25	125	27,6	0°	0°	VB .. 1604 ..
SVHBL2525M16	16	25	25	32	150	27,6	0°	0°	
SVHBL3225P16	16	32	25	32	170	27,6	0°	0°	

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

Assembly parts

Type
h = h₁ [mm]VB .. 1103 ..
16–25VB .. 1604 ..
20–32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2060 (T15IP)
3 Nm

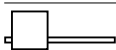
Shim

AP316-VB1608



Screw for shim

FS2068 (SW 3,5)



Torx key

FS1490 (T7IP)

FS1465 (T15IP)

Accessories

Type

VB .. 1103 ..

VB .. 1604 ..



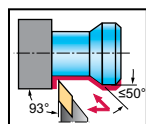
Shim

AP330-VB1612

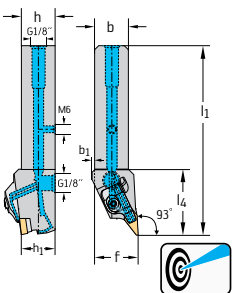
Shank tool – Rigid clamping

DVJB...-P mm
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)

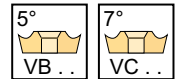
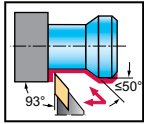
Accessories

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

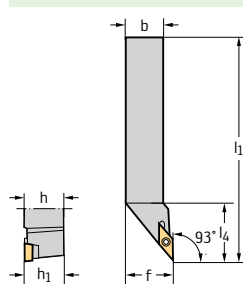
Shank tool – Screw clamping

SVJB

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SVJBR1212F11	11	12	12	16	80	20,6	0°	0°	VB .. 1103 ..
SVJBR1616H11	11	16	16	20	100	21,2	0°	0°	
SVJBR2020K11	11	20	20	25	125	21,2	0°	0°	
SVJBR2525M11	11	25	25	32	150	21,2	0°	0°	
SVJBR1616H16	16	16	16	20	100	27	0°	0°	VB .. 1604 ..
SVJBR2020K16	16	20	20	25	125	31,1	0°	0°	
SVJBR2525M16	16	25	25	32	150	31,5	0°	0°	
SVJBR3225P16	16	32	25	32	170	31,5	0°	0°	
SVJBL1212F11	11	12	12	16	80	20,6	0°	0°	VB .. 1103 ..
SVJBL1616H11	11	16	16	20	100	21,2	0°	0°	
SVJBL2020K11	11	20	20	25	125	21,2	0°	0°	
SVJBL2525M11	11	25	25	32	150	21,2	0°	0°	
SVJBL1616H16	16	16	16	20	100	27	0°	0°	VB .. 1604 ..
SVJBL2020K16	16	20	20	25	125	31,1	0°	0°	
SVJBL2525M16	16	25	25	32	150	31,5	0°	0°	
SVJBL3225P16	16	32	25	32	170	31,5	0°	0°	

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

Assembly parts

Type
h = h₁ [mm]VB .. 1103 ..
12–25VB .. 1103 ..
16VB .. 1604 ..
16VB .. 1604 ..
20–32Clamping screw for indexable insert
Tightening torqueFS2061 (T7IP)
0,9 NmFS2061 (T7IP)
0,9 NmFS2063 (T15IP)
3 NmFS2060 (T15IP)
3 Nm

Shim

AP316-VB1608

AP316-VB1608



Screw for shim

FS2068 (SW 3,5)

FS2068 (SW 3,5)



Torx key

FS1490 (T7IP)

FS1490 (T7IP)

FS1465 (T15IP)

FS1465 (T15IP)

Accessories

Type

VB .. 1103 ..–VB .. 1604 ..



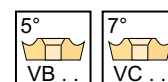
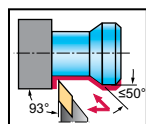
Shim for radius

AP330-VB1612

Shank tool – Screw clamping

SVJB inch

Walter Turn



Tool

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

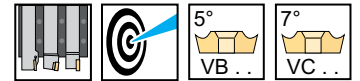
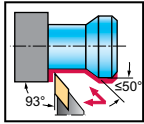
SVJB...-S-P

mm

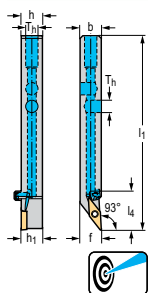
Walter Turn



- Precision cooling
- For Swiss Machining



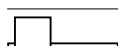
Tool

	Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
	SVJBR1212J11-S-P		11	12	12	110	22	0°	0°	M8X1	VB .. 1103 ..
	SVJBR1616X11-S-P		11	16	16	120	22	0°	0°	G1/8"	
	SVJBL1212J11-S-P		11	12	12	110	22	0°	0°	M8X1	VB .. 1103 ..
	SVJBL1616X11-S-P		11	16	16	120	22	0°	0°	G1/8"	

Square shank

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

Assembly parts

	Type $h = h_1$ [mm]	VB .. 1103 .. 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)

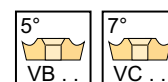
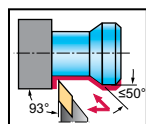
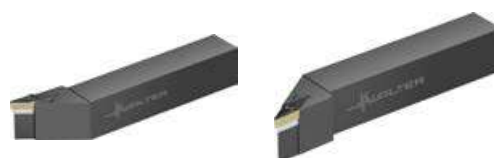
Accessories

	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

mm

Walter Turn


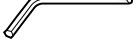
Tool

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

Square shank

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

Assembly parts

Type $h = h_1$ [mm]	VB .. 1103 .. 16–25	VB .. 1604 .. 16	VB .. 1604 .. 20–32
 Shim		AP153	AP153
 Shim pin		RS101	RS101
 Lever	KN118	KN110	KN110
 Clamping screw Tightening torque	FS347 (SW 2) 0,6 Nm	FS332 (SW 2,5) 2,5 Nm	FS351 (SW 2,5) 2 Nm
 Tapered assembly pin		MD101	MD101
 Allen key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)

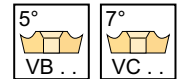
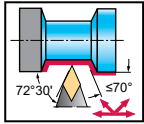
Accessories

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

Shank tool – Screw clamping

SVVB

Walter Turn



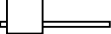
Tool

Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
SVVBN1212F11		11	12	6,3	80	21,1	0°	0°	VB .. 1103 ..
SVVBN1616H11		11	16	8,3	100	21,1	0°	0°	
SVVBN2020K11		11	20	10,3	125	21,1	0°	0°	
SVVBN2525M11		11	25	12,8	150	21,1	0°	0°	
SVVBN2020K16		16	20	10,6	125	31,5	0°	0°	VB .. 1604 ..
SVVBN2525M16		16	25	13,1	150	31,5	0°	0°	
SVVBN3225P16		16	32	25	170	31,5	0°	0°	

Square shank

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

Assembly parts

	Type $h = h_1$ [mm]	VB .. 1103 .. 12–25	VB .. 1604 .. 20–32
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

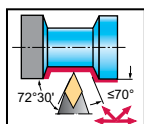
Accessories

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

Shank tool – Screw clamping

SVVB inch

Walter Turn



Tool

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

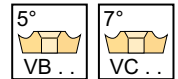
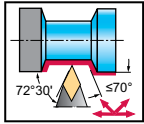
Accessories

	Type	VB .. 1604 ..
	Shim	AP330-VB1612

Shank tool – Lever clamping

PVVB

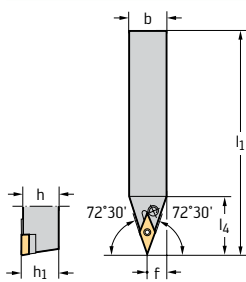
Walter Turn



Tool

Tool



Designation		h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	γ	λ _s	Type	
PVVB2020K11		11	20	20	10	125	25	0°	0°	VB .. 1103 ..
PVVB2525M11		11	25	25	12,5	150	25	0°	0°	
PVVB2020K16		16	20	20	10	125	34	0°	0°	VB .. 1604 ..
PVVB2525M16		16	25	25	12,5	150	34	0°	0°	
PVVB3225P16		16	32	25	12,5	170	34	0°	0°	

Square shank

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)

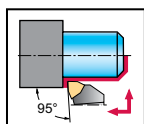
Accessories

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

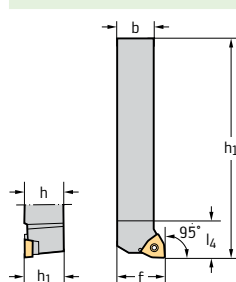
Shank tool – Screw clamping

SWLC

Walter Turn



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

SWLCR1212F04	4	12	12	16	80	11	0°	0°	WC .. 0402 ..
SWLCR1616H04	4	16	16	20	100	11	0°	0°	
SWLCR1616H06	6	16	16	20	100	15	0°	0°	WC .. 06T3 ..
SWLCR2020K06	6	20	20	25	125	15	0°	0°	
SWLCR2525M06	6	25	25	32	150	17	0°	0°	WC .. 0804 ..
SWLCR2020K08	8	20	20	25	125	20	0°	0°	
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°	WC .. 06T3 ..
SWLCL1616H06	6	16	16	20	100	15	0°	0°	
SWLCL2020K06	6	20	20	25	125	15	0°	0°	WC .. 0804 ..
SWLCL2525M06	6	25	25	32	150	17	0°	0°	
SWLCL2020K08	8	20	20	25	125	20	0°	0°	WC .. 0804 ..
SWLCL2525M08	8	25	25	32	150	21	0°	0°	

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

Assembly parts

Type
h = h₁ [mm]WC .. 0402 ..
12–16WC .. 06T3 ..
16–25WC .. 0804 ..
20–25Clamping screw for indexable insert
Tightening torqueFS2067 (T7IP)
0,9 NmFS2063 (T15IP)
3 NmFS2065 (T15IP)
3 Nm

Shim

AP318-WC0608

AP320-WC0812



Screw for shim

FS2068 (SW 3,5)

FS2069 (SW 4)

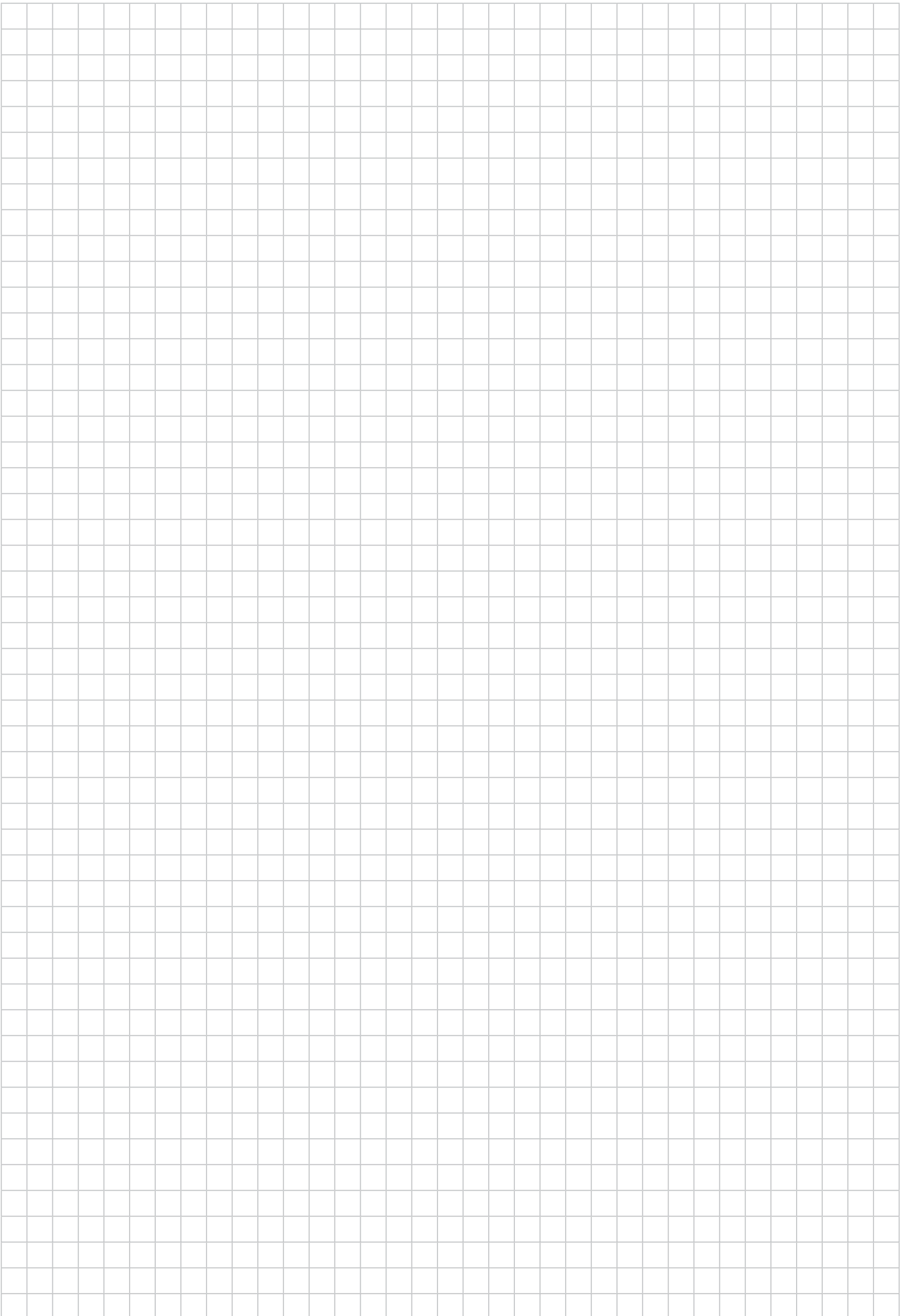


Torx key

FS1490 (T7IP)

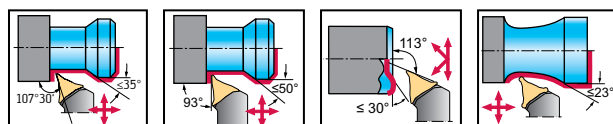
FS1465 (T15IP)

FS1496 (T15IP)

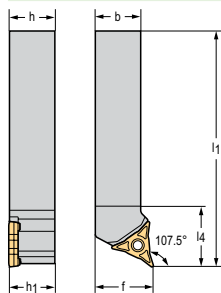


A2

Shank tool – Copy turning system

W1011 mm
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	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 = ☺

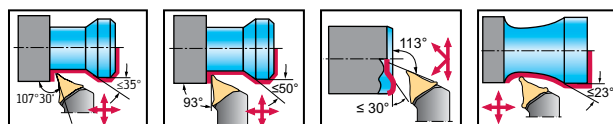
→ Good = ☺

→ Moderate = ☺

Shank tool – Copy turning system

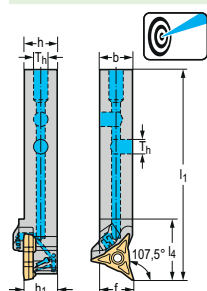
W1011...-S-P mm
Walter Turn


- Precision cooling
- For Swiss Machining



Tool

Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
W1011-1212R-WL17-S-P		17	12	12	110	22	0°	0°	M8X1	WL17..
W1011-1616R-WL17-S-P		17	16	16	110	22	0°	0°	G1/8"	
W1011-1212L-WL17-S-P		17	12	12	110	22	0°	0°	M8X1	WL17..
W1011-1616L-WL17-S-P		17	16	16	110	22	0°	0°	G1/8"	



Square shank

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

WALTER SELECT

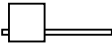
Stability of machine, workpiece and clamping arrangement

 → Very good = 

 → Good = 

 → Moderate = 

Assembly parts

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

Indexable inserts

	Designation	r mm	l _e mm	l _{e1} mm	P		M		S	
					HC		HC		HC	
					WMP20S	WPP20G	WSM10S	WSM20S	WSM10S	WSM20S
	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 = ☺

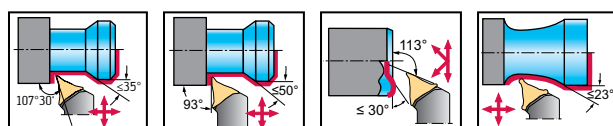
Shank tool – Copy turning system

W1011...-P

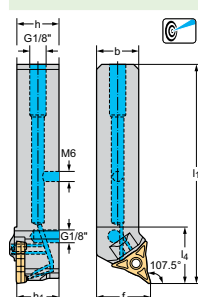
Walter Turn



– Precision cooling



Tool



Square shank

Designation

h = h₁
mmb
mmf
mml₁
mml₄
mm

γ

λ_s

Type

W1011-2020R-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
W1011-1616R-WL25-P	25	16	16	20	115	30	0°	0°	WL25..
W1011-2020R-WL25-P	25	20	20	25	115	33,5	0°	0°	
W1011-2525R-WL25-P	25	25	25	32	130	33,5	0°	0°	
W1011-3225R-WL25-P	25	32	25	32	140	36,5	0°	0°	
W1011-2020L-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
W1011-1616L-WL25-P	25	16	16	20	115	30	0°	0°	WL25..
W1011-2020L-WL25-P	25	20	20	25	115	33,5	0°	0°	
W1011-2525L-WL25-P	25	25	25	32	130	33,5	0°	0°	
W1011-3225L-WL25-P	25	32	25	32	140	36,5	0°	0°	

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

WALTER SELECT

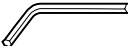
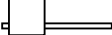
Stability of machine, workpiece and clamping arrangement

→ 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	WSM30S	WBH20C
	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 = ☺

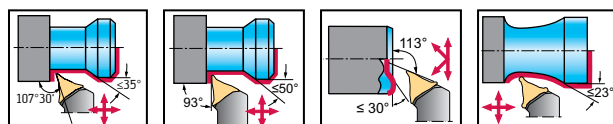
Shank tool – Copy turning system

W1011...-P inch

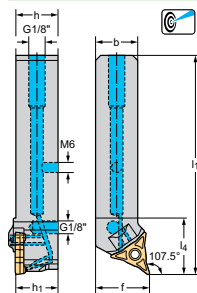
Walter Turn



– Precision cooling



Tool

	Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	Type
	W1011.12R-WL25-P	25	0,750	0,750	1,000	4,500	1,319	0°	0°	WL25..
	W1011.16R-WL25-P	25	1,000	1,000	1,250	6,000	1,319	0°	0°	
	W1011.12L-WL25-P	25	0,750	0,750	1,000	4,500	1,319	0°	0°	WL25..
	W1011.16L-WL25-P	25	1,000	1,000	1,250	6,000	1,319	0°	0°	

Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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) 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	WSM30S
	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 = ☹

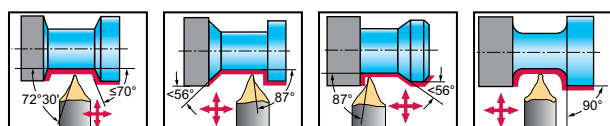
Shank tool – Copy turning system

W1010...-P

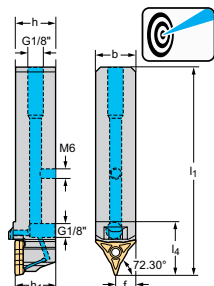
Walter Turn



– 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	16	8	120	22	0°	0°	WL17..
	W1010-2020N-WL25-P	25	20	20	10	115	33,5	0°	0°	WL25..
	W1010-2525N-WL25-P	25	25	25	13	130	33,5	0°	0°	

Square shank

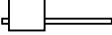
Measured with master insert: WL17-VC050804N-FM4 / WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | Refer to the Walter online catalogue for more product information: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

WALTER SELECT

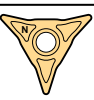
Stability of machine, workpiece and clamping arrangement

→ 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)
	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				
					WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM01	WSM10S	WSM20S	WSM30S		WKP01G	WSM01	WSM10S	WSM20S	WSM30S
	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															☺	
	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															☺	
	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

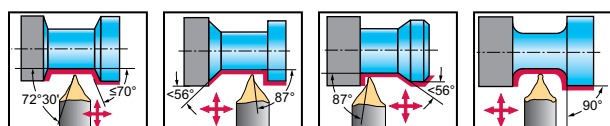
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

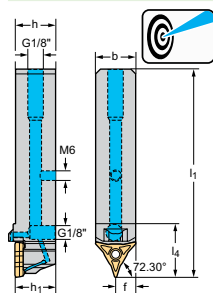
Shank tool – Copy turning system

W1010...-P inch
Walter Turn


– Precision cooling



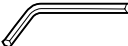
Tool

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

Square shank

Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi) | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | Refer to the Walter online 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	WSM30S
	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 = ☺

Shank tool – Rigid clamping

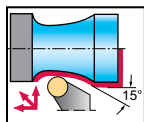
CRSN

mm

Walter Turn

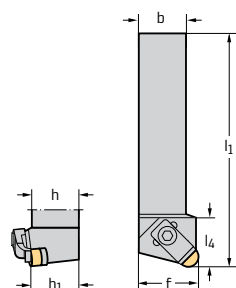


- For ceramic indexable inserts
- Claw clamping with carbide shoe



Tool

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



Square shank

Dimensional drawing shows right-hand version. | Measured with master insert: RN .. 120700 / RN .. 150700 | Refer to the Walter online 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

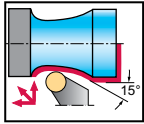
Shank tool - Rigid clamping

CRSN...-P mm

Walter Turn

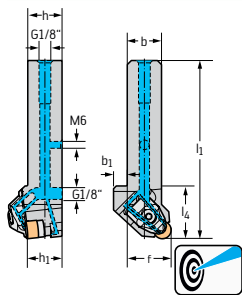


- Precision cooling
- For ceramic indexable inserts



Tool

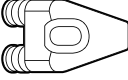
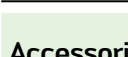
Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
CRSNR2525X12-P	12	25	25	130	38,5	32	-6°	-6°	RNGN1207 ..
CRSNL2525X12-P	12	25	25	130	38,5	32	-6°	-6°	RNGN1207 ..



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

Shank tool – Rigid clamping

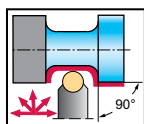
CRDN

mm

Walter Turn



- For ceramic indexable inserts
- Claw clamping with carbide shoe



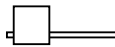
Tool

Designation		$h = h_1$ mm	b mm	l_1 mm	l_4 mm	f mm	γ	λ_s	Type
CRDNN2525M12-ID	12	25	25	150	32	18,8	-8°	0°	RNGN1207 ..
CRDNN3225P12-ID	12	32	25	170	32	18,8	-8°	0°	

Square shank

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

Assembly parts

Type $h = h_1$ [mm]	RNGN1207 .. 25-32
 Shim for RN .. 1207 ..	AP418-RN1207
 Screw for shim Tightening torque	FS2241 (T20) 5 Nm
 Clamp with screw	PK258-SET
 Carbide clamping plate	FK380
 Allen key for clamp	ISO2936-4 (SW 4)
 Torx key	FS256 (T20)

Accessories

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

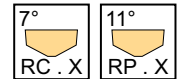
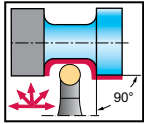
Shank tool – Rigid clamping

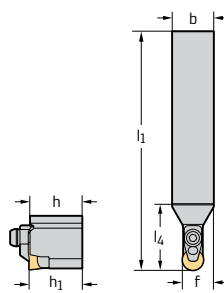
CRDC

Walter Turn



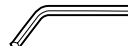
- For ceramic indexable inserts
- Claw clamping with carbide shoe



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

Square shank

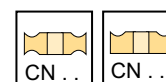
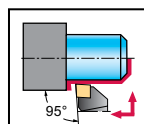
Measured with master insert: RC .. 090700 / RC .. 120700 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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

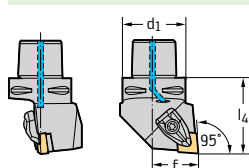
Turning tools – Rigid clamping

C...-DCLN mm
Walter Turn


– Walter Capto™



Tool

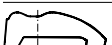
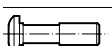
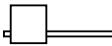
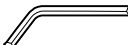


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-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	-6°	-6°	CN .. 1906 ..
C5-DCLNR-35060-19	19	C5	35	60	80	165	-6°	-6°	
C6-DCLNL-45065-19	19	C6	45	65	81	190	-6°	-6°	
C6-DCLNR-45065-19	19	C6	45	65	81	190	-6°	-6°	
C8-DCLNL-55080-19	19	C8	55	80	100	50	-6°	-6°	
C8-DCLNR-55080-19	19	C8	55	80	100	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

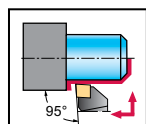
	Type d ₁	CN .. 1204 .. C4–C8	CN .. 1606 .. C4–C8	CN .. 1906 .. C5–C8
	Shim	AP301-CN12	AP302-CN16	AP303-CN19
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK242	PK243
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 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		

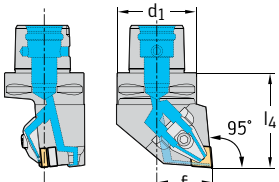
Turning tools – Rigid clamping

C...-DCLN...-P mm
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	
	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°			

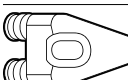
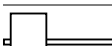


Walter Capto™ in acc. with ISO 26623

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

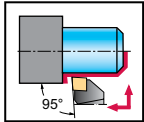
Turning tools – Lever clamping

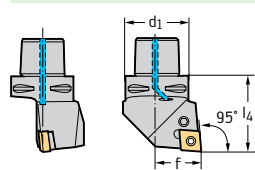
C...-PCLN mm

Walter Turn



– Walter Capto™



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

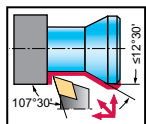
C...-DDHN...-P

mm

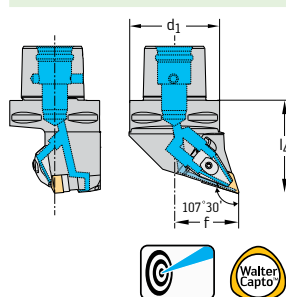
Walter Turn



- Precision cooling
- Walter Capto™



Tool



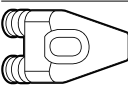
Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C6-DDHNR-45065-15-P	15	C6	45	65	500	700	-6°	7°	DN .. 1506 ..
C6-DDHNL-45065-15-P	15	C6	45	65	500	700	-6°	-7°	DN .. 1506 ..

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type d ₁	DN .. 1506 .. C6
	Shim	AP304-DN15
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Clamp	PK256
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	Torx key	FS1465 (T15IP)

Accessories

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

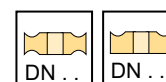
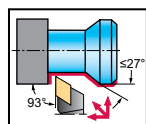
Turning tools – Rigid clamping

C...-DDJN mm

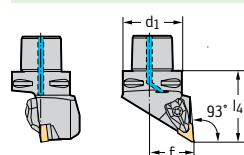
Walter Turn



– Walter Capto™



Tool

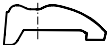
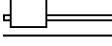


Walter Capto™ in acc. with ISO 26623

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

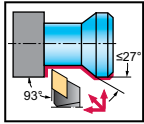
Turning tools – Lever clamping

C...-PDJN

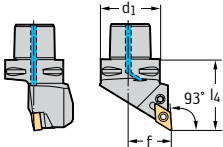
Walter Turn



– 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		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

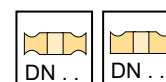
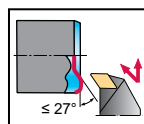
Turning tools – Rigid clamping

C...-DDUN

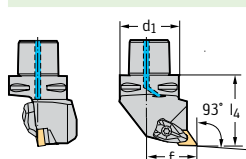
Walter Turn



– Walter Capto™



Tool

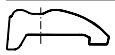
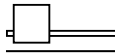


Walter Capto™ in acc. with ISO 26623

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

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

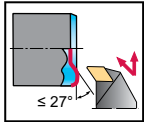
C...-DDUN...-P

mm

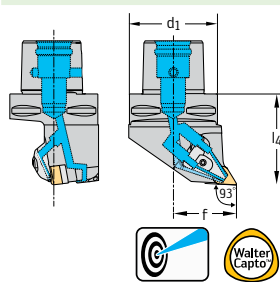
Walter Turn



- Precision cooling
- Walter Capto™



Tool



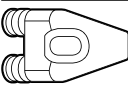
Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C6-DDUNR-45065-15-P	15	C6	45	65	500	600	-6,5°	-6°	DN .. 1506 ..
C6-DDUNL-45065-15-P	15	C6	45	65	500	600	-6,5°	-6°	DN .. 1506 ..

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type d ₁	DN .. 1506 .. C6
	Shim	AP304-DN15
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm
	Clamp	PK256
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	Torx key	FS1465 (T15IP)

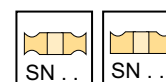
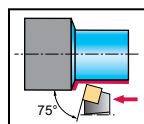
Accessories

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

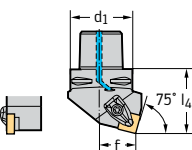
Turning tools – Rigid clamping

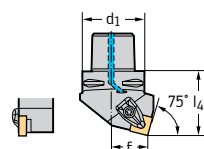
C...-DSRN mm
Walter Turn


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



Walter Capto™ in acc. with ISO 26623

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

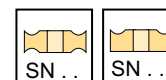
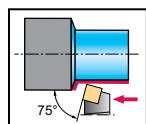
Turning tools – Lever clamping

C...-PSRN

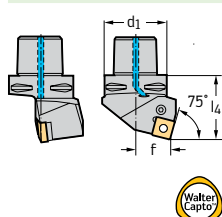
Walter Turn



– Walter Capto™



Tool



Designation

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°	
C8-PSRNL-45080-25	25	C8	45	80			-6°	-6°	SN .. 2507 ..
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

	Type d ₁	SN .. 1906 .. C6	SN .. 1906 .. C8	SN .. 2507 .. C8
	Shim	AP143-SN1924	AP143-SN1924	AP144-SN2524
	Lever	KN106	KN106	KN107
	Clamping screw Tightening torque	FS356 (SW 4) 10 Nm	FS356 (SW 4) 10 Nm	FS357 (SW 5) 14 Nm
	Shim pin	RS104	RS104	RS105
	Tapered assembly pin	MD102	MD102	MD103
	Allen key	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-5 (SW 5)
	Cooling nozzle	FS1476	FS1479	FS1479

Accessories

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

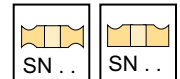
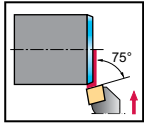
Turning tools – Rigid clamping

C...-DSKN

Walter Turn

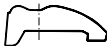
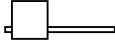


– Walter Capto™



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

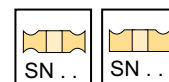
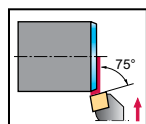
Assembly parts		Type	SN .. 1204 .. C4	SN .. 1204 .. C5–C6	SN .. 1506 .. C5	SN .. 1906 .. C6	SN .. 1906 .. C8
	Shim		AP308-SN12	AP308-SN12	AP309-SN15	AP310-SN19	AP310-SN19
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 5 Nm	FS1463 (T20IP) 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		Type	SN .. 1204 ..	SN .. 1506 ..	SN .. 1906 ..
	(standard assembly parts) Clamp set		PK241-SET	PK242-SET	PK243-SET
	Insert with hole Carbide clamp set		PK245-SET	PK246-SET	
	Insert with hole Carbide clamp set		PK254-SET		
	Shim for SN .. 1207 ..		AP413-SN1207		

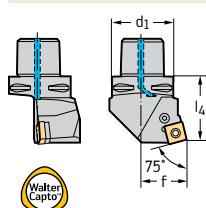
Turning tools – Lever clamping

C...-PSKN mm
Walter Turn


– Walter Capto™



Tool



Designation

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

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

Accessories

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

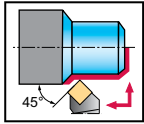
Turning tools – Rigid clamping

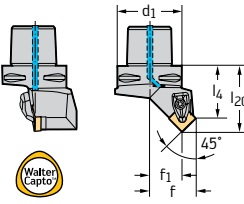
C...-DSSN

Walter Turn

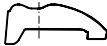
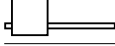


– Walter Capto™



Tool	Designation		d ₁	f mm	f ₁ mm	l ₄ mm	l ₂₀ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
 Walter Capto™ in acc. with ISO 26623	C4-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 d ₁	SN .. 1204 .. C4	SN .. 1204 .. C5	SN .. 1204 .. C6	SN .. 1506 .. C4	SN .. 1506 .. C5	SN .. 1506 .. C6	SN .. 1906 .. C6
		AP308-SN12	AP308-SN12	AP308-SN12	AP309-SN15	AP309-SN15	AP309-SN15	AP310-SN19
	Shim							
	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 ..
		PK241-SET	PK242-SET	PK243-SET
	(standard assembly parts) Clamp 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		

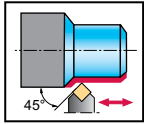
Turning tools – Rigid clamping

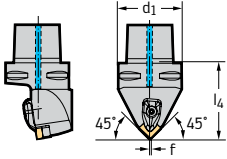
C...-DSDN

Walter Turn



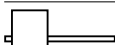
– Walter Capto™



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

Walter Capto™ in acc. with ISO 26623

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

Assembly parts		Type d ₁	SN .. 1204 .. C4	SN .. 1204 .. C5–C6	SN .. 1906 .. C6	SN .. 2507 .. C8
	Shim		AP308-SN12	AP308-SN12	AP310-SN19	AP351-SN25
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm	FS1589 (T25IP) 9,5 Nm
	Clamp		PK241	PK241	PK243	PK301
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm	FS1591 (T25IP) 9,5 Nm
	Pressure spring		FS1470	FS1470	FS1471	FS1471
	Pin		RS117	RS117	RS117	RS117
	Cooling nozzle		FS1477	FS1475	FS1475	FS1475
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)		
	Allen key				FS1464 (T20IP)	FS1592 (T25IP)

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

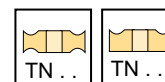
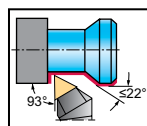
Turning tools – Wedge clamping

C...-MTJN

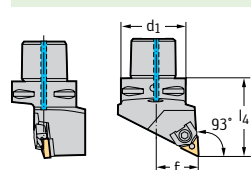
Walter Turn



– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-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
	Pin	RS106	RS106	RS107
	Clamping wedge set	FK303	FK303	FK304
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)
	Clamping screw	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm	FS358 (SW 3) 5 Nm
	Cooling nozzle	FS1018	FS1019	FS1018

Accessories

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

Turning tools – Rigid clamping

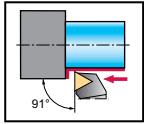
C...-DTGN...-P

mm

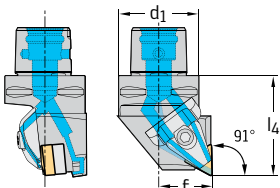
Walter Turn



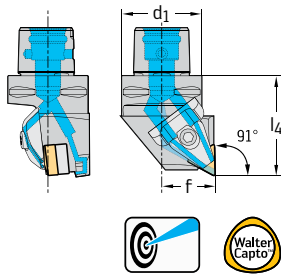
- Precision cooling
- Walter Capto™



Tool

Tool			d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
  	C4-DTGNR-27050-16-P	16	C4	27	50	600	1.400	-6°	-6°	TN .. 1604 ..
	C4-DTGNL-27050-16-P	16	C4	27	50	600	1.400	-6°	-6°	TN .. 1604 ..

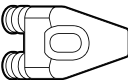
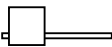
Walter Capto™ in acc. with ISO 26623



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	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)

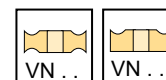
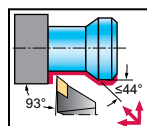
Accessories

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

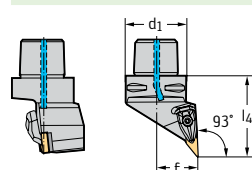
Turning tools – Rigid clamping

C...-DVJN mm
Walter Turn


– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

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

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

Assembly parts

Type d ₁	VN .. 1604 .. C4	VN .. 1604 .. C5–C6	VN .. 1604 .. C8
 Shim	AP312-VN16	AP312-VN16	AP312-VN16
 Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm	FS1467 (T15IP) 3 Nm	FS1467 (T15IP) 3 Nm
 Clamp	PK244	PK244	PK244
 Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm
 Pressure spring	FS1470	FS1470	FS1470
 Pin	RS117	RS117	RS117
 Cooling nozzle	FS1477	FS1476	FS1479
 Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)

Accessories

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

Turning tools - Rigid clamping

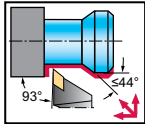
C...-DVJN...-P

mm

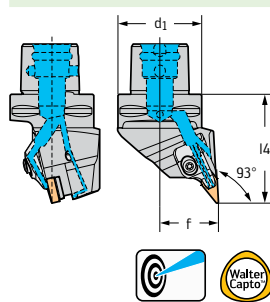
Walter Turn



- Precision cooling
- Walter Capto™



Tool



Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-DVJNR-27062-16-P	16	C4	27	62	500	125	-4°	-13°	VN .. 1604 ..
C5-DVJNR-35065-16-P	16	C5	35	65	600	150	-4°	-13°	
C6-DVJNR-45065-16-P	16	C6	45	65	700	150	-4°	-13°	
C4-DVJNL-27062-16-P	16	C4	27	62	500	125	-4°	-13°	VN .. 1604 ..
C5-DVJNL-35065-16-P	16	C5	35	65	600	150	-4°	-13°	
C6-DVJNL-45065-16-P	16	C6	45	65	700	150	-4°	-13°	

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type d ₁	VN .. 1604 .. C4-C6
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Right clamp	PK261R
	Left clamp	PK261L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	Torx key	FS1465 (T15IP)

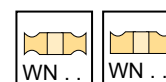
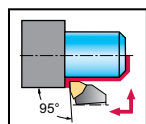
Accessories

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

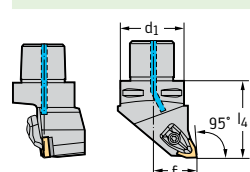
Turning tools – Rigid clamping

C...-DWLN mm
Walter Turn


– Walter Capto™



Tool

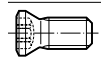
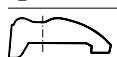
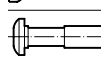
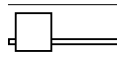


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type	
C4-DWLN-27050-06		6	C4	27	50	60	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

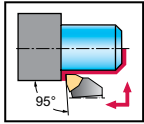
C...-DWLN...-P

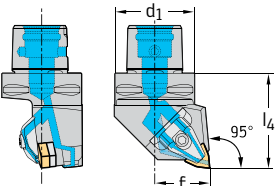
mm

Walter Turn



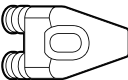
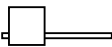
- Precision cooling
- Walter Capto™



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

Walter Capto™ in acc. with ISO 26623

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

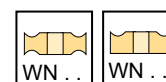
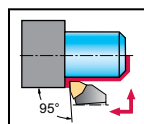
Assembly parts		Type d_1	WN .. 0804 .. C4–C6
	Shim		AP307-WN08
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm
	Clamp		PK255
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm
	Pressure spring		FS2188
	Torx key		FS1465 (T15IP)

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

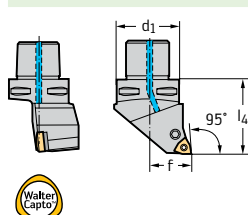
Turning tools – Lever clamping

C...-PWLN mm
Walter Turn


– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

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

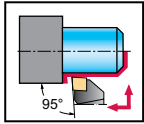
Turning tools – Screw clamping

C...-SCLC

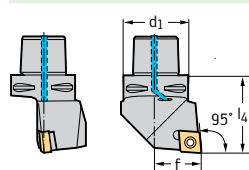
Walter Turn



– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C3-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

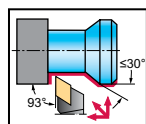
Turning tools - Rigid clamping

C...-DDJC...-P

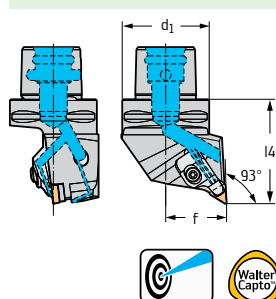
mm

Walter Turn


- Precision cooling
- Walter Capto™



Tool



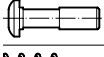
Designation

C4-DDJCR-27050-11-P	11	C4	27	50	1.200	250	-3°	-7°	DC .. 11T3 ..
C5-DDJCR-35060-11-P	11	C5	35	60	1.400	300	-3°	-7°	
C4-DDJCL-27050-11-P	11	C4	27	50	1.200	250	-3°	-7°	DC .. 11T3 ..
C5-DDJCL-35060-11-P	11	C5	35	60	1.400	300	-3°	-7°	

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type d ₁	DC .. 11T3 .. C4-C5
	Shim	AP315-DC1108
	Screw for shim	FS2068 (SW 3,5)
	Right clamp	PK261R
	Left clamp	PK261L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	Torx key	FS1465 (T15IP)

Accessories

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

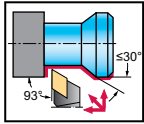
Turning tools – Screw clamping

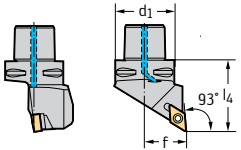
C...-SDJC

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-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

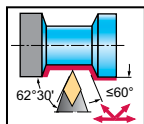
Assembly parts		Type d ₁	DC .. 0702 .. C3–C4	DC .. 11T3 .. C3–C4	DC .. 11T3 .. C5–C6
	Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim			AP315-DC1108	AP315-DC1108
	Screw for shim			FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Torx key		FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)
	Cooling nozzle		FS1477	FS1477	FS1476

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

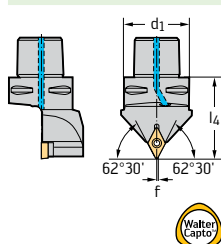
Turning tools – Screw clamping

C...-SDNC
Walter Turn


– Walter Capto™



Tool



Designation

d₁f
mml₄
mmD_{min}
mmD_{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
d₁DC .. 11T3 ..
C3–C4DC .. 11T3 ..
C5Clamping screw for indexable insert
Tightening torqueFS2060 (T15IP)
3 NmFS2060 (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

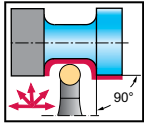
Turning tools – Screw clamping

C...-SRDC

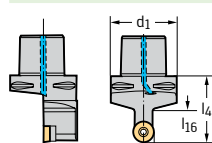
Walter Turn



– Walter Capto™



Tool

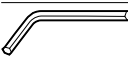


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-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°	
C4-SRDCN-00050-08		8	C4	4	50		0°	0°	RC . T0803M0 ..
C5-SRDCN-00060-08		8	C5	4	60		0°	0°	
C4-SRDCN-00050-10		10	C4	5	50		0°	0°	
C5-SRDCN-00060-10		10	C5	5	60		0°	0°	RC . T10T3M0 ..
C6-SRDCN-00065-10		10	C6	5	65		0°	0°	
C4-SRDCN-00050-12		12	C4	6	50		0°	0°	
C5-SRDCN-00060-12		12	C5	6	60		0°	0°	RC . T1204M0 ..
C6-SRDCN-00065-12		12	C6	6	65		0°	0°	
C5-SRDCN-00060-16		16	C5	8	60		0°	0°	
C6-SRDCN-00065-16		16	C6	8	65		0°	0°	RC . T1606M0 ..

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

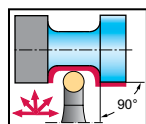
Assembly parts

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

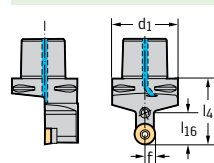
Turning tools – Lever clamping

C...-PRDC
Walter Turn


– Walter Capto™



Tool



Designation

d₁f
mml₄
mml₁₆
mmD_{min}
mmD_{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°

RC . T1605M0 ..

C5-PRDCN-00060-20

20

C5

10

60

40

0°

0°

RC . T2006M0 ..

C6-PRDCN-00065-20

20

C6

10

65

40

0°

0°

RC . T2006M0 ..

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

	Type d ₁	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

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

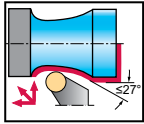
Turning tools – Screw clamping

C...-SRSC

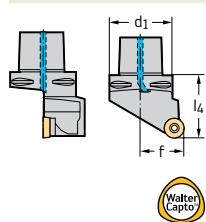
Walter Turn



– Walter Capto™



Tool

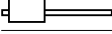


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-SRSC-27050-06	6	C4	27	50	160	140	0°	0°	RC . T0602M0 ..
C4-SRSC-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-SRSC-27050-08	8	C4	27	50	110	140	0°	0°	
C5-SRSC-35060-08	8	C5	35	60	110	165	0°	0°	
C5-SRSC-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-SRSC-27050-10	10	C4	27	50	150	140	0°	0°	
C5-SRSC-35060-10	10	C5	35	60	150	165	0°	0°	
C5-SRSC-35060-10	10	C5	35	60	150	165	0°	0°	
C6-SRSC-45065-10	10	C6	45	65	150	190	0°	0°	
C6-SRSC-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-SRSC-27050-12	12	C4	27	50	150	140	0°	0°	
C5-SRSC-35060-12	12	C5	35	60	150	165	0°	0°	
C5-SRSC-35060-12	12	C5	35	60	150	165	0°	0°	
C6-SRSC-45065-12	12	C6	45	65	150	190	0°	0°	
C6-SRSC-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-SRSC-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

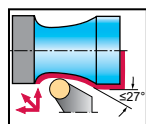
Assembly parts

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

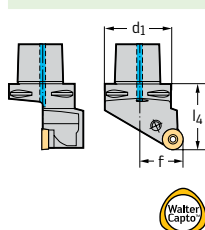
Turning tools – Lever clamping

C...-PRSC
Walter Turn


– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C5-PRSCL-35060-16	16	C5	35	60			0°	0°	RC . T1605M0 ..
C5-PRSCR-35060-16	16	C5	35	60			0°	0°	
C6-PRSCL-45065-16	16	C6	45	65			0°	0°	
C6-PRSCR-45065-16	16	C6	45	65			0°	0°	
C5-PRSCL-35060-20	20	C5	35	60			0°	0°	RC . T2006M0 ..
C5-PRSCR-35060-20	20	C5	35	60			0°	0°	
C6-PRSCL-45065-20	20	C6	45	65			0°	0°	
C6-PRSCR-45065-20	20	C6	45	65			0°	0°	
C8-PRSCL-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-PRSCL-45065-25	25	C6	45	65	200	190	0°	0°	
C6-PRSCR-45065-25	25	C6	45	65	200	190	0°	0°	
C8-PRSCL-55080-25	25	C8	55	80	200	1.250	0°	0°	
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
	Lever	KN111	KN112	KN112	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
	Shim pin	RS108	RS103	RS103	RS104
	Tapered assembly pin	MD102	MD102	MD103	MD102
	Cooling nozzle	FS1019	FS1019	FS1479	FS1476
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-4 (SW 4)

Accessories

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

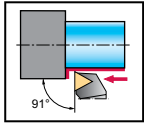
Turning tools – Screw clamping

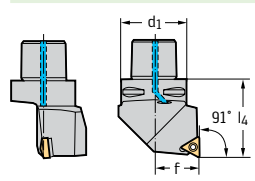
C...-STGC

Walter Turn



– Walter Capto™



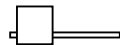
Tool										
	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
	C4-STGCL-27050-11	11	C4	27	50	90	140	0°	0°	TC .. 1102 ..
	C4-STGCR-27050-11	11	C4	27	50	90	140	0°	0°	
	C4-STGCL-27050-16	16	C4	27	50	140	140	0°	0°	TC .. 16T3 ..
	C4-STGCR-27050-16	16	C4	27	50	140	140	0°	0°	
	C5-STGCL-35060-16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

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 d ₁	TC .. 1102 .. C4	TC .. 16T3 .. C4	TC .. 16T3 .. 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

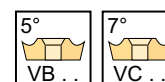
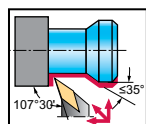
Turning tools – Screw clamping

C...-SVHB

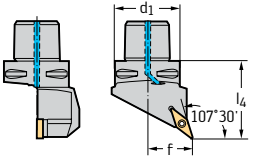
Walter Turn



– Walter Capto™



Tool

	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
  Walter Capto™ in acc. with ISO 26623	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°	
	C5-SVHBR-35060-16	16	C5	35	60	95	165	0°	0°	
	C6-SVHBL-45065-16	16	C6	45	65	95	190	0°	0°	
	C6-SVHBR-45065-16	16	C6	45	65	95	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

	Type d ₁	VB .. 1103 .. C3–C4	VB .. 1604 .. C4	VB .. 1604 .. C5–C6
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP316-VB1608	AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)
	Cooling nozzle	FS1477	FS1477	FS1476

Accessories

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

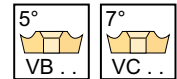
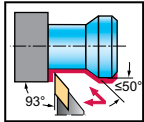
Turning tools – Screw clamping

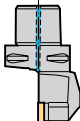
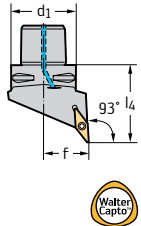
C...-SVJB mm

Walter Turn



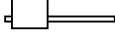
– Walter Capto™



Tool											
		Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
		C3-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	0°	0°	VB .. 1604 ..		
C4-SVJBR-27050-16	16	C4	27	50	155	140	0°	0°			
C5-SVJBL-35060-16	16	C5	35	60	155	165	0°	0°			
C5-SVJBR-35060-16	16	C5	35	60	155	165	0°	0°			
C6-SVJBL-45065-16	16	C6	45	65	155	190	0°	0°			
C6-SVJBR-45065-16	16	C6	45	65	155	190	0°	0°			

Walter Capto™ in acc. with ISO 26623

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

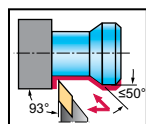
Assembly parts		Type d_1	VB .. 1103 .. C3–C4	VB .. 1604 .. C4	VB .. 1604 .. C5–C6
	Clamping screw for indexable insert Tightening torque		FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim			AP316-VB1608	AP316-VB1608
	Screw for shim			FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Torx key		FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)
	Cooling nozzle		FS1477	FS1477	FS1476

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

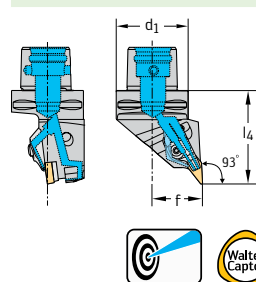
Turning tools – Rigid clamping

C...-DVJB...-P mm
Walter Turn


- Precision cooling
- Walter Capto™



Tool



Designation

Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
C4-DVJBR-27062-16-P	16	C4	27	62	2.200	250	-2°	-7°	VB .. 1604 ..
C5-DVJBR-35065-16-P	16	C5	35	65	2.400	300	-2°	-7°	
C6-DVJBR-45065-16-P	16	C6	45	65	2.500	350	-2°	-7°	
C8-DVJBR-55080-16-P	16	C8	55	65	2.800	400	-2°	-7°	
C4-DVJBL-27062-16-P	16	C4	27	62	2.200	250	-2°	-7°	VB .. 1604 ..
C5-DVJBL-35065-16-P	16	C5	35	65	2.400	300	-2°	-7°	
C6-DVJBL-45065-16-P	16	C6	45	65	2.500	350	-2°	-7°	
C8-DVJBL-55080-16-P	16	C8	55	65	2.800	400	-2°	-7°	

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type d ₁	VB .. 1604 .. C4–C8
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Right clamp	PK261R
	Left clamp	PK261L
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS2188
	Torx key	FS1465 (T15IP)

Accessories

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

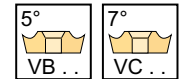
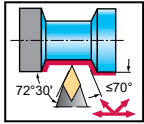
Turning tools – Screw clamping

C...-SVVB

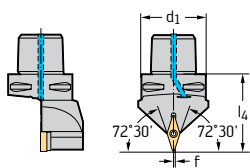
Walter Turn



– Walter Capto™



Tool

	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type
 	C3-SVVB-00040-11	11	C3	0	40		116	0°	0°	VB .. 1103 ..
	C4-SVVB-00050-11	11	C4	0	50		140	0°	0°	
	C4-SVVB-00050-16	16	C4	1	50		140	0°	0°	VB .. 1604 ..
	C5-SVVB-00060-16	16	C5	1	60		165	0°	0°	
	C6-SVVB-00065-16	16	C6	1	65		190	0°	0°	

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type d ₁	VB .. 1103 .. C3–C4	VB .. 1604 .. C4	VB .. 1604 .. C5–C6
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2060 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP316-VB1608	AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)
	Cooling nozzle	FS1477	FS1477	FS1476

Accessories

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

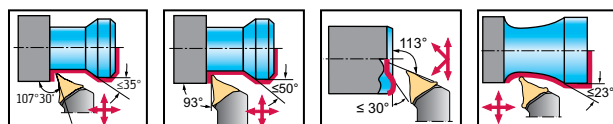
Turning tools – Copy turning system

W1011-C...-P

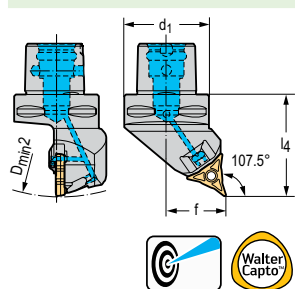
mm

Walter Turn


- Precision cooling
- Walter Capto™



Tool



Designation

l₄
mmD_{min2}
mmf
mm

γ

λ_s

Type

W1011-C4R-WL25-P	25	50	200	27	0°	0°	WL25..
W1011-C5R-WL25-P	25	60	200	35	0°	0°	
W1011-C6R-WL25-P	25	65	200	45	0°	0°	
W1011-C4L-WL25-P	25	50	200	27	0°	0°	WL25..
W1011-C5L-WL25-P	25	60	200	35	0°	0°	
W1011-C6L-WL25-P	25	65	200	45	0°	0°	

Walter Capto™ in acc. with ISO 26623

Dimensional drawing shows right-hand version. | Measured with master insert: WL25-VC0708N-MM4 | The maximum recommended coolant pressure is 150 bar (2175 psi)
 | Refer to the Walter online 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	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 = ☺

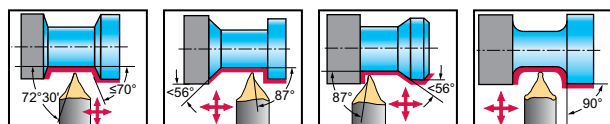
Turning tools – Copy turning system

W1010-C...-P

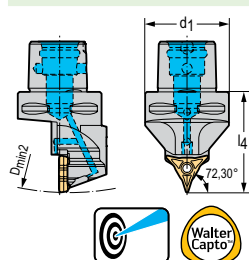
mm

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

WALTER SELECT

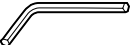
Stability of machine, workpiece and clamping arrangement

→ 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	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 = ☺

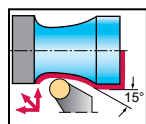
Turning tools - Rigid clamping

C...-CRSN...-P

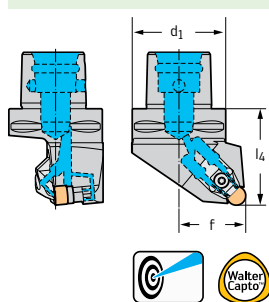
mm

Walter Turn


- Precision cooling
- For ceramic indexable inserts



Tool



Designation

d₁f
mml₄
mmD_{min}
mmD_{min2}
mm

γ

λ_s

Type

C6-CRSNR-45065-12-P

12

C6

45

65

600

700

-6°

-6°

RNGN1207 ..

C6-CRSNL-45065-12-P

12

C6

45

65

600

700

-6°

-6°

RNGN1207 ..

Walter Capto™ in acc. with ISO 26623

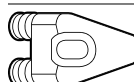
Dimensional drawing shows right-hand version. | Measured with master insert: RN .. 120700 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type
d₁RNGN1207 ..
C6

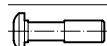
Shim for RN .. 1207 ..

AP418-RN1207

Screw for shim
Tightening torqueFS2241 (T20)
5 Nm

Clamp

PK268

Screw for clamp
Tightening torqueFS1474 (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

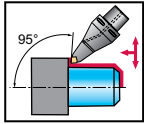
45° turning tools – Rigid clamping

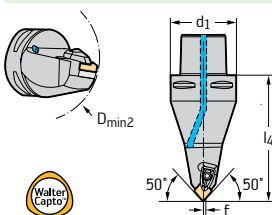
C...-DCMN

Walter Turn



- Walter Capto™
- Toolholders for turning and milling centres

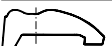
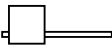
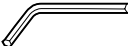


Tool											
	Designation		d ₁	f mm	l ₄ mm	D _{min} mm	D _{min2} mm	γ	λ _s	Type	
	C5-DCMNN-00105-12	12	C5	0	105		110	-6°	-6°	CN .. 1204 ..	
	C6-DCMNN-00090-12	12	C6	0	90		110	-6°	-6°		
	C6-DCMNN-00115-12	12	C6	0	115		110	-6°	-6°		
	C6-DCMNN-00090-16	16	C6	1	90		110	-6°	-6°	CN .. 1606 ..	
	C8-DCMNN-00150-16	16	C8	1	150		115	-6°	-6°		

Walter Capto™ in acc. with ISO 26623

Walter Capto™ in acc. with ISO 26623

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

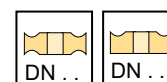
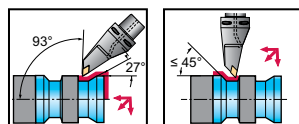
Assembly parts		Type d ₁	CN .. 1204 .. C5	CN .. 1204 .. C6	CN .. 1606 .. C6-C8
	Shim		AP301-CN12	AP301-CN12	AP302-CN16
	Screw for shim Tightening torque		FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp		PK241	PK241	PK242
	Screw for clamp Tightening torque		FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring		FS1470	FS1470	FS1471
	Pin		RS117	RS117	RS117
	Cooling nozzle		FS1476	FS1479	FS1479
	Torx key		FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key				FS1464 (T20IP)

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

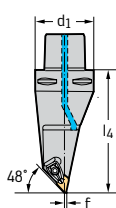
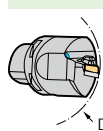
45° turning tools – Rigid clamping

C...-DDMN mm
Walter Turn


- Walter Capto™
- Toolholders for turning and milling centres



Tool



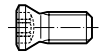
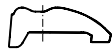
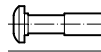
Designation

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

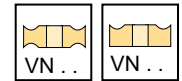
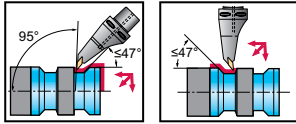
45° turning tools – Rigid clamping

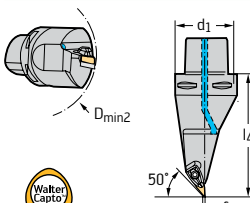
C...-DVMN

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

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

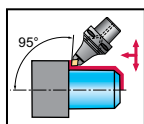
45° turning tools – Screw clamping

C...-SCMC

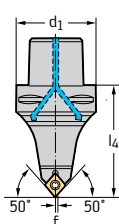
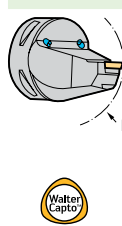
Walter Turn



- Walter Capto™
- Toolholders for turning and milling centres



Tool



Designation

C6-SCMCN-00090-12



d₁

C6

f

1

l₄

90

D_{min}

mm

D_{min2}

mm

100

γ

0°

λ_s

0°

Type

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
d₁

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)

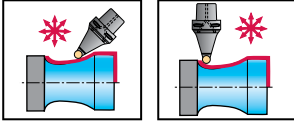
45° turning tools – Screw clamping

C...-SRDC

Walter Turn

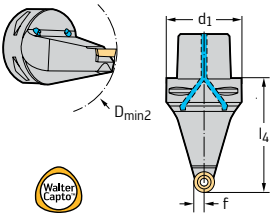


- Walter Capto™
- Toolholders for turning and milling centres



Tool

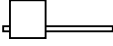
Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
C6-SRDCN-00100-10	10	C6	5	100		110	0°	0°	RC . T10T3M0 ..
C6-SRDCN-00100-16	16	C6	8	100		110	0°	0°	RC . T1606M0 ..



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

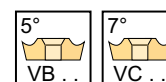
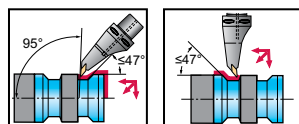
Assembly parts

Type d_1	RC . T10T3M0 .. C6	RC . T1606M0 .. C6
 Clamping screw for indexable insert Tightening torque	FS2063 (T15IP) 3 Nm	FS2090 (T20IP) 6,4 Nm
 Shim	AP324-RC10T3	AP326-RC1606
 Screw for shim	FS2068 (SW 3,5)	FS2091 (SW 5)
 Torx key	FS1465 (T15IP)	
 Allen key		FS1464 (T20IP)

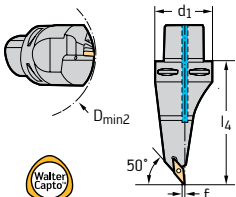
45° turning tools – Screw clamping

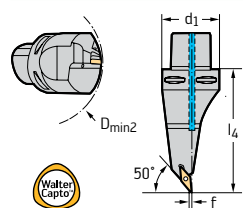
C...-SVMB mm
Walter Turn


- Walter Capto™
- Toolholders for turning and milling centres



Tool

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

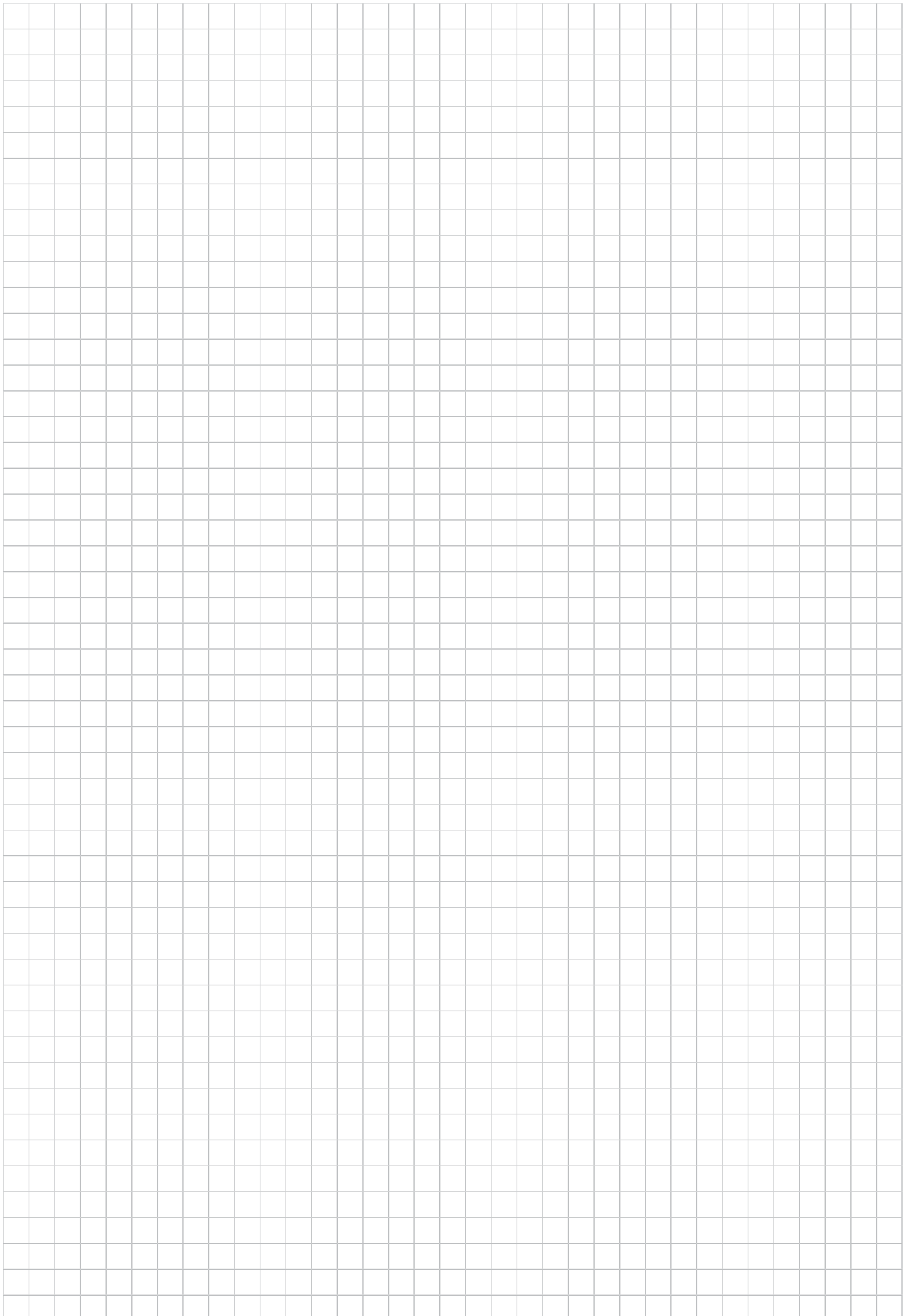
Measured with master insert: VB .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

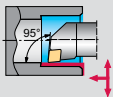
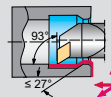
Type d ₁	VB .. 1604 .. C5–C6
 Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm
 Shim	AP316-VB1608
 Screw for shim	FS2068 (SW 3,5)
 Torx key	FS1465 (T15IP)

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 Ø d ₁ [mm]	25–50	16–40	25–50	25–40
Boring bar Ø d ₁ [inch]	0,750–2,000		0,750–2,000	
Insert size l [mm]	9–16	9–16	11–15	11–15
Page in catalogue	A 281	A 283	A 284	A 287

QR code



A-DCLN



A-PCLN

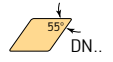
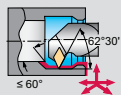
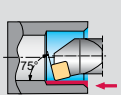
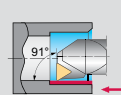


A-DDUN



A-PDUN

www.walter-tools.com/woc/

Type			
Machining			



Designation	A...-DDXN	A...-DSKN	A...-PSKN	A...-DTFN
Approach angle	62,5°	75°	75°	91°
Clamping system	Claw	Claw	Lever-type	Claw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	32–40	25–40	25–32	25–50
Boring bar Ø d ₁ [inch]				0,750–2,000
Insert size l [mm]	11–15	12–15	12	16–22
Page in catalogue	A 286	A 288	A 289	A 290

QR code



A-DDXN



A-DSKN



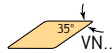
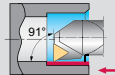
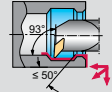
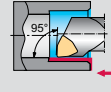
A-PSKN



A-DTFN

www.walter-tools.com/woc/

Boring bars – Negative basic shape

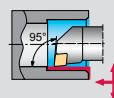
Type				
Machining				
				
Designation	A...-PTFN	A...-DVUN	A...-DWLN	A...-PWLN
Approach angle	91°	93°	95°	95°
Clamping system	Lever-type	Claw	Claw	Lever-type
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	16–32	40	25–50	20–32
Boring bar Ø d ₁ [inch]		1,250–1,500	1,000–2,000	
Insert size l [mm]	11–16	16	6–10	6–8
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 Ø d ₁ [mm]	8–32	8–20		8–25
Boring bar Ø d ₁ [inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–12	6–9	6–9	6–9
Page in catalogue	A 298	A 298	A 298	A 300

QR code


www.walter-tools.com/woc/

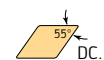
A-SCLC

A-SCLC-R

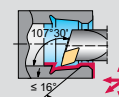
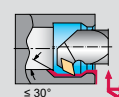
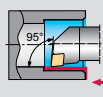
E-SCLC

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 Ø d ₁ [mm]			16–32	12–25
Boring bar Ø 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/

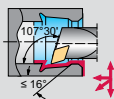
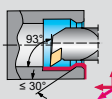
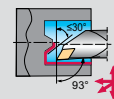
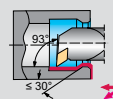
A-SCLP-E-SCLP

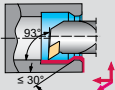
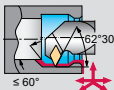
E-SCLP

A-SDUC-X

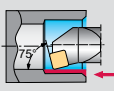
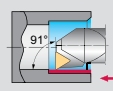
A-SDQC

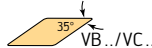
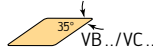
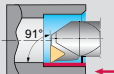
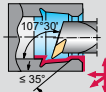
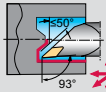
Boring bars – Positive basic shape

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/				

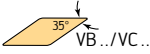
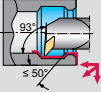
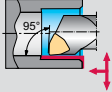
Type				
Machining				
				
Designation	E...-SDUC	E...-SDUC...-R		A...-SDXC...
Approach angle	93°	93°	93°	62,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]		10–25	10–32	12–25
Boring bar Ø d ₁ [inch]	0,375–1,000			
Insert size l [mm]	7–11	7–11	7–11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

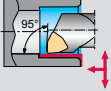
Boring bars – Positive basic shape

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-SVJB	

Boring bars – Positive basic shape

Type				
Machining				
				
				
Designation	A...-SVUB		A...-SVUB...-R	
Approach angle	93°		93°	
Clamping system	Screw		Screw	
Coolant supply	axial		axial	
Boring bar Ø d ₁ [mm]	16–40		16–20	
Boring bar Ø d ₁ [inch]	0,625–1,500			
Insert size l [mm]	11–16		11	
Page in catalogue	A 325		A 325	
QR code				
	www.walter-tools.com/woc/		www.walter-tools.com/woc/	
	A-SVUB		E-SWLC	

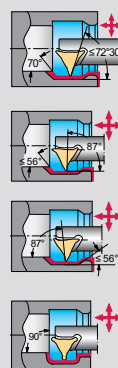
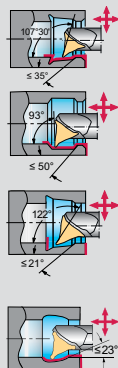
Type	
Machining	
	
Designation	A...-SWLC
Approach angle	95°
Clamping system	Screw
Coolant supply	axial
Boring bar Ø d ₁ [mm]	10–32
Boring bar Ø d ₁ [inch]	0,375–1,000
Insert size l [mm]	4–8
Page in catalogue	A 328
QR code	
	www.walter-tools.com/woc/
	A-SWLC

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



W1211



W1210

www.walter-tools.com/woc/

Boring bar adaptor

Type	
Machining	



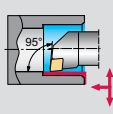
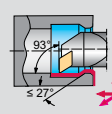
Designation	A2140-W
Approach angle	
Clamping system	null _x_
Coolant supply	axial
Shank size h [mm]	14,2–38,5
Shank size h [Inch]	
Insert size l [mm]	
Page in catalogue	A 342

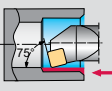
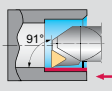
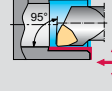
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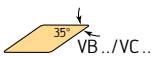
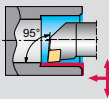
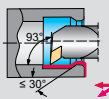
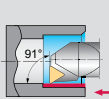
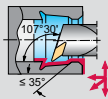
www.walter-tools.com/woc/	A2140-W
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Walter Capto™ boring bars – Negative basic shape

Type				
Machining				
				
Designation	C...-DCLN	C...-PCLN	C...-DDUN	C...-PDUN
Approach angle	95°	95°	93°	93°
Clamping system	Claw	Lever-type	Claw	Lever-type
Coolant supply	Internal	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	C-PCLN	C-DDUN	C-PDUN

Type				
Machining				
				
Designation	C...-PSKN	C...-PTFN	C...-DWLN	C...-PWLN
Approach angle	75°	91°	95°	95°
Clamping system	Lever-type	Lever-type	Claw	Lever-type
Coolant supply	axial	axial	Internal	Internal
Walter Capto™ size	C5–C6	C4–C6	C4–C6	C3–C6
Boring bar 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-PSKNwww.walter-tools.com/woc/C-PTFNwww.walter-tools.com/woc/C-DWLNwww.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	



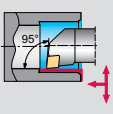
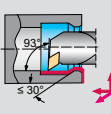
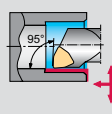
Designation	A2201
Approach angle	
Clamping system	null _x_
Coolant supply	axial
Shank size h [mm]	QL100–QL80
Shank size h [Inch]	QL64–QL76
Insert size l [mm]	
Page in catalogue	A 369

QR code

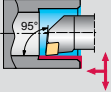
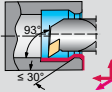
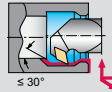


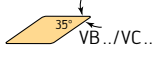
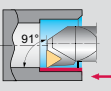
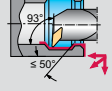
www.walter-tools.com/woc/	A2201
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QuadFit exchangeable head – Negative basic shape

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	www.walter-tools.com/woc/Q-DDUN	www.walter-tools.com/woc/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	Q-SDUC	Q-SDXC	Q-SDUC-X

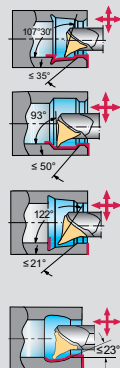
Type		
Machining		
		
Designation	Q...-STFC	Q...-SVUB
Approach angle	91°	93°
Clamping system	Screw	Screw
Coolant supply	axial	axial
QuadFit size	Q25–Q50	Q25–Q50
Insert size l [mm]	11–16	11–16
Page in catalogue	A 378	A 379
QR code		
	www.walter-tools.com/woc/	
	Q-STFC	Q-SVUB

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

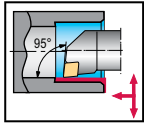
Boring bar – Rigid clamping

A...-DCLN mm

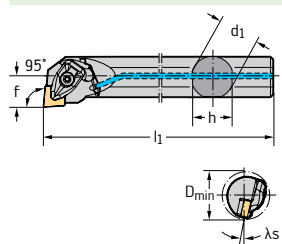
Walter Turn



– A = Steel version with internal cooling



Tool



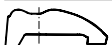
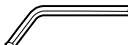
Parallel shank with clamping surface

Designation

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A25T-DCLNR12	12	32	25	17	23	300	-6°	-12°	CN .. 1204 ..
A32T-DCLNR12	12	40	32	22	30	300	-6°	-10°	
A40T-DCLNR12	12	50	40	27	37	300	-6°	-15°	
A40T-DCLNR16	16	50	40	27	37	300	-6°	-16°	CN .. 1606 ..
A50U-DCLNR16	16	63	50	35	47	350	-6°	-13°	
A25T-DCLNL12	12	32	25	17	23	300	-6°	-12°	CN .. 1204 ..
A32T-DCLNL12	12	40	32	22	30	300	-6°	-10°	
A40T-DCLNL12	12	50	40	27	37	300	-6°	-15°	
A40T-DCLNL16	16	50	40	27	37	300	-6°	-16°	CN .. 1606 ..
A50U-DCLNL16	16	63	50	35	47	350	-6°	-13°	

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

Assembly parts

	Type D_{min} [mm]	CN .. 1204 .. 32–40	CN .. 1204 .. 50	CN .. 1606 .. 50–63
	Shim	AP354-CN12	AP301-CN12	AP302-CN16
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK241	PK242
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1470	FS1471
	Pin	RS117	RS117	RS117
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key			FS1464 (T20IP)

Accessories

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

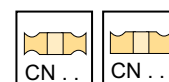
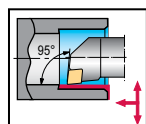
Boring bar – Rigid clamping

A...-DCLN inch

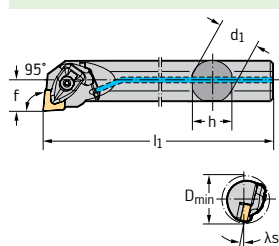
Walter Turn



– A = Steel version with internal cooling



Tool

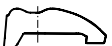
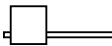
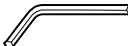


Parallel shank with clamping surface

Designation		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°	-11°
A24T-DCLNR4		12	1,760	1,500	0,890	1,374	12,000	-6°	-16°
A24T-DCLNR5		16	1,760	1,500	0,890	1,374	12,000	-6°	-18°
A32U-DCLNR5		16	2,402	2,000	1,281	1,874	14,000	-6°	-14°
A12S-DCLNL3		9	1,000	0,750	0,64	0,709	10,000	0°	CN .. 0903 ..
A16T-DCLNL4		12	1,280	1,000	0,640	0,906	12,000	-6°	-12°
A20T-DCLNL4		12	1,469	1,250	0,765	1,181	12,000	-6°	-11°
A24T-DCLNL4		12	1,760	1,500	0,890	1,374	12,000	-6°	-16°
A24T-DCLNL5		16	1,760	1,500	0,890	1,374	12,000	-6°	-18°
A32U-DCLNL5		16	2,402	2,000	1,281	1,874	14,000	-6°	-14°

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

Assembly parts

Type D _{min} [inch]	CN .. 0903 .. 1	CN .. 1204 .. 1,28–1,76	CN .. 1606 .. 1,76–2,402
 Shim	AP414-CN09	AP354-CN12	AP302-CN16
 Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs	FS1463 (T20IP) 3,688 lbs
 Clamp	PK240	PK241	PK242
 Screw for clamp Tightening torque	FS1472 (T9IP) 1,254 lbs	FS1473 (T15IP) 2,876 lbs	FS1474 (T20IP) 4,72 lbs
 Pressure spring	FS1469	FS1470	FS1471
 Pin	RS116	RS117	RS117
 Torx key	FS1466 (T9IP)	FS1465 (T15IP)	
 Allen key			FS1464 (T20IP)

Accessories

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

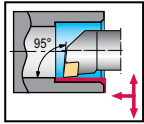
Boring bar – Lever clamping

A...-PCLN

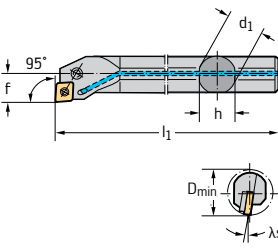
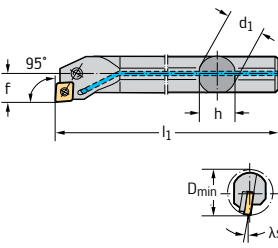
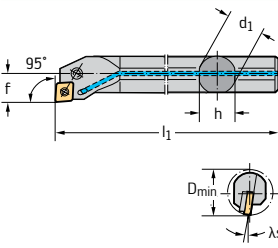
Walter Turn



– A = Steel version with internal cooling



Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A16R-PCLNL09		9	20	16	11	15	-6°	-13°	CN .. 0903 ..
A16R-PCLNR09		9	20	16	11	15	-6°	-13°	
A20S-PCLNL09		9	25	20	13	18	-6°	-11°	
A20S-PCLNR09		9	25	20	13	18	-6°	-11°	
A25T-PCLNL09		9	32	25	17	23	-6°	-10°	
A25T-PCLNR09		9	32	25	17	23	-6°	-10°	
A25T-PCLNL12		12	32	25	17	23	-6°	-10°	CN .. 1204 ..
A25T-PCLNR12		12	32	25	17	23	-6°	-10°	
A32T-PCLNL12		12	40	32	22	30	-6°	-11°	
A32T-PCLNR12		12	40	32	22	30	-6°	-11°	
A40T-PCLNL12		12	50	40	27	37	-6°	-10°	CN .. 1606 ..
A40T-PCLNR12		12	50	40	27	37	-6°	-10°	
A32T-PCLNL16		16	55	32	22	30	-6°	-10°	
A32T-PCLNR16		16	55	32	22	30	-6°	-10°	
A40T-PCLNL16		16	58	40	27	37	-6°	-10°	
A40T-PCLNR16		16	58	40	27	37	-6°	-10°	

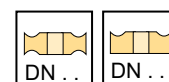
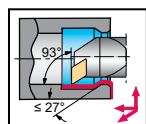
Measured with master insert: CN .. 090308 / CN .. 120408 / CN .. 160612 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

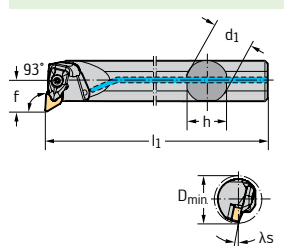
Type D_{min} [mm]	CN .. 0903 .. 20–32	CN .. 1204 .. 32	CN .. 1204 .. 40	CN .. 1204 .. 50	CN .. 1606 .. 55–58
 Shim			AP134-CN1216	AP134-CN1216	AP135-CN1624
 Lever	KN126	KN128	KN121	KN102	KN104
 Clamping screw Tightening torque	FS2182 (SW 2) 2 Nm	FS332 (SW 2,5) 2,5 Nm	FS2129 (SW 3) 5 Nm	FS352 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm
 Shim pin			RS102	RS102	RS103
 Tapered assembly pin			MD101	MD101	MD102
 Allen key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Accessories

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



Tool



Parallel shank with clamping surface

Designation



D_{min}
mm

d_1
mm

f
mm

h
mm

l_1
mm

γ

λ_s

Type

A25T-DDUNL11	11	32	25	17	23	300	-6°	-12°	DN .. 1104 ..
A25T-DDUNR11	11	32	25	17	23	300	-6°	-12°	
A32T-DDUNL11	11	40	32	22	30	300	-6°	-10°	
A32T-DDUNR11	11	40	32	22	30	300	-6°	-10°	
A32T-DDUNL15	15	40	32	22	30	300	-6°	-14°	DN .. 1506 ..
A32T-DDUNR15	15	40	32	22	30	300	-6°	-14°	
A40T-DDUNL15	15	50	40	27	37	300	-6°	-11°	
A40T-DDUNR15	15	50	40	27	37	300	-6°	-11°	
A50U-DDUNL15	15	63	50	35	47	350	-6°	-8°	
A50U-DDUNR15	15	63	50	35	47	350	-6°	-8°	

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

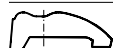
AP304-DN15



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

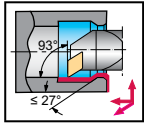
Boring bar – Rigid clamping

A...-DDUN inch

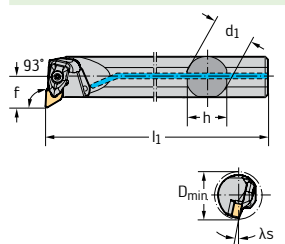
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation



Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
A12S-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°	
A16T-DDUNL3		11	1,299	1,000	0,750	0,906	12,000	-6° -12°	
A16T-DDUNR3		11	1,299	1,000	0,750	0,906	12,000	-6° -12°	
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°	
A20T-DDUNL4		15	1,705	1,250	1,000	1,181	12,000	-6° -13°	
A20T-DDUNR4		15	1,705	1,250	1,000	1,181	12,000	-6° -13°	
A24T-DDUNL4		15	2,000	1,500	1,125	1,374	12,000	-6° -11°	
A24T-DDUNR4		15	2,000	1,500	1,125	1,374	12,000	-6° -11°	
A32U-DDUNL4		15	2,677	2,000	1,500	1,874	14,000	-6°	
A32U-DDUNR4		15	2,677	2,000	1,500	1,874	14,000	-6° -8°	

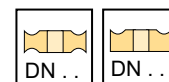
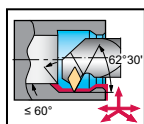
Measured with master insert: DN .. 110408 / DN .. 150608 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

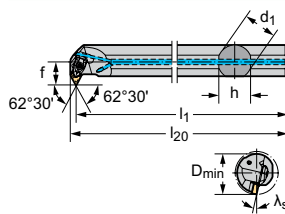
	Type D_{min} [inch]	DN .. 1104 .. 1,25–1,299	DN .. 1506 .. 1,5–2,677
	Shim	AP305-DN11	AP304-DN15
	Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs
	Clamp	PK240	PK241
	Screw for clamp Tightening torque	FS1472 (T9IP) 1,254 lbs	FS1473 (T15IP) 2,876 lbs
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

Accessories

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



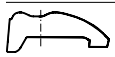
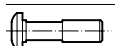
Tool

	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	32	22	30	306,1	-6°	-10°	DN .. 1104 ..
	A32T-DDXNR11		11	40	32	22	30	306,1	-6°	-10°	
	A40T-DDXNL15		15	50	40	27	37	300	-6°	-11°	DN .. 1506 ..
	A40T-DDXNR15		15	50	40	27	37	300	-6°	-11°	

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

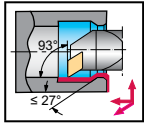
Boring bar – Lever clamping

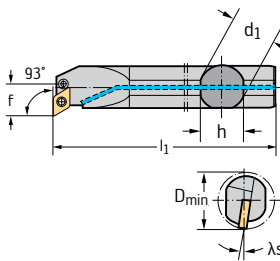
A...-PDUN

Walter Turn



– A = Steel version with internal cooling



Tool			D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type	
	Designation										
	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°		
	Parallel shank with clamping surface	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°		

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 .. 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

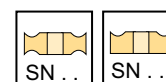
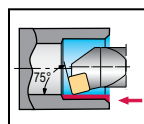
Boring bar – Rigid clamping

A...-DSKN

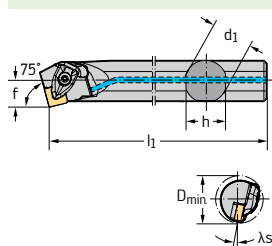
Walter Turn



– A = Steel version with internal cooling



Tool

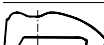


Parallel shank with clamping surface

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°	

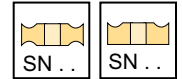
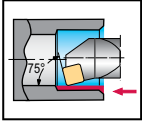
Measured with master insert: SN .. 120408 / SN .. 150612 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

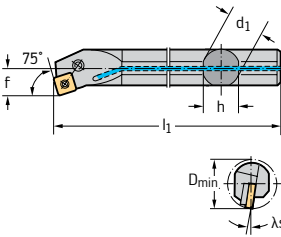
	Type D _{min} [mm]	SN .. 1204 .. 32–40	SN .. 1204 .. 50	SN .. 1506 .. 50
	Shim	AP355-SN12	AP308-SN12	AP309-SN15
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK241	PK242
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1473 (T15IP) 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	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

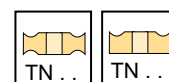
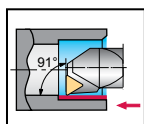
Measured with master insert: SN .. 120408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

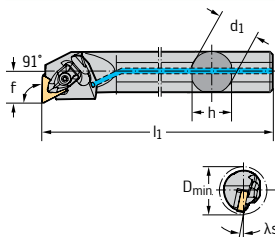
	Type D _{min} [mm]	SN .. 1204 .. 32	SN .. 1204 .. 40
	Shim		AP141-SN1216
	Lever	KN128	KN121
	Clamping screw Tightening torque	FS332 (SW 2,5) 2,5 Nm	FS2129 (SW 3) 5 Nm
	Shim pin		RS102
	Tapered assembly pin		MD101
	Allen key	ISO2936-2,5 (SW 2,5)	ISO2936-3 (SW 3)

Accessories

	Type	SN .. 1204 ..
	Shim	AP141-SN1208

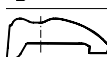
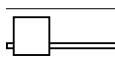


Tool

	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
 Parallel shank with clamping surface	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°	
	A40T-DTFNR16	16	50	40	27	37	300	-6°	-8°	TN .. 2204 ..
	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

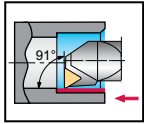
Boring bar – Rigid clamping

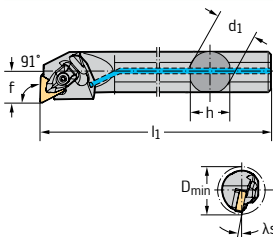
A...-DTFN inch

Walter Turn

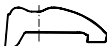
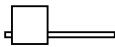


– A = Steel version with internal cooling

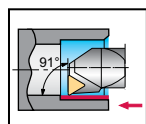


Tool	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
 Parallel shank with clamping surface	A12S-DTFNL3	16	1,024	0,750	0,500	0,709	10,000	-6°	-14°	TN .. 1604 ..
	A12S-DTFNR3	16	1,024	0,750	0,500	0,709	10,000	-6°	-14°	
	A16T-DTFNL3	16	1,201	1,000	0,640	0,906	12,000	-6°	-12°	
	A16T-DTFNR3	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°	
	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°		

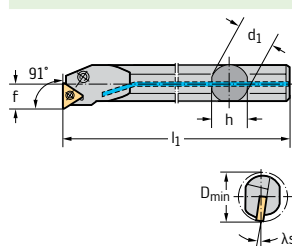
Measured with master insert: TN .. 160408 / TN .. 220408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		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		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°	
A20S-PTFNR11	25	20	13	18	250	-6°	-12°	
A25T-PTFNL16	32	25	17	23	300	-6°	-13°	TN .. 1604 ..
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°	

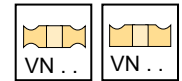
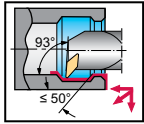
Measured with master insert: TN .. 110304 / TN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

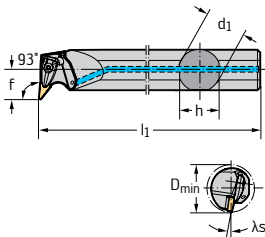
Type D _{min} [mm]	TN .. 1103 .. 20–25	TN .. 1604 .. 32–50
 Shim		AP137-TN1616
 Lever	KN127	KN101
 Clamping screw Tightening torque	FS2182 (SW 2) 2 Nm	FS351 (SW 2,5) 2 Nm
 Shim pin		RS101
 Tapered assembly pin		MD101
 Allen key	ISO2936-2 (SW 2)	ISO2936-2,5 (SW 2,5)

Accessories

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



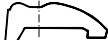
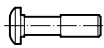
Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
	A40T-DVUNL16	16	50	40	27	37	300	-6°	-9°	VN .. 1604 ..
	A40T-DVUNR16	16	50	40	27	37	300	-6°	-9°	

Parallel shank with clamping surface

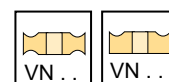
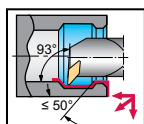
Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type D_{min} [mm]	VN .. 1604 .. 50
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 3 Nm
	Clamp	PK244
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (T15IP)

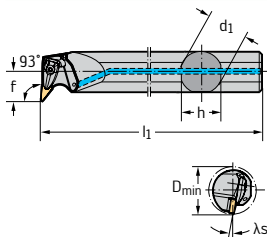
Accessories

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



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	12,000	-6°	-9°	VN .. 1604 ..
A20T-DVUNR3	16	1,705	1,250	1,000	1,181	12,000	-6°	-9°	
A24T-DVUNL3	16	2,000	1,500	1,125	1,374	12,000	-6°	-8°	
A24T-DVUNR3	16	2,000	1,500	1,125	1,374	12,000	-6°	-8°	



Parallel shank with clamping surface

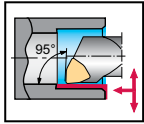
Measured with master insert: VN .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

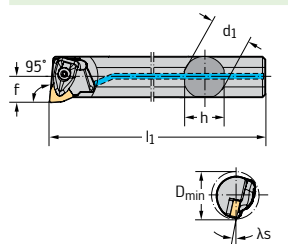
Type	D_{min} [inch]	VN .. 1604 .. 1,705–2
	Shim	AP312-VN16
	Screw for shim Tightening torque	FS1467 (T15IP) 2,213 lbs
	Clamp	PK244
	Screw for clamp Tightening torque	FS1473 (T15IP) 2,876 lbs
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (T15IP)

Accessories

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



Tool



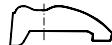
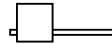
Parallel shank with clamping surface

Designation

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A25T-DWLN06		6	32	25	17	23	-6°	-14°	WN .. 0604 ..
A25T-DWLN06		6	32	25	17	23	-6°	-14°	
A32T-DWLN06		6	40	32	22	30	-6°	-11°	
A32T-DWLN06		6	40	32	22	30	-6°	-11°	
A25T-DWLN08		8	32	25	17	23	-6°	-12°	WN .. 0804 ..
A25T-DWLN08		8	32	25	17	23	-6°	-12°	
A32T-DWLN08		8	40	32	22	30	-6°	-10°	
A32T-DWLN08		8	40	32	22	30	-6°	-10°	
A40T-DWLN08		8	50	40	27	37	-6°	-13°	WN .. 1006 ..
A40T-DWLN08		8	50	40	27	37	-6°	-13°	
A50U-DWLN08		8	63	50	35	47	-6°	-11°	
A50U-DWLN08		8	63	50	35	47	-6°	-11°	
A40T-DWLN10		10	50	40	27	37	-6°	-16°	
A40T-DWLN10		10	50	40	27	37	-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	

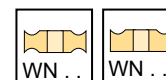
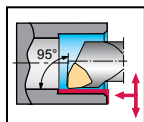
Boring bar – Rigid clamping

A...-DWLN inch

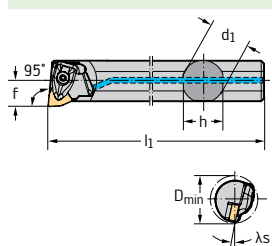
Walter Turn



– A = Steel version with internal cooling



Tool

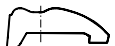
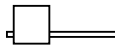


Parallel shank with clamping surface

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

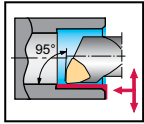
Measured with master insert: WN .. 060408 / WN .. 080408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

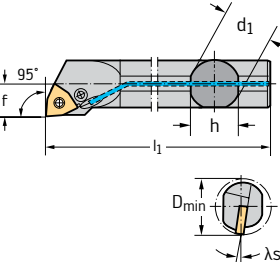
Type D _{min} [inch]	WN .. 0604 .. 1,299–1,705	WN .. 0804 .. 1,299–1,705	WN .. 0804 .. 2–2,5
 Shim	AP306-WN06	AP307-WN08	AP331-WN08
 Screw for shim Tightening torque	FS1462 (T9IP) 1,106 lbs	FS1461 (T15IP) 1,844 lbs	FS1461 (T15IP) 1,844 lbs
 Clamp	PK240	PK241	PK241
 Screw for clamp Tightening torque	FS1472 (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

Tool			D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
	Designation									
	A20S-PWLN06	6	25	20	13	18	250	-6°	-15°	WN .. 0604 ..
	A20S-PWLN06	6	25	20	13	18	250	-6°	-15°	
	A25T-PWLN06	6	32	25	17	23	300	-6°	-12°	
	A25T-PWLN06	6	32	25	17	23	300	-6°	-12°	
	A32T-PWLN06	6	40	32	22	30	300	-6°	-12°	
	A32T-PWLN06	6	40	32	22	30	300	-6°	-12°	WN .. 0804 ..
	A25T-PWLN08	8	32	25	17	23	300	-6°	-10°	
	A25T-PWLN08	8	32	25	17	23	300	-6°	-10°	
	A32T-PWLN08	8	40	32	22	30	300	-6°	-10°	
A32T-PWLN08	8	40	32	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 D_{min} [mm]	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)

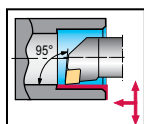
Accessories

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

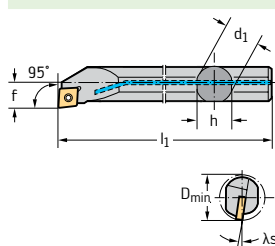
Boring bar – Screw clamping

A...-SCLC
Walter Turn


– A = Steel version with internal cooling



Tool

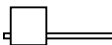


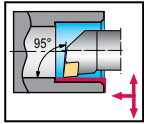
Parallel shank with clamping surface

Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
A08H-SCLCL06	6	10	8	5	7	100	0°	-13,8°	CC .. 0602 ..
A08H-SCLCR06	6	10	8	5	7	100	0°	-13,8°	
A10K-SCLCL06	6	12	10	6	9	125	0°	-10,9°	
A10K-SCLCR06	6	12	10	6	9	125	0°	-10,9°	
A12M-SCLCL06	6	16	12	9	11	150	0°	-7,3°	CC .. 09T3 ..
A12M-SCLCR06	6	16	12	9	11	150	0°	-7,3°	
A16R-SCLCL09	9	20	16	11	15	200	0°	-8,4°	
A16R-SCLCR09	9	20	16	11	15	200	0°	-8,4°	
A20S-SCLCL09	9	25	20	13	18	250	0°	-5,8°	CC .. 1204 ..
A20S-SCLCR09	9	25	20	13	18	250	0°	-5,8°	
A25T-SCLCL09	9	32	25	17	23	300	0°	-3,4°	
A25T-SCLCR09	9	32	25	17	23	300	0°	-3,4°	
A25T-SCLCL12	12	32	25	17	23	300	0°	-4,6°	CC .. 1204 ..
A25T-SCLCR12	12	32	25	17	23	300	0°	-4,6°	
A32T-SCLCL12	12	40	32	22	30	300	0°	-9,8°	
A32T-SCLCR12	12	40	32	22	30	300	0°	-9,8°	

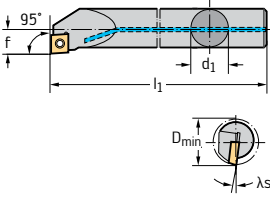
 Measured with master insert: CC .. 060204 / CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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
 Cylindrical shank	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

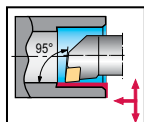
Assembly parts

	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)

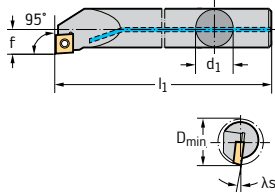
Boring bar – Screw clamping

E...-SCLC...-R mm
Walter Turn


– E = Solid carbide version with internal cooling

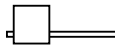


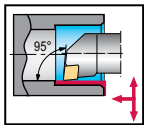
Tool

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

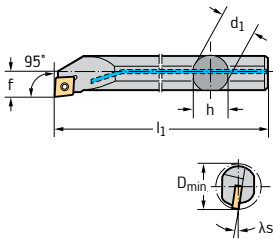
 Dimensional drawing shows right-hand version. | Measured with master insert: CC .. 060204 / CC .. 09T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type D_{min} [mm]	CC .. 0602 .. 10–16	CC .. 09T3 .. 20–25	CC .. 09T3 .. 32
	Clamping screw for indexable insert Tightening torque	FS2066 (T7IP) 0,9 Nm	FS2062 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

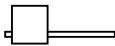


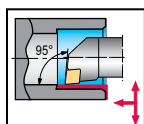
Tool

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

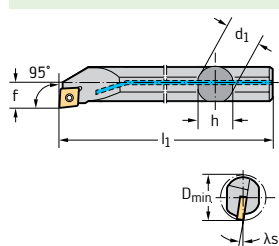
Measured with master insert: CC .. 060204 / CC .. 060208 / CC .. 09T308 / CC .. 120408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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

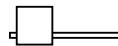


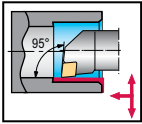
Parallel shank with clamping surface

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°	
E10R-SCLCR2	0,772	0,625	0,406	8,000	0°	-5,34°	CC .. 09T3 ..
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°	
E16T-SCLCR3	1,201	1,000	0,640	12,000	0°	-3,834°	

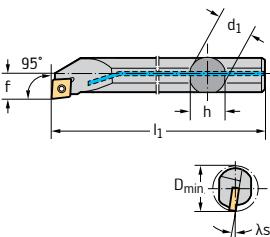
Measured with master insert: CC .. 060204 / CC .. 09T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

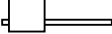


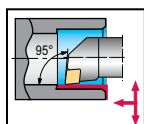
Tool

	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
 Parallel shank with clamping surface	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°	

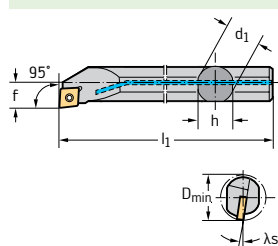
Measured with master insert: CP .. 060204 / CP .. 09T304 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



Parallel shank with clamping surface

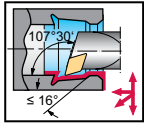
Designation

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°	

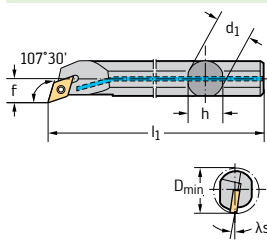
Measured with master insert: CP .. 060204 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



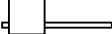
Parallel shank with clamping surface

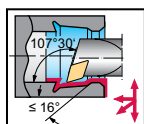
Designation

A12M-SDQCL07	7	16	12	9	11	150	0°	-7,1°	DC .. 0702 ..
A12M-SDQCR07	7	16	12	9	11	150	0°	-7,1°	
A16R-SDQCL07	7	20	16	11	15	200	0°	-4,9°	
A16R-SDQCR07	7	20	16	11	15	200	0°	-4,9°	
A20S-SDQCL11	11	25	20	13	18	250	0°	-5,9°	DC .. 11T3 ..
A20S-SDQCR11	11	25	20	13	18	250	0°	-5,9°	
A25T-SDQCL11	11	32	25	17	23	300	0°	-3,5°	
A25T-SDQCR11	11	32	25	17	23	300	0°	-3,5°	

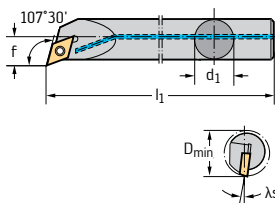
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type 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	FS2062 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)



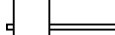
Tool

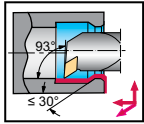
	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
	A12M-SDQCL07-R	7	16	12	9	150	0°	-7,1°	DC .. 0702 ..
	A12M-SDQCR07-R	7	16	12	9	150	0°	-7,1°	
	A16R-SDQCL07-R	7	20	16	11	200	0°	-4,9°	
	A16R-SDQCR07-R	7	20	16	11	200	0°	-4,9°	
	A20S-SDQCL11-R	11	25	20	13	250	0°	-5,9°	DC .. 11T3 ..
	A20S-SDQCR11-R	11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

Cylindrical shank

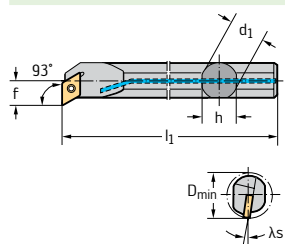
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



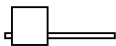
Parallel shank with clamping surface

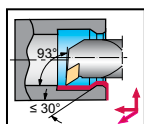
Designation

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°	
A16R-SDUCR07	7	20	16	11	200	0°	-4,3°	
A20S-SDUCL11	11	25	20	13	250	0°	-5,8°	DC .. 11T3 ..
A20S-SDUCR11	11	25	20	13	250	0°	-5,8°	
A25T-SDUCL11	11	32	25	17	300	0°	-3,4°	
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°	

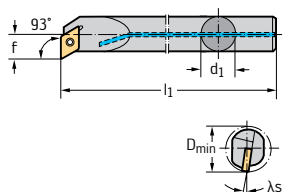
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

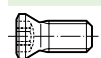


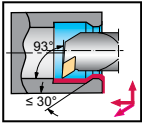
Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
 Cylindrical shank	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°	

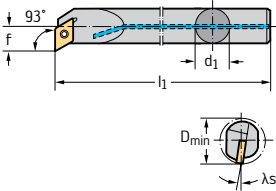
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

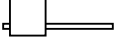


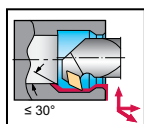
Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
 Cylindrical shank	E10M-SDUCL07-R	7	15	10	9	150	0°	-7,2°	DC .. 0702 ..
	E10M-SDUCR07-R	7	15	10	9	150	0°	-7,2°	
	E12Q-SDUCL07-R	7	18	12	11	180	0°	-5,3°	
	E12Q-SDUCR07-R	7	18	12	11	180	0°	-5,3°	
	E16R-SDUCL07-R	7	22	16	13	200	0°	-3,6°	
	E16R-SDUCR07-R	7	22	16	13	200	0°	-3,6°	
	E20S-SDUCL11-R	11	25	20	13	220	0°	-6°	DC .. 11T3 ..
	E20S-SDUCR11-R	11	25	20	13	220	0°	-6°	
	E25T-SDUCL11-R	11	32	25	17	270	0°	-3°	
	E25T-SDUCR11-R	11	32	25	17	270	0°	-3°	

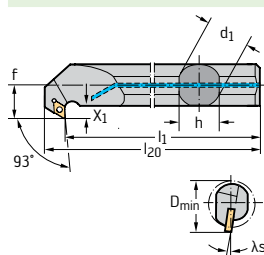
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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

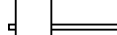


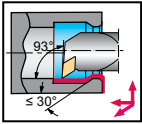
Parallel shank with clamping surface

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°	
A25T-SDUCR07-X	33	25	18	300	312,2	0°	-0,9°	
A32T-SDUCL11-X	40	32	22	300	316,7	0°	-7,6°	DC .. 11T3 ..
A32T-SDUCR11-X	40	32	22	300	316,7	0°	-7,6°	

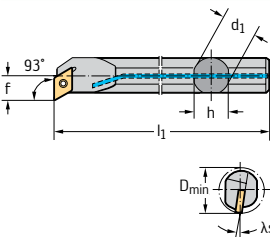
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

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



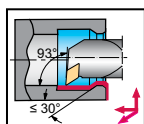
Tool

	Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
 Parallel shank with clamping surface	A06M-SDUCL2	7	0,598	0,375	0,375	0,336	6,000	0°	-7,06°	DC .. 0702 ..
	A06M-SDUCR2	7	0,598	0,375	0,375	0,336	6,000	0°	-7,06°	
	A08M-SDUCL2	7	0,728	0,500	0,438	0,460	6,000	0°	-5,018°	
	A08M-SDUCR2	7	0,728	0,500	0,438	0,460	6,000	0°	-5,018°	
	A10R-SDUCL2	7	0,85	0,625	0,500	0,562	8,000	0°	-3,698°	
	A10R-SDUCR2	7	0,85	0,625	0,500	0,562	8,000	0°	-3,698°	
	A12S-SDUCL3	11	1,051	0,750	0,625	0,709	10,000	0°	-5,076°	DC .. 11T3 ..
	A12S-SDUCR3	11	1,051	0,750	0,625	0,709	10,000	0°	-5,076°	
	A16T-SDUCL3	11	1,299	1,000	0,750	0,906	12,000	0°	-3,161°	
	A16T-SDUCR3	11	1,299	1,000	0,750	0,906	12,000	0°	-3,161°	

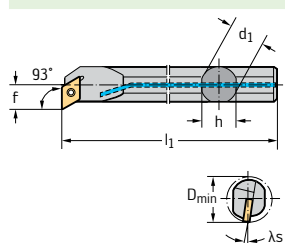
Measured with master insert: DC .. 070204 / DC .. 11T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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



Parallel shank with clamping surface

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	6,000	0°	-7°	DC .. 0702 ..
E06M-SDUCR2	7	0,598	0,375	0,375	0,336	6,000	0°	-7°	
E08R-SDUCL2	7	0,717	0,500	0,438	0,460	8,000	0°	-5°	
E08R-SDUCR2	7	0,717	0,500	0,438	0,460	8,000	0°	-5°	
E10R-SDUCL2	7	0,85	0,625	0,500	0,354	8,000	0°	-4°	
E10R-SDUCR2	7	0,85	0,625	0,500	0,354	8,000	0°	-4°	
E12S-SDUCL3	11	1,039	0,750	0,625	0,709	10,000	0°	-3°	DC .. 11T3 ..
E12S-SDUCR3	11	1,039	0,750	0,625	0,709	10,000	0°	-3°	
E16T-SDUCL3	11	1,299	1,000	0,750	0,906	12,000	0°	-3°	
E16T-SDUCR3	11	1,299	1,000	0,750	0,906	12,000	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} [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

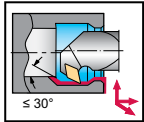


Torx key

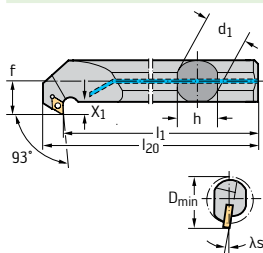
FS1490 (T7IP)

FS1465 (T15IP)

FS1465 (T15IP)



Tool



Parallel shank with clamping surface

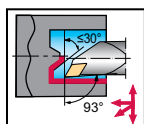
Designation

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°	

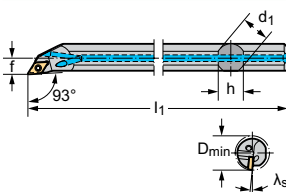
Measured with master insert: DC .. 070204 / DC .. 11T308 | $X_1 = f - d_1/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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	16	9	15	200	0°	-6°	DC .. 0702 ..
	A16R-SDJCR07	7	20	16	9	15	200	0°	-6°	
	A20S-SDJCL11	11	25	20	12	18	250	0°	-6°	DC .. 11T3 ..
	A20S-SDJCR11	11	25	20	12	18	250	0°	-6°	
	A25T-SDJCL11	11	32	25	14	23	300	0°	-4°	
	A25T-SDJCR11	11	32	25	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)

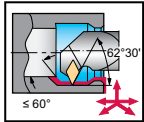
Boring bar – Screw clamping

A...-SDXC... mm

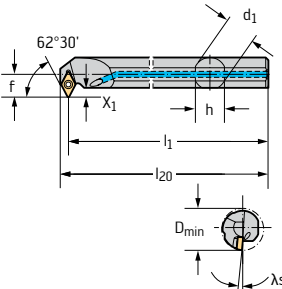
Walter Turn



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



Tool

Tool			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°	
	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°	
	A25T-SDXCR11	11	32	25	17	23	300	306	-2°	-3,4°	

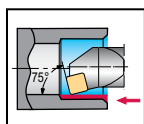
Parallel shank with clamping surface

Parallel shank with clamping surface

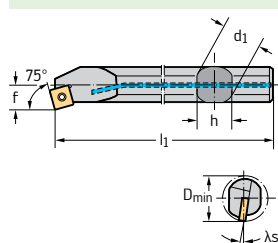
Measured with master insert: DC .. 070204 / DC .. 11T308 | $X_1 = f - d_1/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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	FS2062 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm
 Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)



Tool

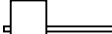


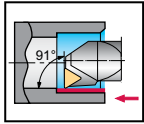
Parallel shank with clamping surface

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A16R-SSKCL09	9	20	16	11	15	200	0°	-8,9°	SC .. 09T3 ..
A16R-SSKCR09	9	20	16	11	15	200	0°	-8,9°	
A20S-SSKCL09	9	25	20	13	18	250	0°	-6°	
A20S-SSKCR09	9	25	20	13	18	250	0°	-6°	
A25T-SSKCL12	12	32	25	17	23	300	0°	-4,7°	SC .. 1204 ..
A25T-SSKCR12	12	32	25	17	23	300	0°	-4,7°	

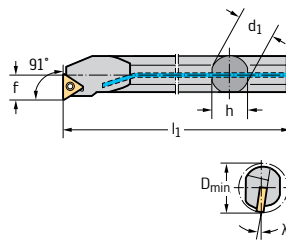
Measured with master insert: SC .. 09T308 / SC .. 120408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

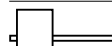


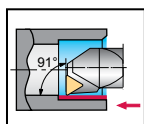
Tool

	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
 Parallel shank with clamping surface	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°	TC .. 0902 ..
	A10K-STFCL09	9	13	10	7	9	125	0°	-9,2°	
	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°	TC .. 16T3 ..
	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°	
	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°	

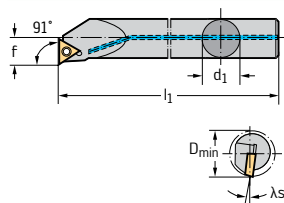
Measured with master insert: TC .. 06T102 / TC .. 090204 / TC .. 110204 / TC .. 16T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

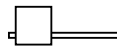


Tool

	Designation		D _{min} mm	d ₁ mm	f mm	l ₁ mm	γ	λ _s	Type
 Cylindrical shank	A06F-STFCL06-R	6	9	6	5	80	0°	-12,2°	TC .. 06T1 ..
	A06F-STFCR06-R	6	9	6	5	80	0°	-12,2°	
	A08H-STFCL06-R	6	11	8	6	100	0°	-10,2°	
	A08H-STFCR06-R	6	11	8	6	100	0°	-10,2°	
	A10K-STFCL09-R	9	13	10	7	125	0°	-9,2°	TC .. 0902 ..
	A10K-STFCR09-R	9	13	10	7	125	0°	-9,2°	
	A12M-STFCL11-R	11	16	12	9	150	0°	-6,5°	TC .. 1102 ..
	A12M-STFCR11-R	11	16	12	9	150	0°	-6,5°	
	A16R-STFCL11-R	11	20	16	11	200	0°	-4,5°	
	A16R-STFCR11-R	11	20	16	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)

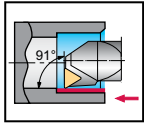
Boring bar – Screw clamping

E...-STFC...-R mm

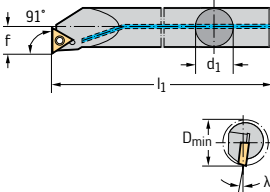
Walter Turn



– E = Solid carbide version with internal cooling

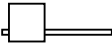


Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
 Cylindrical shank	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°	
	E10M-STFCL09-R	9	13	10	7	150	0°	-9,2°	TC .. 0902 ..
	E10M-STFCR09-R	9	13	10	7	150	0°	-9,2°	
	E12Q-STFCL09-R	9	16	12	9	180	0°	-6,7°	
	E12Q-STFCR09-R	9	16	12	9	180	0°	-6,7°	
	E16R-STFCL11-R	11	20	16	11	200	0°	-4°	TC .. 1102 ..
	E16R-STFCR11-R	11	20	16	11	200	0°	-4°	
	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 .. 9	TC .. 06T1 .. 11	TC .. 0902 .. 13–16	TC .. 1102 .. 20–25	TC .. 16T3 .. 32
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2148 (T6IP) 0,6 Nm	FS2149 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm
	Torx key	FS2146 (T6IP)	FS2146 (T6IP)	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)

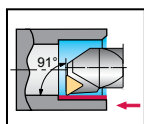
Boring bar – Screw clamping

A...-STFC inch

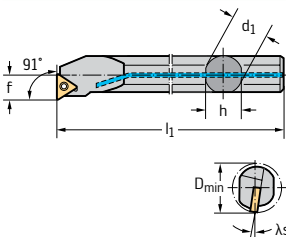
Walter Turn



– A = Steel version with internal cooling

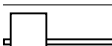


Tool

	Designation		D _{min} inch	d ₁ inch	f inch	h inch	l ₁ inch	γ	λ _s	Type
 Parallel shank with clamping surface	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

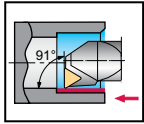
	Type D _{min} [inch]	TC .. 1102 .. 0,5–0,598	TC .. 1102 .. 0,772–0,929	TC .. 16T3 .. 1,201	TC .. 16T3 .. 1,469
	Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs	FS2063 (T15IP) 2,213 lbs	FS2060 (T15IP) 2,213 lbs
	Shim				AP317-TC1612
	Clamping screw for shim				FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

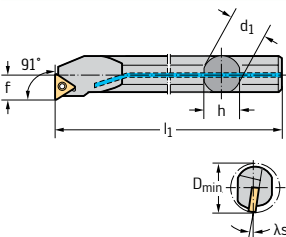
Boring bar – Screw clamping

E...-STFC inch

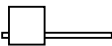
Walter Turn

– E = Solid carbide version with internal cooling



Tool			D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
 Parallel shank with clamping surface	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)

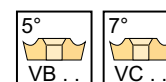
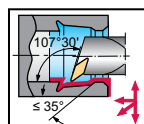
Boring bar – Screw clamping

A...-SVQB

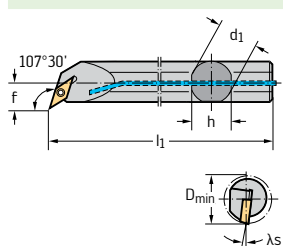
Walter Turn



– A = Steel version with internal cooling



Tool



Parallel shank with clamping surface

Designation

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A16R-SVQBL11		11	22	16	13	15	0°	-6,9°	VB .. 1103 ..
A16R-SVQBR11		11	22	16	13	15	0°	-6,9°	
A20S-SVQBL11		11	27	20	15	18	0°	-5°	
A20S-SVQBR11		11	27	20	15	18	0°	-5°	
A25T-SVQBL11		11	33	25	18	23	0°	-3,5°	
A25T-SVQBR11		11	33	25	18	23	0°	-3,5°	VB .. 1604 ..
A32T-SVQBL16		16	40	32	22	30	0°	-10,9°	
A32T-SVQBR16		16	40	32	22	30	0°	-10,9°	
A40T-SVQBL16		16	50	40	27	37	0°	-7,9°	
A40T-SVQBR16		16	50	40	27	37	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]

Clamping screw for indexable insert
Tightening torque

VB .. 1103 ..
22–33

FS2172 (T7IP)
0,9 Nm

VB .. 1604 ..
40–50

FS2060 (T15IP)
3 Nm



Shim

AP316-VB1608



Screw for shim

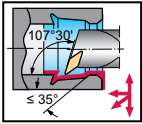
FS2068 (SW 3,5)



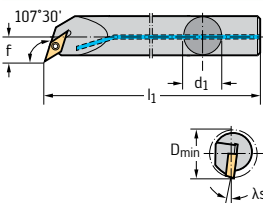
Torx key

FS1490 (T7IP)

FS1465 (T15IP)



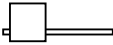
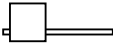
Tool

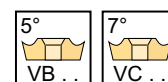
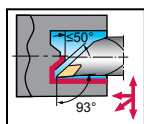
	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
	A16R-SVQBL11-R	11	22	16	13	200	0°	-6,9°	VB .. 1103 ..
	A16R-SVQBR11-R	11	22	16	13	200	0°	-6,9°	
	A20S-SVQBL11-R	11	27	20	15	250	0°	-5°	
	A20S-SVQBR11-R	11	27	20	15	250	0°	-5°	

Cylindrical shank

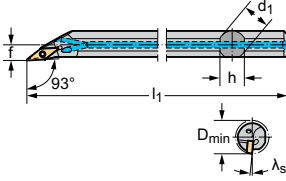
Measured with master insert: VB .. 110304 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)



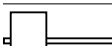
Tool

	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)

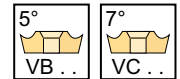
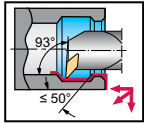
Boring bar – Screw clamping

A...-SVUB

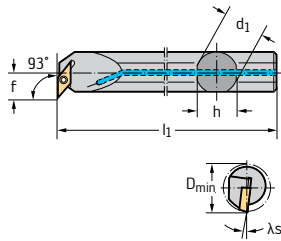
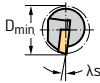
Walter Turn



– A = Steel version with internal cooling



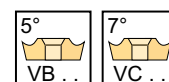
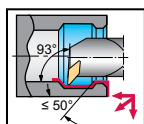
Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	γ	λ_s	Type
A16R-SVUBL11		11	22	16	13	15	0°	-6,5°	VB .. 1103 ..
A16R-SVUBR11		11	22	16	13	15	0°	-6,5°	
A20S-SVUBL11		11	27	20	15	18	0°	-4,7°	
A20S-SVUBR11		11	27	20	15	18	0°	-4,7°	
A25T-SVUBL11		11	33	25	18	23	0°	-3,3°	
A25T-SVUBR11		11	33	25	18	23	0°	-3,3°	
A32T-SVUBL16		16	40	32	22	30	0°	-9,8°	VB .. 1604 ..
A32T-SVUBR16		16	40	32	22	30	0°	-9,8°	
A40T-SVUBL16		16	50	40	27	37	0°	-6,9°	
A40T-SVUBR16		16	50	40	27	37	0°	-6,9°	

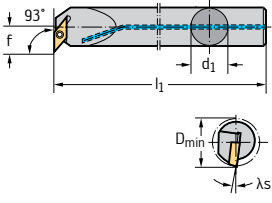
Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)



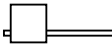
Tool

	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

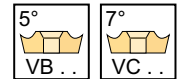
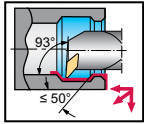
Assembly parts

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

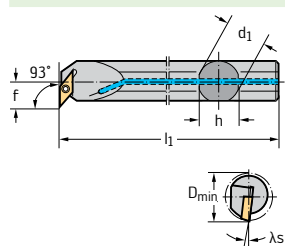
Boring bar – Screw clamping

A...-SVUB inch

Walter Turn



Tool



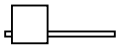
Parallel shank with clamping surface

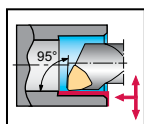
Designation

A10R-SVUBL2	11	0,85	0,625	0,486	0,562	8,000	0°	-6,839°	VB .. 1103 ..
A10R-SVUBR2	11	0,85	0,625	0,486	0,562	8,000	0°	-6,839°	
A12S-SVUBL2	11	1,012	0,750	0,580	0,709	10,000	0°	-5,05°	
A12S-SVUBR2	11	1,012	0,750	0,580	0,709	10,000	0°	-5,05°	
A16T-SVUBL2	11	1,24	1,000	0,680	0,906	12,000	0°	-3,519°	
A16T-SVUBR2	11	1,24	1,000	0,680	0,906	12,000	0°	-3,519°	
A20T-SVUBL3	16	1,705	1,250	1,000	1,181	12,000	0°	-8,696°	VB .. 1604 ..
A20T-SVUBR3	16	1,705	1,250	1,000	1,181	12,000	0°	-8,696°	
A24T-SVUBL3	16	2,126	1,500	1,125	1,374	12,000	0°	-5,997°	
A24T-SVUBR3	16	2,126	1,500	1,125	1,374	12,000	0°	-5,997°	

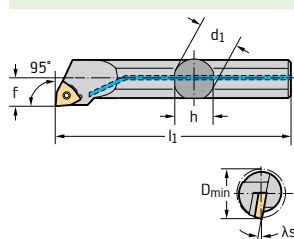
Measured with master insert: VB .. 110304 / VB .. 160408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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

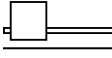


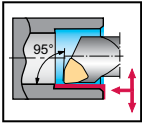
Parallel shank with clamping surface

Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	γ	λ _s	Type
A10K-SWLCL04	4	12	10	7	9	125	0°	-10°	WC .. 0402 ..
A10K-SWLCR04	4	12	10	7	9	125	0°	-10°	
A12M-SWLCL04	4	16	12	9	11	150	0°	-7°	
A12M-SWLCR04	4	16	12	9	11	150	0°	-7°	
A16R-SWLCL04	4	20	16	11	15	200	0°	-5°	
A16R-SWLCR04	4	20	16	11	15	200	0°	-5°	
A20S-SWLCL06	6	25	20	13	18	250	0°	-6°	WC .. 06T3 ..
A20S-SWLCR06	6	25	20	13	18	250	0°	-6°	
A25T-SWLCL06	6	32	25	17	23	300	0°	-3,5°	
A25T-SWLCR06	6	32	25	17	23	300	0°	-3,5°	
A25T-SWLCL08	8	32	25	17	23	300	0°	-4°	WC .. 0804 ..
A25T-SWLCR08	8	32	25	17	23	300	0°	-4°	
A32T-SWLCL08	8	40	32	22	30	300	0°	-9°	
A32T-SWLCR08	8	40	32	22	30	300	0°	-9°	

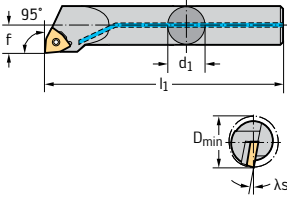
Measured with master insert: WC .. 040204 / WC .. 06T308 / WC .. 080408 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)



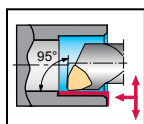
Tool

	Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	γ	λ_s	Type
 Cylindrical shank	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°	

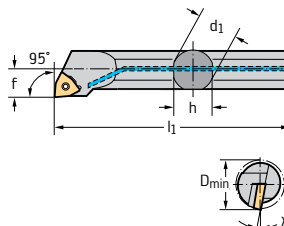
Measured with master insert: WC .. 040204 / WC .. 06T308 | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

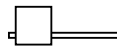


Tool

	Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
 Parallel shank with clamping surface	A06M-SWLCL2	4	0,500	0,375	0,250	0,336	6,000	0°	-11°	WC .. 0402 ..
	A06M-SWLCR2	4	0,500	0,375	0,250	0,336	6,000	0°	-11°	
	A08M-SWLCL2	4	0,625	0,500	0,312	0,460	6,000	0°	-8°	
	A08M-SWLCR2	4	0,625	0,500	0,312	0,460	6,000	0°	-8°	
	A10R-SWLCL3	6	0,750	0,625	0,375	0,562	8,000	0°	-10°	WC .. 06T3 ..
	A10R-SWLCR3	6	0,750	0,625	0,375	0,562	8,000	0°	-10°	
	A12S-SWLCL3	6	1,000	0,750	0,500	0,709	10,000	0°	-6,5°	
	A12S-SWLCR3	6	1,000	0,750	0,500	0,709	10,000	0°	-6,5°	
	A16T-SWLCL3	6	1,280	1,000	0,640	0,906	12,000	0°	-4°	
	A16T-SWLCR3	6	1,280	1,000	0,640	0,906	12,000	0°	-4°	

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

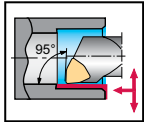
	Type D_{min} [inch]	WC .. 0402 .. 0,5–0,625	WC .. 06T3 .. 0,75–1,28
	Clamping screw for indexable insert Tightening torque	FS2067 (T7IP) 0,664 lbs	FS2062 (T15IP) 2,213 lbs
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)

Boring bar – Screw clamping

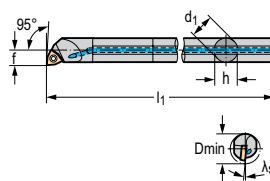
E...-SWLC inch

Walter Turn

– E = Solid carbide version with internal cooling



Tool

	Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	γ	λ_s	Type
	E06M-SWLCCL2	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-SWLCCL2	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

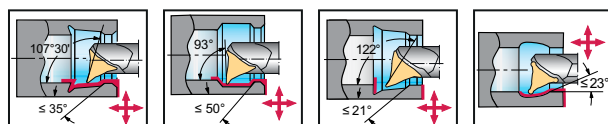
Assembly parts

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

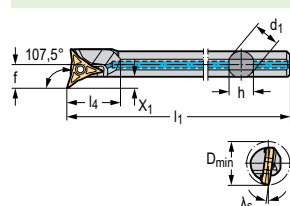
Boring bar – Copy turning system

W1211 mm
Walter Turn


– Double internal coolant supply



Tool



Designation

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°	
W1211-20SR-WL17	17	20	25	14	18,5	250	28	5,5	-2,7°	-7,6°	
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°	
W1211-20SL-WL17	17	20	25	14	18,5	250	28	5,5	-2,7°	-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
d₁ [mm]Clamping screw for indexable insert
Tightening torqueWL17..
12–20FS1457 (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 = ☺

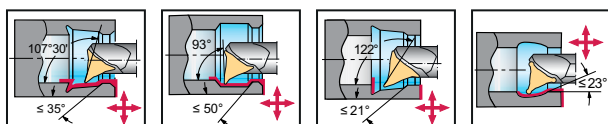
→ Good = ☹

→ Moderate = ☹

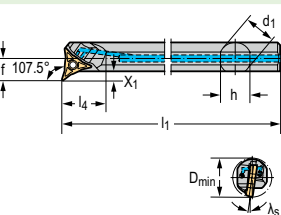
Boring bar – Copy turning system

W1211 mm
Walter Turn


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



Tool

Tool			d ₁ mm	D _{min} mm	f mm	h mm	l ₁ mm	l ₄ mm	X ₁ mm	γ	λ _s	Type
	W1211-25TR-WL25	25	25	32	17	23	300	35	7	-1,3°	-7,5°	WL25..
	W1211-32TR-WL25	25	32	40	23	30	300	45	9,5	-1,3°	-7,5°	
	W1211-40TR-WL25	25	40	50	27,5	37	300	54	10	-1,3°	-7,5°	
	W1211-25TL-WL25	25	25	32	17	23	300	35	7	-1,3°	-7,5°	WL25..
	W1211-32TL-WL25	25	32	40	23	30	300	45	9,5	-1,3°	-7,5°	
	W1211-40TL-WL25	25	40	50	27,5	37	300	54	10	-1,3°	-7,5°	
Parallel shank with clamping surface												

Parallel shank with clamping surface

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

WALTER SELECT

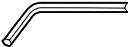
Stability of machine, workpiece and clamping arrangement

 → Very good = 

 → Good = 

 → Moderate = 

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
	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 = ☺

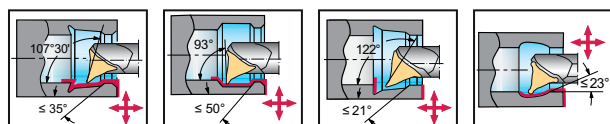
→ Good = ☺

→ Moderate = ☺

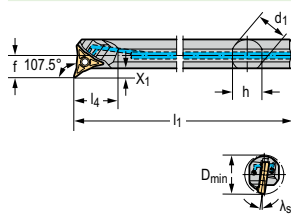
Boring bar – Copy turning system

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	0,669	0,906	12,049	1,378	0,217	-1,3°	-7,5°	WL25..
	W1211.20TR-WL25		25	1,250	0,906	1,181	12,049	1,772	0,315	-1,3°	-7,5°	
	W1211.16TL-WL25		25	1,000	0,669	0,906	12,049	1,378	0,217	-1,3°	-7,5°	WL25..
	W1211.20TL-WL25		25	1,250	0,906	1,181	12,049	1,772	0,315	-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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

 → Very good = 

 → Good = 

 → Moderate = 

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
	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 = ☺

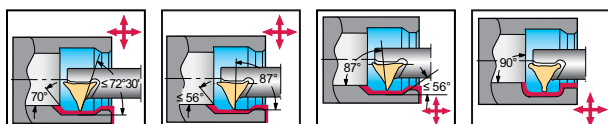
→ Good = ☺

→ Moderate = ☺

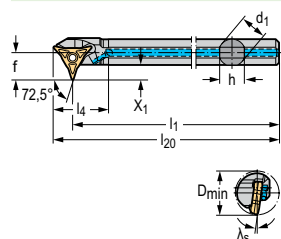
Boring bar – Copy turning system

W1210
Walter Turn


– Double internal coolant supply



Tool



Designation



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	11	157	21	157	6,5	-2,4°	-7,6°	WL17..
W1210-16RR-WL17	17	22	16	15	207	23	207	6	-2,4°	-7,6°	
W1210-20SR-WL17	17	26	20	18	257	26	257	6,5	-2,4°	-7,6°	
W1210-12ML-WL17	17	19	12	11	157	21	157	6,5	-2,4°	-7,6°	WL17..
W1210-16RL-WL17	17	22	16	15	207	23	207	6	-2,4°	-7,6°	
W1210-20SL-WL17	17	26	20	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

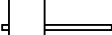
Stability of machine, workpiece and clamping arrangement

→ 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	WSM20S
	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 = ☺

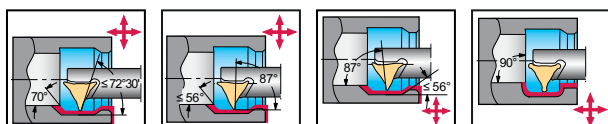
→ Good = ☺

→ Moderate = ☺

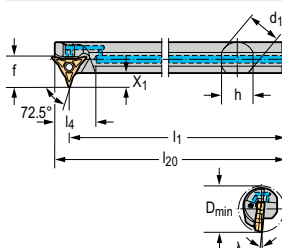
Boring bar – Copy turning system

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	300	30	310	10	-1,5°	-4,8°	WL25..
	W1210-32TR-WL25		25	44	32	27	300	31	310	13,5	-1,5°	-4,8°	
	W1210-40TR-WL25		25	52	40	31	300	35	310	13,5	-1,5°	-4,8°	
	W1210-25TL-WL25		25	34	25	20	300	30	310	10	-1,5°	-4,8°	WL25..
	W1210-32TL-WL25		25	44	32	27	300	31	310	13,5	-1,5°	-4,8°	
	W1210-40TL-WL25		25	52	40	31	300	35	310	13,5	-1,5°	-4,8°	

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

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
 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	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 = ☺

Boring bar adaptor

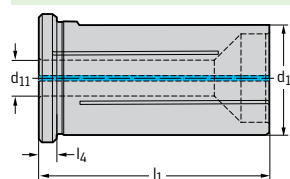
A2140-W

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)

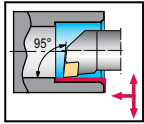
Boring bar – Rigid clamping

C...-DCLN mm

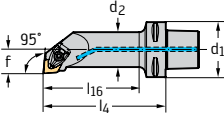
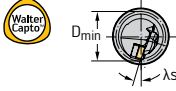
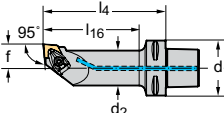
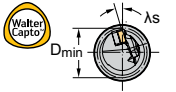
Walter Turn



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Tool

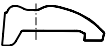
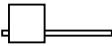
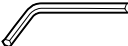
	Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type
  	C4-DCLNR-17090-12	12	C4	32	25	17	90	68	-6°	-12°	CN .. 1204 ..
	C5-DCLNR-17090-12	12	C5	32	25	17	90	66	-6°	-12°	
	C6-DCLNR-17100-12	12	C6	32	25	17	100	72	-6°	-12°	
	C6-DCLNR-27140-16	16	C6	50	40	27	140	114	-6°	-16°	CN .. 1606 ..
  	C4-DCLNL-17090-12	12	C4	32	25	17	90	68	-6°	-12°	CN .. 1204 ..
	C5-DCLNL-17090-12	12	C5	32	25	17	90	66	-6°	-12°	
	C6-DCLNL-17100-12	12	C6	32	25	17	100	72	-6°	-12°	
	C6-DCLNL-27140-16	16	C6	50	40	27	140	114	-6°	-16°	CN .. 1606 ..

Walter Capto™ in acc. with ISO 26623

Walter Capto™ in acc. with ISO 26623

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

Assembly parts

	Type D _{min} [mm]	CN .. 1204 .. 32	CN .. 1606 .. 50
	Shim	AP354-CN12	AP302-CN16
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK242
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1471
	Pin	RS117	RS117
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)

Accessories

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

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	

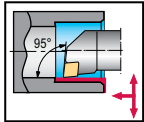
Boring bar – Lever clamping

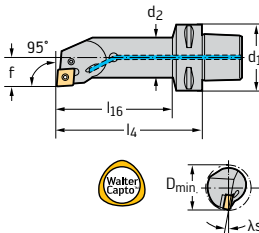
C...-PCLN

Walter Turn



– Walter Capto™



Tool												Type
Designation			d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₆ mm	γ	λ _s		
 Walter Capto™ in acc. with ISO 26623	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°		
	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°	CN .. 1606 ..	
	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°			
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°			
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

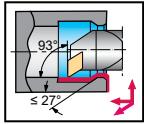
Boring bar – Rigid clamping

C...-DDUN

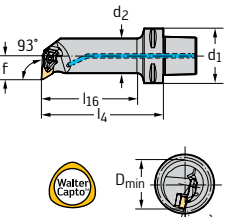
Walter Turn



– Walter Capto™



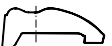
Tool

Tool											
Designation		d_1	D_{min} mm	d_2 mm	f mm	l_4 mm	l_{16} 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

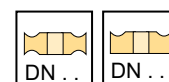
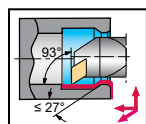
Boring bar – Lever clamping

C...-PDUN

Walter Turn



– Walter Capto™



Tool

Tool

The image shows a technical drawing of a lathe tool. The side view on the left illustrates the tool's geometry with dimensions: a cutting angle of 93°, a flank face width 'f', a cutting edge radius 'r', a cutting speed 'v', a cutting force 'F', a cutting depth 'd2', a cutting length 'l16', a cutting length 'l4', and a cutting length 'l1'. The end view on the right shows the tool's cross-section with dimensions: a cutting edge radius 'Dmin', a cutting length 'λs', and a cutting length 'l1'.

Walter Capto™ in acc. with ISO 26623

Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type	
C3-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°	
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°	
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

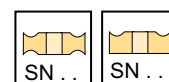
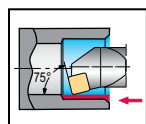
Boring bar – Lever clamping

C...-PSKN

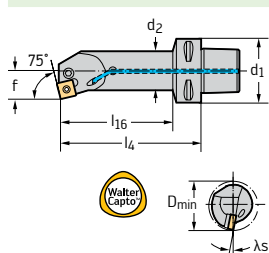
Walter Turn



– Walter Capto™



Tool



Designation

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

	Type D _{min} [mm]	SN .. 1204 .. 50	SN .. 1506 .. 63
	Shim	AP141-SN1216	AP142-SN1524
	Lever	KN102	KN104
	Clamping screw Tightening torque	FS352 (SW 3) 5 Nm	FS354 (SW 3) 5 Nm
	Shim pin	RS102	RS103
	Tapered assembly pin	MD101	MD102
	Allen key	ISO2936-3 (SW 3)	ISO2936-3 (SW 3)

Accessories

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

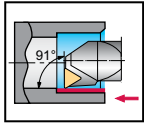
Boring bar – Lever clamping

C...-PTFN mm

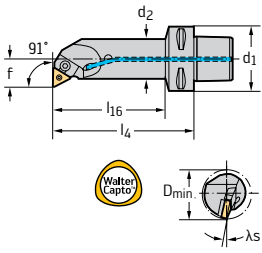
Walter Turn



– Walter Capto™

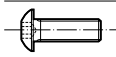


Tool

	Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₆ mm	γ	λ _s	Type
 Walter Capto™ in acc. with ISO 26623	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°	TN .. 1604 ..
	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°	TN .. 2204 ..
	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°	
	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

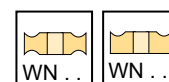
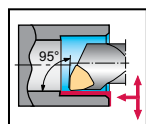
Assembly parts

	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 mm
Walter Turn


– Walter Capto™



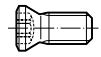
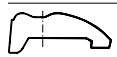
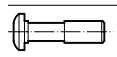
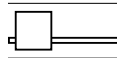
Tool

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°	
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°	
C5-DWLN-17090-08	8	C5	33	25	17	90	66	-6°	-12°	WN .. 1006 ..
C5-DWLN-17090-08	8	C5	33	25	17	90	66	-6°	-12°	
C6-DWLN-27140-10	10	C6	50	40	27	140	114	-6°	-16°	WN .. 1006 ..
C6-DWLN-27140-10	10	C6	50	40	27	140	114	-6°	-16°	

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

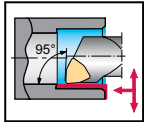
Assembly parts

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)

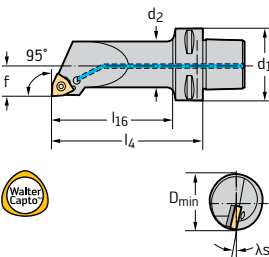
Boring bar – Lever clamping

C...-PWLN
Walter Turn


– Walter Capto™

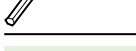


Tool

Tool			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-PWLN-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-PWLN-13075-06	6	C4	25	20	13	75	52	-6°	-15°	
		C4-PWLN-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°	WN .. 0804 ..
		C3-PWLN-17090-08	8	C3	32	25	17	90	74	-6°	-10°	
		C3-PWLN-17090-08	8	C3	32	25	17	90	74	-6°	-10°	
		C4-PWLN-17090-08	8	C4	32	25	17	90	69	-6°	-14°	
		C4-PWLN-22110-08	8	C4	40	32	22	110	89	-6°	-10°	
		C4-PWLN-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-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°	
		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-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°			
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 ..
 Shim		AP170-WN0808

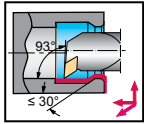
Boring bar – Screw clamping

C...-SDUC

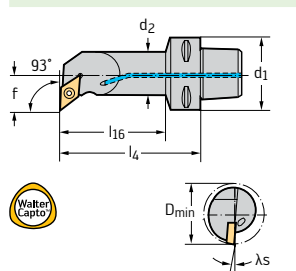
Walter Turn



– Walter Capto™



Tool



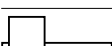
Walter Capto™ in acc. with ISO 26623

Designation

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

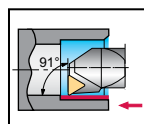
Assembly parts

	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)

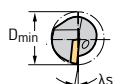
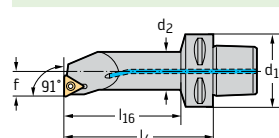
Boring bar – Screw clamping

C...-STFC mm
Walter Turn


– Walter Capto™



Tool

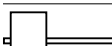


Walter Capto™ in acc. with ISO 26623

Designation		d ₁	D _{min} mm	d ₂ mm	f mm	l ₄ mm	l ₁₆ mm	γ	λ _s	Type	
C4-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 D _{min} [mm]	TC .. 1102 .. 20–25	TC .. 16T3 .. 32	TC .. 16T3 .. 40
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim			AP317-TC1612
	Screw for shim			FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

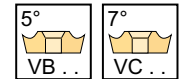
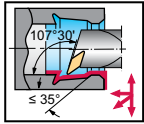
Boring bar – Screw clamping

C...-SVQB

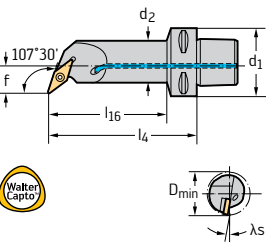
Walter Turn



– Walter Capto™



Tool

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

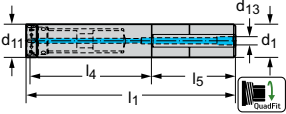
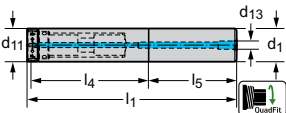
	Type D _{min} [mm]	VB .. 1103 .. 22-27	VB .. 1604 .. 33	VB .. 1604 .. 40-63
	Clamping screw for indexable insert Tightening torque	FS2172 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2060 (T15IP) 3 Nm
	Shim		AP316-VB1608	AP316-VB1608
	Screw for shim		FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

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

Cylinder shaft adaptor – vibration damped

A3000 mm
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

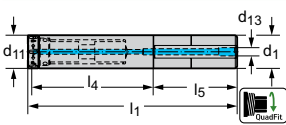
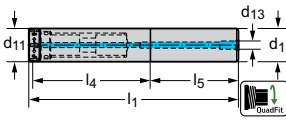
Assembly parts		d ₁₁	Q25	Q32	Q40	Q50
	Hook wrench		SD9000-Q25 25 Nm	SD9000-Q32 25 Nm	SD9000-Q40 35 Nm	SD9000-Q50 55 Nm
	Coolant adaptor for CS variant		CN3001-M8-G1/4	CN3001-M8-G1/4		

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
		A3000.32-Q50-368	2,000	Q50	14,496	8,000	22,791	G 1/4	20,283
 Parallel shank with clamping surface		A3000.16-Q25-184	1,000	Q25	7,250	4,000	11,430	G 1/4	5,357
		A3000.16-Q25-235-CS	1,000	Q25	9,250	3,000	12,430	M8X1	8,752
		A3000.20-Q32-292-CS	1,250	Q32	11,500	3,750	15,463	M8X1	13,118
		A3000.24-Q40-356	1,500	Q40	14,000	6,000	20,252	G 1/4	11,464
		A3000.32-Q50-470	2,000	Q50	18,500	8,000	26,791	G 1/4	24,692

A3000...-CS = Carbide reinforced version | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

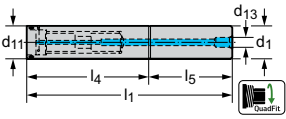
Assembly parts		d ₁₁	Q25	Q32	Q40	Q50
	Hook wrench		SD9000-Q25 18,439 lbs	SD9000-Q32 18,439 lbs	SD9000-Q40 25,815 lbs	SD9000-Q50 40,566 lbs
	Coolant adaptor for CS variant		CN3001-M8-G1/4	CN3001-M8-G1/4		

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

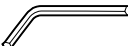
Cylinder shaft adaptor – vibration damped

A3001 mm
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

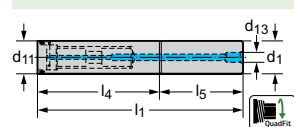
Assembly parts		d ₁₁	QL100	QL60	QL80
	Threaded plug		FS2611 (SW 6)	FS2609 (SW 4)	FS2610 (SW 5)
	Allen key		ISO2936-6 (SW 6)	ISO2936-4 (SW 4)	ISO2936-5 (SW 5)

Cylinder shaft adaptor – vibration damped

A3001 inch
Accure-tec®


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

Tool



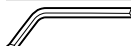
Designation

	d ₁ inch	d ₁₁	l ₄ inch	l ₅ inch	l ₁ inch	d ₁₃	lbs
A3001.40-QL64-318	2,500	QL64	12,500	10,000	22,500	G 3/4	32,408
A3001.40-QL64-572	2,500	QL64	22,500	10,000	32,500	G 3/4	46,738
A3001.48-QL76-394	3,000	QL74	15,500	12,000	27,500	G 3/4	57,32
A3001.48-QL76-699	3,000	QL74	27,500	12,000	39,500	G 3/4	83,114
A3001.64-QL100-953	4,000	QL100	37,500	20,000	57,500	G 3/4	195,55

Cylindrical shank

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

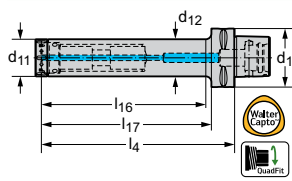
Assembly parts

	d ₁₁	QL100	QL64	QL74
	Threaded plug	FS2611 (SW 6)	FS2609 (SW 4)	FS2610 (SW 5)
	Allen key	ISO2936-6 (SW 6)	ISO2936-4 (SW 4)	ISO2936-5 (SW 5)

Walter Capto™ Adaptor – vibration damped

A3000-C mm
Accure-tec®


- For QuadFit exchangeable heads
- With preset vibration damping

Tool		Designation	d ₁	d ₁₁	d ₁₂ mm	l ₄ mm	l ₆ mm	l 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

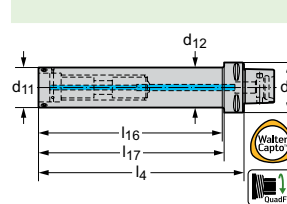
	d ₁₁	Q25	Q32	Q40	Q50
	Torque wrench with hook		SD4000-Q32-25 25 Nm	SD4000-Q40-35 35 Nm	SD4000-Q50-55 55 Nm
	Hook for torque wrench		SD6000-Q32 25 Nm	SD6000-Q40 35 Nm	SD6000-Q50 55 Nm

Walter Capto™ Adaptor – vibration damped

A3001-C mm
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)

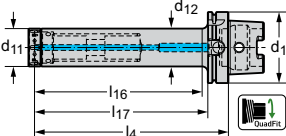
HSK-T adaptor – vibration damped

A3000-HSK-T mm

Accure-tec®



- For QuadFit exchangeable heads
- With preset vibration damping

Tool		Designation	d ₁ mm	d ₁₁	d ₁₂ mm	l ₄ mm	l ₆ mm	l ₁₇ mm	
	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

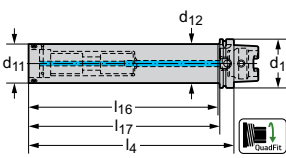
Accessories					
	d ₁₁	Q25	Q32	Q40	Q50
	Torque wrench with hook		SD4000-Q32-25 25 Nm	SD4000-Q40-35 35 Nm	SD4000-Q50-55 55 Nm
	Hook for torque wrench		SD6000-Q32 25 Nm	SD6000-Q40 35 Nm	SD6000-Q50 55 Nm

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)

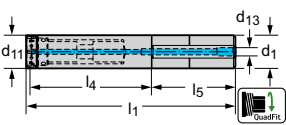
Cylindrical shank - QuadFit

A2100

mm



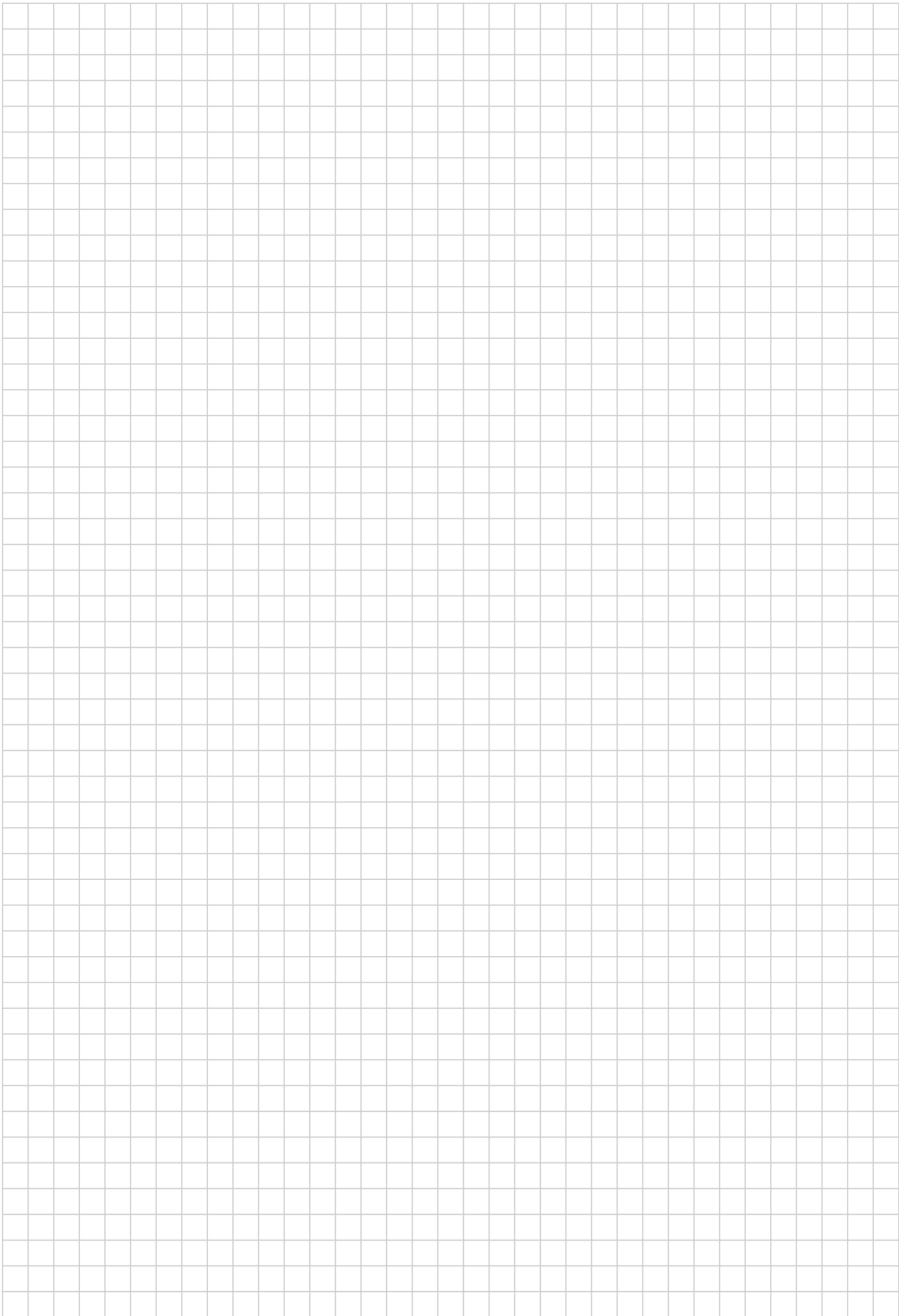
– For QuadFit exchangeable heads

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

Parallel shank with clamping surface

Bodies and assembly parts are included in the scope of delivery

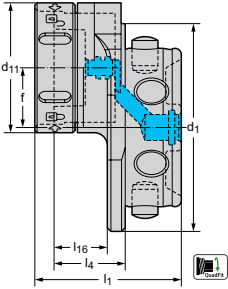
Assembly parts		d ₁₁	Q40	Q50	QL60
	Threaded plug				FS2609 (SW 4)
	Hook wrench		SD9000-Q40 35 Nm	SD9000-Q50 55 Nm	
	Allen key				ISO2936-4 (SW 4)



QuadFit Large Intermediate adaptors

A2201 mm
Accure-tec®


- QuadFit
- For A3001 Accure-tec boring bars

Tool								
	Designation	d ₁₁	d ₁	f mm	l ₁ mm	l ₄ mm	l ₁₆ mm	 kg
	A2201-QL60-05-27-Q50	Q50	QL60	5	50,4	27	21,5	0,6
	A2201-QL60-10-27-Q50	Q50	QL60	10	50,4	27	21,5	0,6
	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

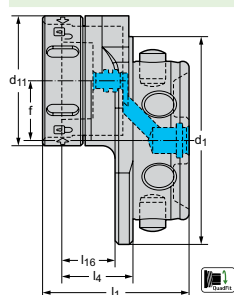
Assembly parts		
	d ₁₁	Q50
	Hook wrench	SD9000-Q50 55 Nm
Accessories		
	d ₁₁	Q50
	Torque wrench with hook	SD4000-Q50-55 55 Nm
	Hook for torque wrench	SD6000-Q50 55 Nm

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	l ₁₆ inch	 lbs
A2201.QL64-07-27-Q50	Q50	QL64	0,266	1,988	1,063	0,846	2,205
A2201.QL64-12-27-Q50	Q50	QL64	0,463	1,988	1,063	0,846	2,205
A2201.QL76-13-27-Q50	Q50	QL76	0,516	2,228	1,063	0,846	2,205
A2201.QL76-21-27-Q50	Q50	QL76	0,831	2,228	1,063	0,846	2,205

QuadFit

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

Assembly parts

	d ₁₁	Q50
	Hook wrench	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

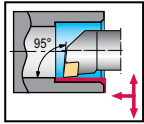
Replaceable head – rigid clamping

Q...-DCLN mm

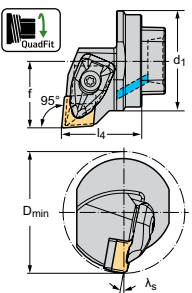
Walter Turn



- QuadFit
- For Accuretec boring bars



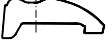
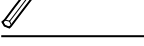
Tool

	Designation		d ₁	D _{min} mm	f mm	l _{cl} mm	γ	λ _s	Type
	Q32-DCLNR-22032-12	12	Q32	40	22	32	-6°	-10°	CN .. 1204 ..
	Q40-DCLNR-27032-12	12	Q40	50	27	32	-6°	-10°	
	Q50-DCLNR-32032-12	12	Q50	63	32	32	-6°	-8°	
	Q50-DCLNR-32037-16	16	Q50	63	32	37	-5°	-14°	CN .. 1606 ..
	Q32-DCLNL-22032-12	12	Q32	40	22	32	-6°	-10°	CN .. 1204 ..
	Q40-DCLNL-27032-12	12	Q40	50	27	32	-6°	-10°	
	Q50-DCLNL-32032-12	12	Q50	63	32	32	-6°	-8°	
	Q50-DCLNL-32037-16	16	Q50	63	32	37	-5°	-14°	CN .. 1606 ..

QuadFit

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

Assembly parts

	Type	CN .. 1204 ..	CN .. 1606 ..
	Shim	AP354-CN12	AP302-CN16
	Screw for shim Tightening torque	FS1461 (T15IP) 2,5 Nm	FS1463 (T20IP) 5 Nm
	Clamp	PK241	PK242
	Screw for clamp Tightening torque	FS1473 (T15IP) 3,9 Nm	FS1474 (T20IP) 6,4 Nm
	Pressure spring	FS1470	FS1471
	Pin	RS117	RS117
	Torx key	FS1465 (T15IP)	
	Allen key		FS1464 (T20IP)

Accessories

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

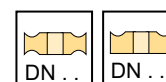
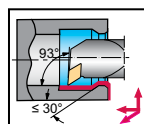
Replaceable head – rigid clamping

Q...-DDUN mm

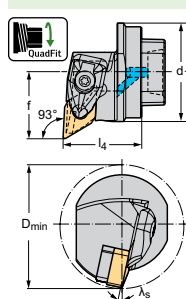
Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool

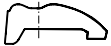
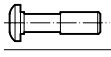
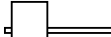


QuadFit

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°	
Q40-DDUNR-27032-15	15	Q40	50	27	32	-6°	-12°	DN .. 1506 ..
Q50-DDUNR-32032-15	15	Q50	63	32	32	-6°	-12°	
Q32-DDUNL-22032-11	11	Q32	40	22	32	-6°	-10°	
Q40-DDUNL-27032-11	11	Q40	50	27	32	-5°	-10°	DN .. 1104 ..
Q32-DDUNL-22032-15	15	Q32	40	21,9	32	-6°	-14°	
Q40-DDUNL-27032-15	15	Q40	50	27	32	-6°	-12°	
Q50-DDUNL-32032-15	15	Q50	63	32	32	-6°	-12°	

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

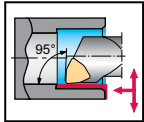
Replaceable head – rigid clamping

Q...-DWLN

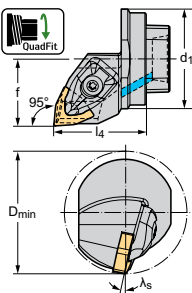
Walter Turn



- QuadFit
- For Accuretec boring bars



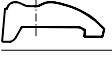
Tool

	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

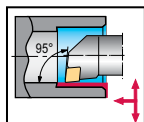
Replaceable head – screw clamping

Q...-SCLC mm

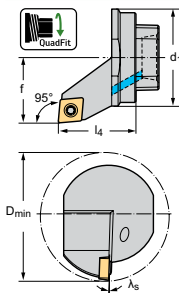
Walter Turn



- QuadFit
- For Accuretec boring bars

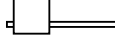


Tool

	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°	
	Q40-SCLCR-27032-09	9	Q40	50	27	32	0°	-2°	
	Q50-SCLCR-32032-09	9	Q50	63	32	32	0°	-2°	
	Q32-SCLCR-22032-12	12	Q32	40	22	32	0°	-8°	CC .. 1204 ..
	Q40-SCLCR-27032-12	12	Q40	50	27	32	0°	-8°	
	Q50-SCLCR-32032-12	12	Q50	63	32	32	0°	-9°	
	Q25-SCLCL-17020-09	9	Q25	32	17	20	0°	-3°	CC .. 09T3 ..
	Q32-SCLCL-22032-09	9	Q32	40	22	32	0°	-2°	
	Q40-SCLCL-27032-09	9	Q40	50	27	32	0°	-2°	
	Q50-SCLCL-32032-09	9	Q50	63	32	32	0°	-2°	
	Q32-SCLCL-22032-12	12	Q32	40	22	32	0°	-8°	CC .. 1204 ..
	Q40-SCLCL-27032-12	12	Q40	50	27	32	0°	-8°	
	Q50-SCLCL-32032-12	12	Q50	63	32	32	0°	-9°	

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

Assembly parts

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

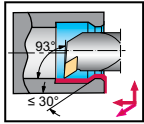
Replaceable head – screw clamping

Q...-SDUC mm

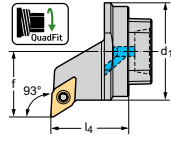
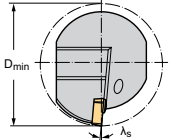
Walter Turn



- QuadFit
- For Accuretec boring bars



Tool

	Designation		d ₁	D _{min} mm	f mm	l _q mm	γ	λ _s	Type
	Q25-SDUCR-17020-11	11	Q25	32	17	20	0°	-6°	DC .. 11T3 ..
	Q32-SDUCR-22032-11	11	Q32	40	22	32	0°	-5°	
	Q40-SDUCR-27032-11	11	Q40	50	27	32	0°	-5°	
	Q50-SDUCR-32032-11	11	Q50	63	32	32	0°	-5°	
	Q25-SDUCL-17020-11	11	Q25	32	17	20	0°	-6°	DC .. 11T3 ..
	Q32-SDUCL-22032-11	11	Q32	40	22	32	0°	-5°	
	Q40-SDUCL-27032-11	11	Q40	50	27	32	0°	-5°	
	Q50-SDUCL-32032-11	11	Q50	63	32	32	0°	-5°	

QuadFit

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

Assembly parts

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

Replaceable head – screw clamping

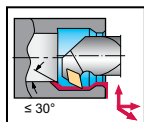
Q...-SDUC...-X

mm

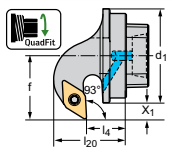
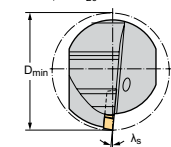
Walter Turn



- QuadFit
- For Accure-tec boring bars



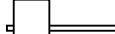
Tool

	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°	DC .. 11T3 ..
	Q32-SDUCL-22018-11X	11	Q32	40	21,9	18	37,5	5,9	0°	-5°	
	Q40-SDUCL-27017-11X	11	Q40	50	26,9	17	40,5	6,9	0°	-5°	
	Q50-SDUCL-32017-11X	11	Q50	63	32	17	42,5	6,9	0°	-5°	

QuadFit

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

Assembly parts

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

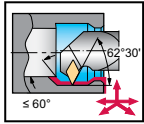
Replaceable head – screw clamping

Q...-SDXC mm

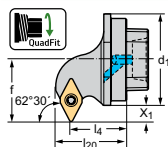
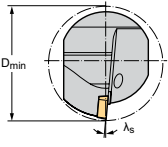
Walter Turn



- QuadFit
- For Accuretec 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)

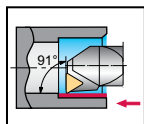
Replaceable head – screw clamping

Q...-STFC mm

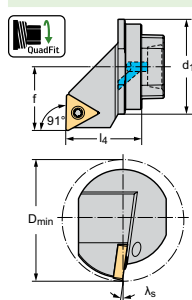
Walter Turn



- QuadFit
- For Accure-tec boring bars



Tool



Designation		d ₁	D _{min} mm	f mm	l ₄ mm	γ	λ _s	Type
Q25-STFCR-17020-11	11	Q25	32	17	20	0°	-3°	TC .. 1102 ..
Q32-STFCR-22032-16	16	Q32	40	22	32	0°	-10°	TC .. 16T3 ..
Q40-STFCR-27032-16	16	Q40	50	27	32	0°	-8°	
Q50-STFCR-32032-16	16	Q50	63	32	32	0°	-8°	
Q25-STFCL-17020-11	11	Q25	32	17	20	0°	-3°	TC .. 1102 ..
Q32-STFCL-22032-16	16	Q32	40	22	32	0°	-10°	TC .. 16T3 ..
Q40-STFCL-27032-16	16	Q40	50	27	32	0°	-8°	
Q50-STFCL-32032-16	16	Q50	63	32	32	0°	-8°	

QuadFit

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

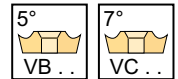
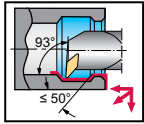
Replaceable head – screw clamping

Q...-SVUB mm

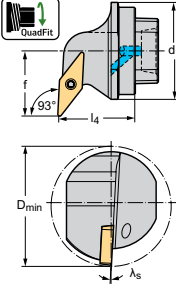
Walter Turn



- QuadFit
- For Accuretec boring bars



Tool

	Designation		d ₁	D _{min} mm	f mm	l ₄ mm	γ	λ _s	Type
	Q25-SVUBR-17020-11	11	Q25	32	17	20	0°	-4°	VB .. 1103 ..
	Q32-SVUBR-22032-16	16	Q32	40	22	32	0°	-3°	VB .. 1604 ..
	Q40-SVUBR-27032-16	16	Q40	50	26,9	32	0°	-3°	
	Q50-SVUBR-32032-16	16	Q50	63	31,9	32	0°	-3°	
	Q25-SVUBL-17020-11	11	Q25	32	17	20	0°	-4°	VB .. 1103 ..
	Q32-SVUBL-22032-16	16	Q32	40	22	32	0°	-3°	VB .. 1604 ..
	Q40-SVUBL-27032-16	16	Q40	50	26,9	32	0°	-3°	
	Q50-SVUBL-32032-16	16	Q50	63	31,9	32	0°	-3°	

QuadFit

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

Assembly parts

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

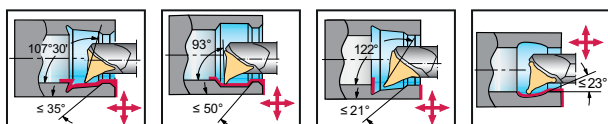
Replaceable head – Copy turning system

W1211-Q...

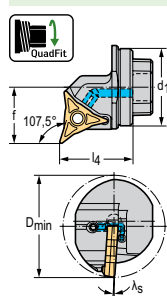
Walter Turn



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



Tool



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°

WL25..

W1211-Q50R-WL25

25

Q50

63

31,9

35

-1,8°

-3,7°

WL25..

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°

WL25..

W1211-Q50L-WL25

25

Q50

63

31,9

35

-1,8°

-3,7°

WL25..

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

Assembly parts

Type
d₁WL25..
Q32–Q50Clamping screw for indexable insert
Tightening torqueFS1495 (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-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

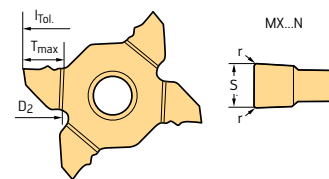
Cutting inserts

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
									WSM23S	WSM23S	WSM23S
	MX22-2E050N01-GD8	0,5	0,1	2,5		0,02–0,04	±0,02	±0,03	☺	☺	☺
	MX22-2E100N01-GD8	1	0,1	3,5	130	0,03–0,06	±0,02	±0,03	☺	☺	☺
	MX22-2E150N01-GD8	1,5	0,1	5	130	0,03–0,09	±0,02	±0,03	☺	☺	☺
	MX22-2E170N02-GD8	1,7	0,2	3		0,03–0,10	±0,02	±0,03	☺	☺	☺
	MX22-2E200N02-GD8	2	0,2	6	100	0,04–0,10	±0,02	±0,03	☺	☺	☺
	MX22-2E224N02-GD8	2,24	0,2	6	100	0,04–0,12	±0,02	±0,03	☺	☺	☺
	MX22-2E275N02-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

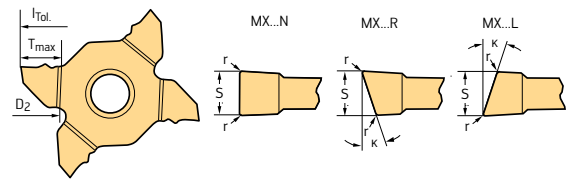
Ordering example for the grade WSM23S: MX22-2E050N01-GD8 WSM23S

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
	MX22-2E080N01-CF5	0,8	0,1		1,6	130	0,02–0,05	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E100N01-CF5	1	0,1		3,5	130	0,03–0,07	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E104N01-CF5	1,04	0,1		2		0,03–0,07	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E120N01-CF5	1,2	0,1		2		0,03–0,08	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E140N01-CF5	1,4	0,1		2		0,03–0,09	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E147N01-CF5	1,47	0,1		2,5		0,03–0,09	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E150N01-CF5	1,5	0,1		5	130	0,03–0,10	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E157N02-CF5	1,57	0,2		3		0,04–0,12	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E170N02-CF5	1,7	0,2		3		0,04–0,12	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E185N02-CF5	1,85	0,2		3		0,04–0,12	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E196N02-CF5	1,96	0,2		3		0,04–0,12	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E200N02-CF5	2	0,2		6	100	0,04–0,14	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E224N02-CF5	2,24	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E239N02-CF5	2,39	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E250N02-CF5	2,5	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E275N02-CF5	2,75	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E300N02-CF5	3	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E318N02-CF5	3,18	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E325N02-CF5	3,25	0,2		6	100	0,04–0,16	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E400N02-CF5	4	0,2		6	100	0,10–0,20	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E400N04-CF5	4	0,4		6	100	0,10–0,20	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E425N02-CF5	4,25	0,2		6	100	0,10–0,20	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E480N06-CF5	4,8	0,6		6	100	0,10–0,25	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E500N02-CF5	5	0,2		6	100	0,10–0,25	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E500N04-CF5	5	0,4		6	100	0,10–0,25	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E525N02-CF5	5,25	0,2		6	100	0,10–0,25	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-4E556N02-CF5	5,56	0,2		6	100	0,10–0,28	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E100R10-CF5	1	0,05	10	3,5	130	0,02–0,04	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E150R10-CF5	1,5	0,05	10	5	130	0,03–0,06	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E200R6-CF5	2	0,1	6	6	100	0,04–0,12	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E080L5-CF5	0,8	0,05	5	1,6	130	0,02–0,04	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E100L10-CF5	1	0,05	10	3,5	130	0,02–0,04	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E150L10-CF5	1,5	0,05	10	5	130	0,03–0,06	±0,02	±0,03	WSM23S	WSM13S	WSM23S
	MX22-2E200L6-CF5	2	0,1	6	6	100	0,04–0,12	±0,02	±0,03	WSM23S	WSM13S	WSM23S

Ordering example for the grade WSM23S: MX22-2E080N01-CF5 WSM23S

HC = Coated carbide

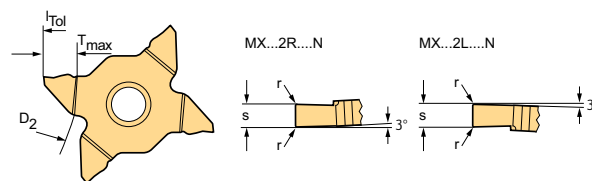
WALTER SELECT

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

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	1,5	0,1	5	130	0,03–0,06	±0,02	±0,03	WSM23S	WSM23S	WSM23S
	MX22-2R200N02-GD8	2	0,2	5	100	0,04–0,10	±0,02	±0,03	WSM23S	WSM23S	WSM23S
	MX22-2R300N02-GD8	3	0,2	5	100	0,05–0,14	±0,02	±0,03	WSM23S	WSM23S	WSM23S
	MX22-2L150N01-GD8	1,5	0,1	5	130	0,03–0,06	±0,02	±0,03	WSM23S	WSM23S	WSM23S
	MX22-2L200N02-GD8	2	0,2	5	100	0,04–0,10	±0,02	±0,03	WSM23S	WSM23S	WSM23S
	MX22-2L300N02-GD8	3	0,2	5	100	0,04–0,14	±0,02	±0,03	WSM23S	WSM23S	WSM23S

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

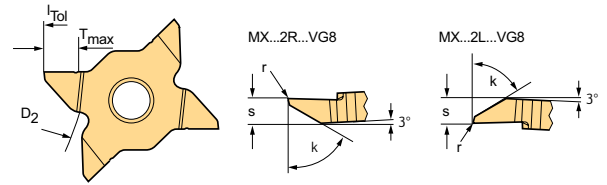
WALTER SELECT

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

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
									HC	HC	HC
 MX22-2R280R01-VG8	2,8	0,05	60	5,5	100	0,05–0,12	±0,02	±0,03	WSM23S HC	WSM23S HC	WSM23S HC
 MX22-2L280L01-VG8	2,8	0,05	60	5,5	100	0,05–0,12	±0,02	±0,03	WSM23S HC	WSM23S HC	WSM23S HC

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

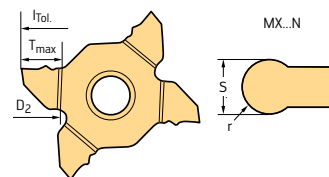
WALTER SELECT

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	P	M	S
								HC	HC	HC
								WSM23S	WSM13S	WSM13S
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

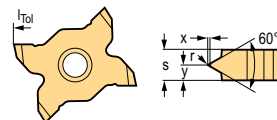
Ordering example for the grade WSM23S: MX22-2E157N08-RF5 WSM23S

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	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

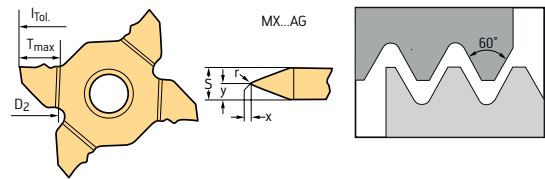
WALTER SELECT

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

External thread – 60° partial profile – cutting inserts

MX

Tiger-tec® Silver



A2

Indexable inserts

Designation	P mm	Pitch (P) in	s mm	r mm	X mm	Y mm	P		M		S	
							HC		HC		HC	
							WSM23S	WSM33S	WSM23S	WSM33S	WSM23S	WSM33S
	MX22-2E-EN-A60	0,5–1,5	48–16	3,35	0,05	1,68	☺	☺	☺	☺	☺	☺
	MX22-4E-EN-A60	0,5–3	48–8	5,65	0,08	2,83	☺	☺	☺	☺	☺	☺

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

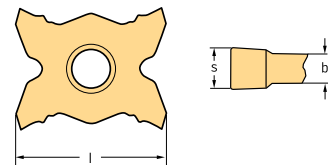
Radius tolerance $r_{Tol} = \pm 0.05$ mm

Ordering example for the grade WSM23S: MX22-2E-EN-A60 WSM23S

HC = Coated carbide

Semi-finished blanks for special shapes

MX



Cutting inserts

Designation	s mm	l mm	WMG30
	MX22-2E335N	3,35	23,2
	MX22-4E565N	5,65	23,2

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

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

HF = Uncoated fine-grained carbide

WALTER SELECT

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

Grooving and parting off – cutting inserts

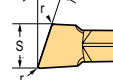
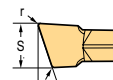
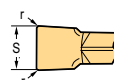
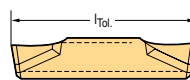
DX

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				
									HC				HC				HC	HF	HC				
									WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WN13	WSM23S	WSM33G	WSM33S	WSM43S
	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

WALTER SELECT

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

Grooving and parting off – cutting inserts

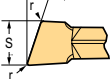
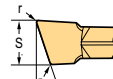
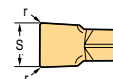
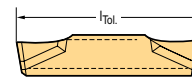
DX

Tiger-tec® Gold

DX...N

DX...R

DX...L



A2

Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P					M				K	N	S			
									HC				HC				HC			HF	HC		
									WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WN13	WSM23S	WSM33G	WSM33S	WSM43S
	DX18-1E150L10-CF5	1,5	0	10	18	0,03–0,06	±0,05	±0,15															
	DX18-2E200L6-CF5	2	0,2	6	18	0,03–0,12	±0,05	±0,15															
	DX18-2E200L7-CF5	2	0	7	18	0,03–0,12	±0,05	±0,15															
	DX18-2E200L15-CF5	2	0	15	18	0,03–0,12	±0,05	±0,15															
	DX18-2E250L6-CF5	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15															
	DX18-3E300L6-CF5	3	0,2	6	18	0,04–0,19	±0,05	±0,15															
	DX18-3E300L7-CF5	3	0	7	18,8	0,04–0,16	±0,05	±0,15															
	DX18-3E300L15-CF5	3	0	15	18,8	0,04–0,16	±0,05	±0,15															
	DX18-3F300N02-CF5	3	0,2		18	0,08–0,23	±0,05	±0,15															
	DX18-1E120N01-CE4	1,2	0,15		18	0,04–0,13	±0,05	±0,15															
	DX18-1E150N01-CE4	1,5	0,15		18	0,03–0,12	±0,05	±0,15															
	DX18-2E200N02-CE4	2	0,2		18	0,06–0,17	±0,05	±0,15															
	DX18-2E250N02-CE4	2,5	0,2		18	0,07–0,21	±0,05	±0,15															
	DX18-3E300N02-CE4	3	0,2		18	0,09–0,33	±0,05	±0,15															
	DX18-2E200R6-CE4	2	0,2	6	18	0,04–0,12	±0,05	±0,15															
	DX18-2E250R6-CE4	2,5	0,2	6	18	0,05–0,15	±0,05	±0,15															
	DX18-3E300R6-CE4	3	0,2	6	18	0,09–0,27	±0,05	±0,15															
	DX18-2E200L6-CE4	2	0,2	6	18	0,04–0,12	±0,05	±0,15															
	DX18-2E250L6-CE4	2,5	0,2	6	18	0,05–0,15	±0,05	±0,15															
	DX18-3E300L6-CE4	3	0,2	6	18	0,09–0,27	±0,05	±0,15															
	DX18-3F300N02-CE4	3	0,2		18	0,09–0,33	±0,05	±0,15															
	DX18-2E200N02-GD3	2	0,2		18	0,04–0,15	±0,05	±0,15															
	DX18-2E250N02-GD3	2,5	0,2		18	0,04–0,17	±0,05	±0,15															
	DX18-3E300N03-GD3	3	0,3		18	0,06–0,21	±0,05	±0,15															
	DX18-4E400N04-GD3	4	0,4		18,5	0,10–0,23	±0,05	±0,15															
	DX18-2E200N02-GD6	2	0,2		18	0,04–0,14	±0,05	±0,15															
	DX18-2E250N02-GD6	2,5	0,2		18	0,06–0,20	±0,05	±0,15															
	DX18-3E300N03-GD6	3	0,3		18	0,08–0,21	±0,05	±0,15															
	DX18-4E400N04-GD6	4	0,4		18,5	0,10–0,25	±0,05	±0,15															

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batchRadius tolerance r_{Tol} = ±0,05 mm

Ordering example for the grade WN13: DX18-1E150N01-CK8 WN13

HC = Coated carbide

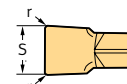
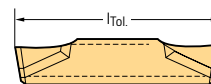
HF = Uncoated fine-grained carbide

Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold

DX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P					M			K					S				
									HC					HC			HC					HC				
									WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP13S	WKP23S	WKP33S	WSM33G	WSM33S	WSM23S	WSM33G	WSM33S	WSM43S
	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

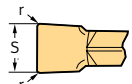
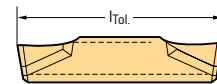
Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold

DX...N

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	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 batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WSM23S: DX18-1E160N01-UF8 WSM23S

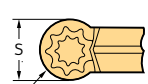
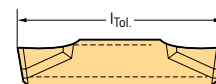
HC = Coated carbide

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				M				K	S			
									HC				HC				HC	HC			
									WSM13S	WKP23S	WSM23S	WSM33G	WSM33S	WSM13S	WSM23S	WSM33G	WSM33S	WKP23S	WSM13S	WSM23S	WSM33G
	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 batchRadius 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

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

Cutting inserts A 397

Grooving and parting off – cutting inserts

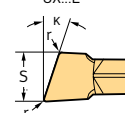
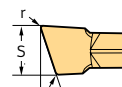
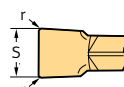
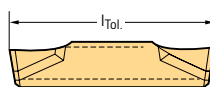
GX

Tiger-tec® Silver

GX...N

GX...R

GX...L



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
	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												
	GX16-2E300N02-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

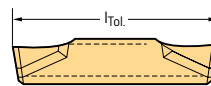
WALTER SELECT

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

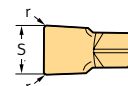
Grooving and parting off – cutting inserts

GX

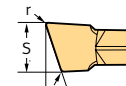
Tiger-tec® Silver



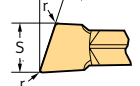
GX...N



GX...R



GX...L



A2

Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P				M			K	N	S		
									HC				HC			HC	HW	HC		
									WKP23S	WSM23S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33S	WSM43S
	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 batchRadius tolerance r_{Tol} = ±0.05 mm

Parting off with diameters up to 32 mm is possible with GX16 inserts (l = 16.6 mm)

Ordering example for the grade WK1: GX16-1E200N02-CK8 WK1

HC = Coated carbide

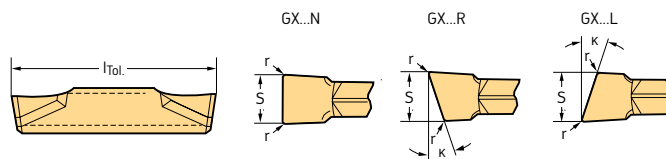
HW = Uncoated carbide

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
	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

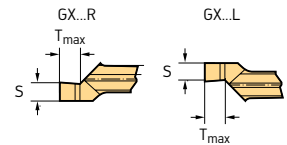
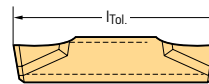
HC = Coated carbide

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

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

Ordering example for the grade WSM23S: GX09-1E100R00-GD8 WSM23S

HC = Coated carbide

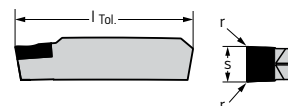
WALTER SELECT

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

CBN – grooving and parting off

GX

A2



Cutting inserts

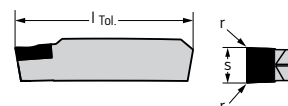
	Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	S	H
								BH	BL
								WBS10	WBH20
	GX24-2F300N02EM-1	3	0,2	24	0,10–0,15	±0,02	±0,03	☺	
	GX24-3F400N02EM-1	4	0,2	24	0,10–0,20	±0,02	±0,03	☺	
	GX24-3F500N04EM-1	5	0,4	24	0,10–0,25	±0,02	±0,03	☺	
	GX24-4F600N04EM-1	6	0,4	24	0,10–0,30	±0,02	±0,03	☺	
	GX24-2F300N02TM-1	3	0,2	24	0,02–0,10	±0,02	±0,03		☹
	GX24-3F400N02TM-1	4	0,2	24	0,02–0,12	±0,02	±0,03		☹
	GX24-3F500N04TM-1	5	0,4	24	0,02–0,14	±0,02	±0,03		☹
	GX24-4F600N04TM-1	6	0,4	24	0,02–0,15	±0,02	±0,03		☹

h_{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	2	0,2	16	0,04–0,12	±0,02	±0,02	☺	☺
	GX24-2F300N02FS-F1	3	0,2	24	0,05–0,16	±0,02	±0,02	☺	☺
	GX24-3F400N02FS-F1	4	0,2	24	0,06–0,22	±0,02	±0,02	☹	☹
	GX24-3F500N02FS-F1	5	0,2	24	0,06–0,25	±0,02	±0,02	☹	☹
	GX24-4F600N02FS-F1	6	0,2	24	0,06–0,28	±0,02	±0,02	☹	☹

h_{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

WALTER SELECT

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

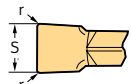
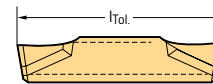
Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver

GX...N

A2



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P					M			K			S			
									HC					HC			HC			HC			
									WKP23S	WSM23S	WKP33S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP13S	WKP23S	WKP33S	WSM33S	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 batchRadius 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

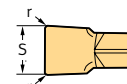
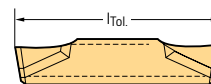
Cutting inserts A 403

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		
								HC					HC			HC				HC		
								WKP23S	WSM23S	WKP33S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP13S	WKP23S	WKP33S	WSM33S	WSM23S	WSM33S	WSM43S
	GX24-4E600N08-UF4	6	0,8	24	0,14–0,40	0,9–3,5	±0,05	±0,15	☺		☺		☺			☺				☺		
	GX24-4E635N05-UF4	6,35	0,5	24	0,14–0,4	0,6–3,5	±0,05	±0,15			☺		☺							☺		
	GX30-5E800N08-UF4	8	0,8	30	0,18–0,55	0,9–4,0	±0,05	±0,15			☺		☺							☺		
	GX24-2F300N03-UF4	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15			☺		☺							☺		
	GX24-3F400N04-UF4	4	0,4	24	0,10–0,30	0,5–2,8	±0,05	±0,15			☺		☺							☺		
	GX24-3F500N04-UF4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15			☺		☺							☺		
	GX24-4F600N05-UF4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15			☺		☺							☺		
	GX16-1E200N02-UD6	2	0,2	16	0,06–0,15	0,3–1,2	±0,05	±0,15			☺		☺							☺		
	GX16-2E300N03-UD6	3	0,3	16	0,10–0,20	0,4–2,0	±0,05	±0,15			☺		☺							☺		
	GX24-2E300N03-UD6	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15	☺		☺		☺							☺		
	GX24-3E400N04-UD6	4	0,4	24	0,12–0,25	0,5–2,8	±0,05	±0,15	☺		☺		☺							☺		
	GX24-3E500N04-UD6	5	0,4	24	0,12–0,30	0,5–3,0	±0,05	±0,15	☺		☺		☺							☺		
	GX24-4E600N05-UD6	6	0,5	24	0,14–0,35	0,6–3,5	±0,05	±0,15			☺		☺							☺		
	GX16-1E200N02-UD4	2	0,2	16	0,10–0,15	0,3–1,2	±0,05	±0,15	☺		☺		☺							☺		
	GX16-2E300N03-UD4	3	0,3	16	0,10–0,20	0,4–2,0	±0,05	±0,15	☺		☺		☺							☺		
	GX16-3E400N04-UD4	4	0,4	16	0,10–0,30	0,5–2,8	±0,05	±0,15	☺		☺		☺							☺		
	GX24-2E300N03-UD4	3	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15	☺	☺	☺		☺					☺	☺	☺		
	GX24-2E318N03-UD4	3,18	0,3	24	0,10–0,20	0,4–2,0	±0,05	±0,15	☺		☺		☺							☺		
	GX24-3E400N04-UD4	4	0,4	24	0,10–0,30	0,5–2,8	±0,05	±0,15	☺	☺	☺		☺							☺		
	GX24-3E400N08-UD4	4	0,8	24	0,10–0,30	0,9–2,8	±0,05	±0,15	☺	☺	☺		☺							☺		
	GX24-3E500N04-UD4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15	☺	☺	☺		☺							☺		
	GX24-3E500N08-UD4	5	0,8	24	0,12–0,35	0,9–3,0	±0,05	±0,15	☺	☺	☺		☺							☺		
	GX24-4E600N05-UD4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15	☺		☺		☺							☺		
	GX24-4E600N08-UD4	6	0,8	24	0,14–0,40	0,9–3,5	±0,05	±0,15	☺		☺		☺							☺		
	GX30-5E800N08-UD4	8	0,8	30	0,14–0,40	0,9–4,0	±0,05	±0,15	☺		☺		☺							☺		
	GX30-5E800N12-UD4	8	1,2	30	0,14–0,40	1,3–4,0	±0,05	±0,15			☺		☺							☺		
	GX16-1E200N02-UA4	2	0,2	16	0,08–0,15	0,3–1,2	±0,05	±0,15								☺						
	GX16-2E300N03-UA4	3	0,3	16	0,10–0,22	0,4–2,0	±0,05	±0,15								☺	☺					
	GX16-3E400N04-UA4	4	0,4	16	0,10–0,35	0,5–2,8	±0,05	±0,15								☺	☺					
	GX24-2E300N03-UA4	3	0,3	24	0,10–0,22	0,4–2,0	±0,05	±0,15								☺	☺					
	GX24-3E400N04-UA4	4	0,4	24	0,10–0,35	0,5–2,8	±0,05	±0,15								☺	☺					
	GX24-3E500N04-UA4	5	0,4	24	0,12–0,35	0,5–3,0	±0,05	±0,15								☺	☺					
	GX24-4E600N05-UA4	6	0,5	24	0,14–0,40	0,6–3,5	±0,05	±0,15								☺	☺					

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

Radius tolerance r_{Tol} = ±0.05 mm

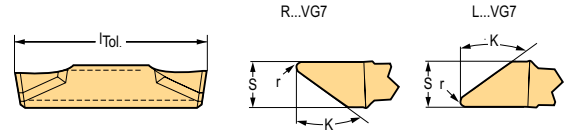
Ordering example for the grade WSM23S: GX09-0E170N01-UF8 WSM23S

HC = Coated carbide

Grooving and recessing – cutting inserts

GX

Tiger-tec® Silver



Cutting inserts

Designation	s mm	r mm	K	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P		M		S	
									HC	WSM23S	HC	WSM23S	HC	WSM23S
 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 batchRadius tolerance r_{Tol} = ±0.05 mm

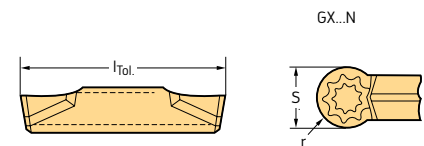
Ordering example for the grade WSM23S: GX24-2E280R02-VG7 WSM23S

HC = Coated carbide

Grooving and copy turning – cutting inserts

GX

Tiger-tec® 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	WSM13S	HC	WSM13S	HC	WK1	HC	WSM13S
 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 batchRadius tolerance r_{Tol} = ±0.05 mm

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

HC = Coated carbide

HW = Uncoated carbide

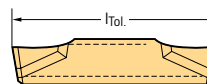
WALTER SELECT

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

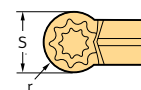
Grooving and copy turning – cutting inserts

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	3	1,5	24	0,10–0,33	0,1–1,5	±0,05	±0,15												
	GX24-3E400N20-RF7	4	2	24	0,12–0,48	0,1–2,0	±0,05	±0,15												
	GX24-3E500N25-RF7	5	2,5	24	0,12–0,53	0,1–2,5	±0,05	±0,15												
	GX24-2F300N15-RF7	3	1,5	24	0,10–0,33	0,1–1,5	±0,05	±0,15												
	GX24-3F400N20-RF7	4	2	24	0,12–0,48	0,1–2,0	±0,05	±0,15												
	GX24-3F500N25-RF7	5	2,5	24	0,12–0,53	0,1–2,5	±0,05	±0,15												
	GX16-1E200N10-RD4	2	1	16	0,08–0,25	0,2–1,0	±0,05	±0,15												
	GX16-1E239N12-RD4	2,39	1,2	16	0,08–0,25	0,2–1	±0,05	±0,15												
	GX16-2E300N15-RD4	3	1,5	16	0,10–0,35	0,5–1,5	±0,05	±0,15												
	GX24-2E300N15-RD4	3	1,5	24	0,10–0,35	0,5–1,5	±0,05	±0,15												
	GX24-2E318N16-RD4	3,18	1,59	24	0,10–0,35	0,5–1,5	±0,05	±0,15												
	GX24-3E400N20-RD4	4	2	24	0,15–0,50	0,5–2,0	±0,05	±0,15												
	GX24-3E475N24-RD4	4,75	2,38	24	0,17–0,6	0,5–2,3	±0,05	±0,15												
	GX24-3E500N25-RD4	5	2,5	24	0,17–0,60	0,5–2,5	±0,05	±0,15												
	GX24-4E600N30-RD4	6	3	24	0,17–0,70	0,5–3,0	±0,05	±0,15												
	GX24-4E635N32-RD4	6,35	3,18	24	0,17–0,7	0,5–3	±0,05	±0,15												
	GX30-5E800N40-RD4	8	4	30	0,20–0,80	0,6–4,0	±0,05	±0,15												
	GX24-3F500N25-RD4	5	2,5	24	0,17–0,60	0,5–0,0	±0,05	±0,15												

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

Radius tolerance r_{Tol} = ±0.05 mm

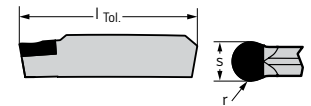
Ordering example for the grade WK1: GX24-4R300N-RK8 WK1

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
	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 batchRadius tolerance r_{Tol} = ±0.05 mm

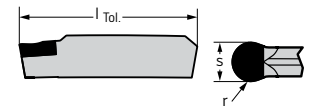
Ordering example for the grade WBS10: GX24-2F300N15EM-1 WBS10

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
	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 batchRadius tolerance r_{Tol} = ±0.05 mm

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

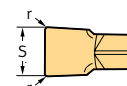
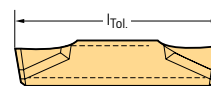
DP = Polycrystalline diamond

Axial grooving – cutting inserts

GX

Tiger-tec® Silver

GX...N



Cutting inserts

Designation	s mm	r mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	K	S
						HC	HC	HC	HC
 GX24-3E500R04-AF5	5	0,4	0,15–0,30	±0,05	±0,15	WKP23S	WSM33S	WSM33S	WKP23S
 GX24-3E500L04-AF5	5	0,4	0,15–0,30	±0,05	±0,15	WKP23S	WSM33S	WSM33S	WKP23S
 GX24-3F500R04-AF5	5	0,4	0,15–0,30	±0,05	±0,15	WKP23S	WSM33S	WSM33S	WKP23S
 GX24-3F500L04-AF5	5	0,4	0,15–0,30	±0,05	±0,15	WKP23S	WSM33S	WSM33S	WKP23S

When using the GX24-...R...-AF5 cutting insert, the G1111...R tool should be used

When using the GX24-...L...-AF5 cutting insert, the G1111...L tool should be used

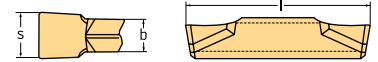
Ordering example for the grade WKP23S: GX24-3E500R04-AF5 WKP23S

HC = Coated carbide

Semi-finished blanks for special shapes

GX

A2



Cutting inserts

	Designation	s mm	l mm	P	M	S
				HW	HW	HW
				WMG40	WMG40	WMG40
						
	GX24-2E4.80N	4,8	24,6			
	GX24-3E6.30N	6,3	24,6			
	GX24-4E8.30N	8,3	24,6			
	GX24-5E10.30N	10,3	24,6			

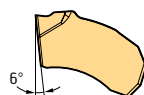
Grade WMG40 has the ISO application ranges P30, M30 and S30
 Ordering example for the grade WMG40: GX24-2E4.80N WMG40

HW = Uncoated carbide

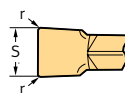
Grooving and parting off – cutting inserts

SX

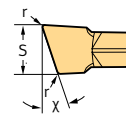
Tiger-tec® Gold



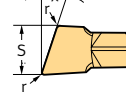
SX...N



SX...R



SX...L



Cutting inserts

Designation		s mm	r mm	κ	f mm	S _{Tol} mm	l _{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																		

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

Radius tolerance r_{Tol} = ±0.05 mm

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

HC = Coated carbide

HW = Uncoated carbide

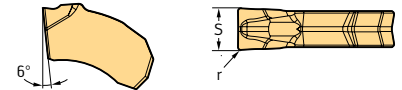
WALTER SELECT

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

Grooving and recessing – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P				M		K	S			
							HC				HC		HC	HC			
							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 batchRadius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WKP23S: SX-8E800N08-UF4 WKP23S

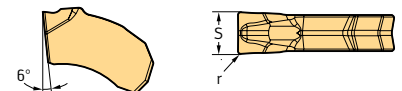
Ordering example for the grade WSM33G: SX-8E800N08-UF4 WSM33G

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 batchRadius tolerance r_{Tol} = ±0.05 mm

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

HC = Coated carbide

HW = Uncoated carbide

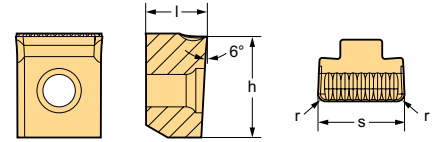
WALTER SELECT

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

Grooving and parting off – cutting inserts

UX

Tiger-tec® Silver



Cutting inserts

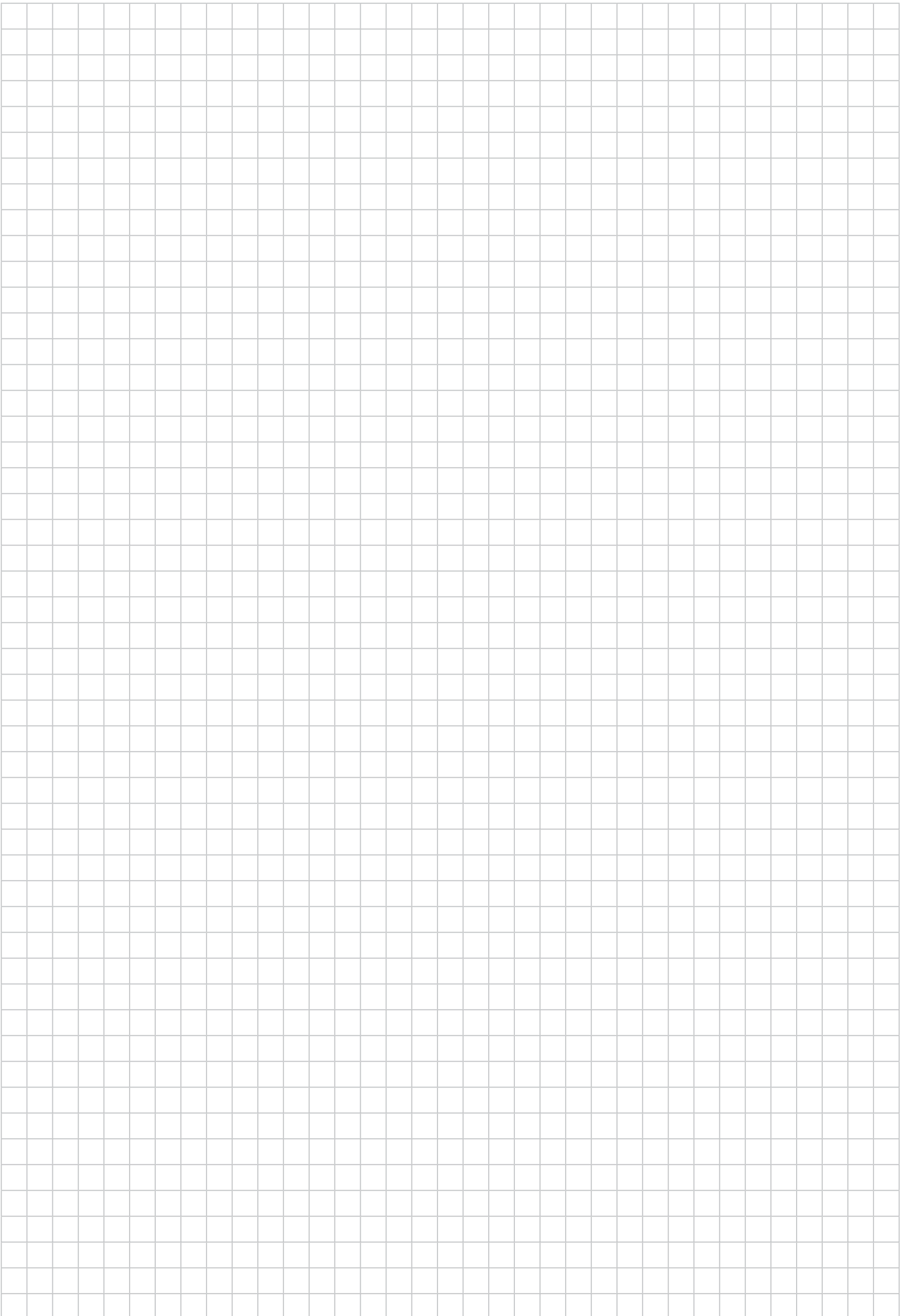
	Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	h _{Tol} mm	P	K
								HC	HC
	UX-12E1200N10-GD2	12	1	8,6	0,20-0,40	±0,2	±0,1	WKP33S	WKP33S
	UX-19E1900N15-GD2	19	1,5	13,6	0,25-0,60	±0,2	±0,1	WKP33S	WKP33S

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

Radius tolerance r_{Tol} = ±0.05 mm

Ordering example for the grade WKP33S: UX-12E1200N10-GD2 WKP33S

HC = Coated carbide



A3

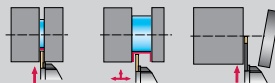
Shank tools/parting blades

A2

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


www.walter-tools.com/woc/

G3011

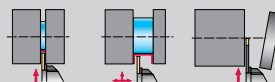
G3011-P

G3021-P

System



Machining



G3051...-P



G4014



G4014...-P

Designation

Insert width s [mm]	0,5–3,25	1–3	2–3
Cutting depth T_{max} [mm]	6	17,5	17,5
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	12–25	10–20	12–20
Shank size h [Inch]	0,625–1,000	0,500–0,625	0,500–0,750
Page in catalogue	A 436	A 441	A 441

QR code


www.walter-tools.com/woc/

G3051-P

G4014

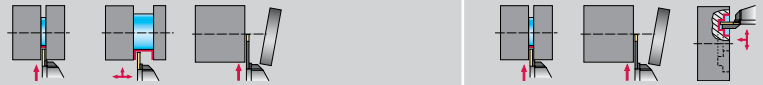
G4014-P

Shank tools/parting blades

System



Machining



G4011



G4011...-P



G4511

Designation

Insert width s [mm]	2-4	2-4	2-6
Cutting depth T_{max} [mm]	17	17	5
Coolant supply	External	Precision cooling	External
Shank size h [mm]	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

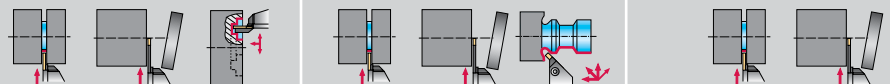
G4011-P

G4511

System



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

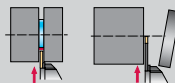
Shank tools/parting blades

A2

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

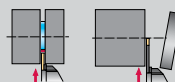
G4041-C

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/

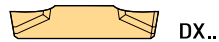
G4042-N

G4042-N-P

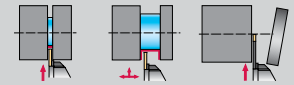
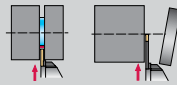
G4634-P

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

A 465

A 467

QR code


www.walter-tools.com/woc/

G4635

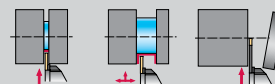
G4635-P

G1011

System



Machining



G1011...-P



G1511



G1511...-P

Designation

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

A 467

A 480

A 481

QR code


www.walter-tools.com/woc/

G1011-P

G1511

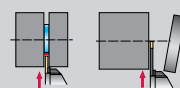
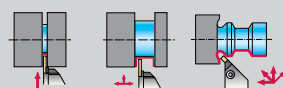
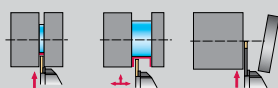
G1511-P

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

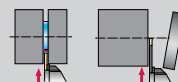
G1551

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

G1041-C

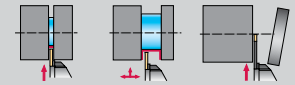
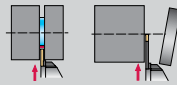
G1041-C-P

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

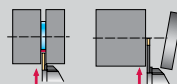
XLCFN

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

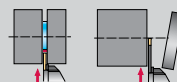
MSS-E-A

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

G2012-P

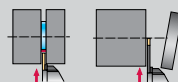
G2042-R-L

Shank tools/parting blades

System



Machining



G2042...R/L...-P



G2042...R/L...C



G2042...R/L...C-P

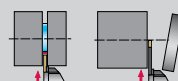
Designation

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

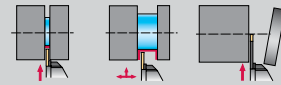
Shank tools/parting blades

A2

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

A 526

A 521

A 521

QR code



www.walter-tools.com/woc/

G2016-P

MSS-00

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

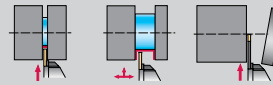
SBN

Walter Capto™ groove turning holders

System



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



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

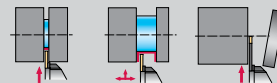
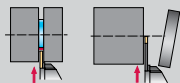
MSS-E-C

Walter Capto™ groove turning holders

System



Machining



G2632-E...R/L...-SX



C...-MSS



C...-MSS...90

Designation

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

A 541

A 539

A 539

QR code

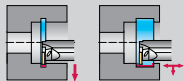

www.walter-tools.com/woc/

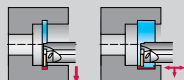
G2632

C-MSS

C-MSS-90

Boring bars – Internal grooving

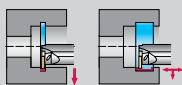
System	 MX..	 DX..	 GX..
Machining			
Designation	G3221...-P	G4221...-P	I12
Insert width s [mm]	0,5–3,25	2–4	2–2,5
Cutting depth T_{max} [mm]	4	10	3
Coolant supply	Precision cooling	Precision cooling	External
Boring bar $\varnothing d_1$ [mm]	32	25–32	16
Boring bar $\varnothing d_1$ [inch]		0,959–1,250	
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/

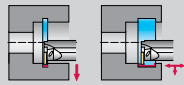
MSS-I-2-5

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

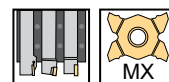
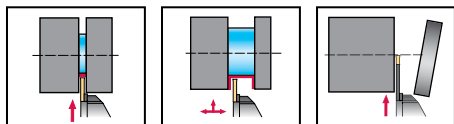
Shank tool - Radial grooving

G3011

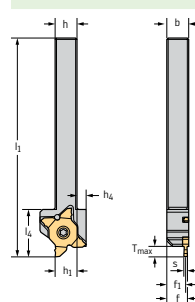
Walter Cut



– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₂
mm

h₄
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

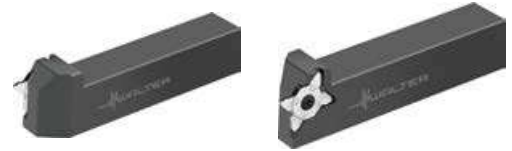
FS2248



Interchangeable blade

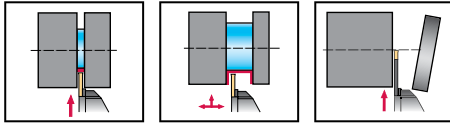
FS2015 (T20IP)

Shank tool - Radial grooving

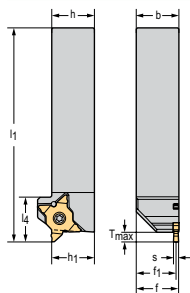
G3011 mm
Walter Cut


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)

Shank tool – Radial grooving

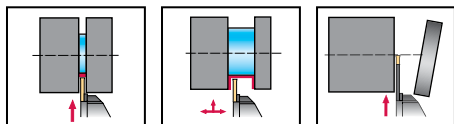
G3011...-P

mm

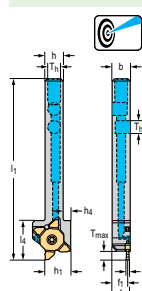
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

Type

G3011-1212R-MX22-2-P

0.5 - 3.3

6

12

12

10,3

120

26

MX22-2E ..

G3011-1616R-MX22-2-P

0.5 - 3.3

6

16

16

14,3

120

26

MX22-2E ..

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

0.5 - 3.3

6

16

16

14,3

120

26

MX22-2E ..

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

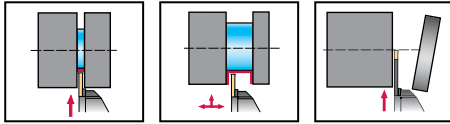
G3011...-P mm

Walter Cut

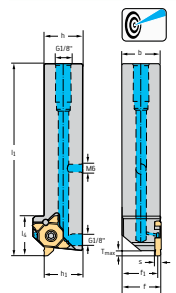


A2

- Screw clamping
- Precision cooling



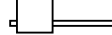
Tool

	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)

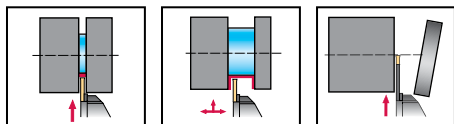
Shank tool – Radial grooving

G3011...-P inch

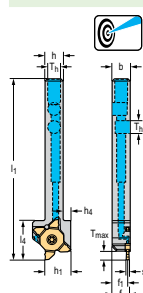
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s

inch

T_{max}

inch

h = h₁

inch

b

inch

f₁

inch

l₁

inch

l₄

inch

Type

G3011.08R-MX22-Z-P

0,020 - 0,130

0,236

0,500

0,500

0,434

4,724

1,024

MX22-2E ..

G3011.10R-MX22-Z-P

0,236

0,625

0,625

0,559

4,724

1,024

MX22-2E ..

G3011.08L-MX22-Z-P

0,020 - 0,130

0,236

0,500

0,500

0,434

4,724

1,024

MX22-2E ..

G3011.10L-MX22-Z-P

0,236

0,625

0,625

0,559

4,724

1,024

MX22-2E ..

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth T_{max} – see cutting inserts | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]

0.020 - 0.130


Clamping screw for grooving insert
Tightening torque

FS2570 (T20IP)
3,688 lbs

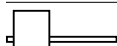

G 1/8" threaded plug

FS2258 (SW 2)



UNF 5/16-24 threaded plug

FS2593 (SW 4)



Torx key

FS2572 (T20IP)

Accessories

s [inch]

0.020 - 0.130



5/16" UNF angle connection

FS2594



5/16" UNF connection element

FS2595



Copper gasket

FS2598



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

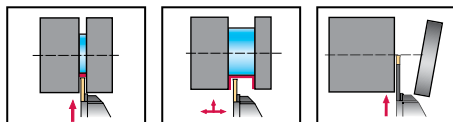
Shank tool – Radial grooving

G3011...-P inch

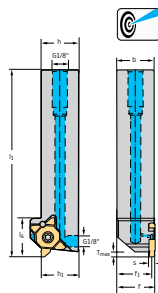
Walter Cut



- Screw clamping
- Precision cooling



Tool

	Designation	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)

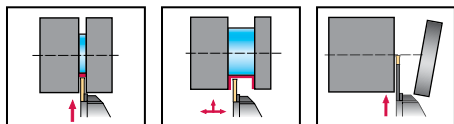
Shank tool – Radial grooving

G3021...-P mm

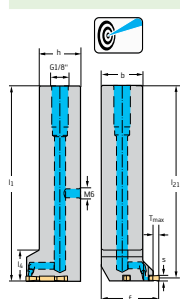
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

l₂₁
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

MX22-2E ..

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

MX22-2E ..

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)

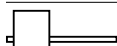
FS2258 (SW 2)



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)

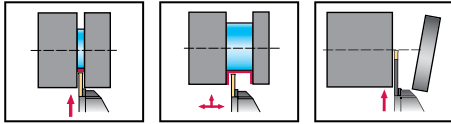
Shank tool – Radial grooving

G3021...-P inch

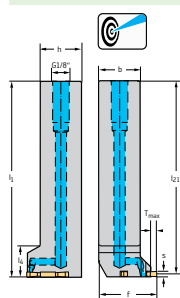
Walter Cut



- 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)

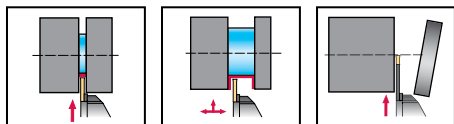
Shank tool 3° – Radial grooving

G3051...-P

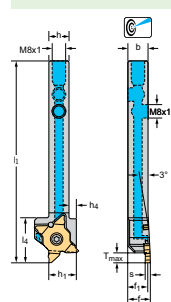
Walter Cut



- Grooving and parting off on high shoulders
- Precision cooling



Tool



Designation

G3051-1212R-MX22-2-P

G3051-1212L-MX22-2-P

s
mm

0.5 - 3.3

T_{max}
mm

6

h = h₁
mm

12

b
mm

12

f₁
mm

13,3

l₁
mm

120

l₄
mm

26

Type

MX22-2R ..

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

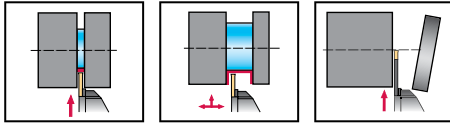
G3051...-P

Walter Cut

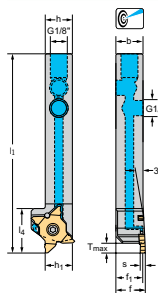


A2

- Grooving and parting off on high shoulders
- Precision cooling



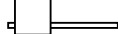
Tool

	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)

Shank tool 3° – Radial grooving

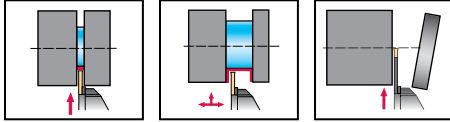
G3051...-P

mm

Walter Cut



- Grooving and parting off on high shoulders
- Precision cooling



Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	Type
	G3051-2020R-MX22-2-P	0.5 - 3.3	6	20	20	21,3	125	26	MX22-2R ..
	G3051-2525R-MX22-2-P		6	25	25	26,3	125	26	
	G3051-2020L-MX22-2-P	0.5 - 3.3	6	20	20	21,3	125	26	MX22-2L ..
	G3051-2525L-MX22-2-P		6	25	25	26,3	125	26	

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth T_{max} – see cutting inserts | The maximum recommended coolant pressure is 150 bar (2175 psi) | When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3
	Clamping screw for grooving insert Tightening torque	FS2570 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS2572 (T20IP)

Accessories

	s [mm]	0.5 - 3.3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool 3° – Radial grooving

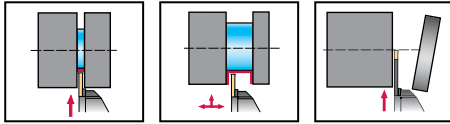
G3051...-P inch

Walter Cut

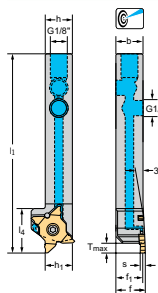


A2

- Grooving and parting off on high shoulders
- Precision cooling



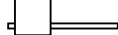
Tool

	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)

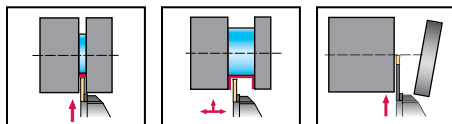
Shank tool 3° – Radial grooving

G3051...-P inch

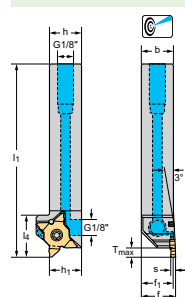
Walter Cut



- Grooving and parting off on high shoulders
- Precision cooling



Tool



Designation

s
inch

T_{max}
inch

h = h₁
inch

b
inch

f₁
inch

l₁
inch

l₄
inch

Type

G3051.12R-MX22-Z-P

0,020 -
0,130

0,236

0,750

0,750

0,803

5,906

1,024

MX22-2R ..

G3051.16R-MX22-Z-P

0,236

1,000

1,000

1,053

5,906

1,024

G3051.12L-MX22-Z-P

0,020 -
0,130

0,236

0,750

0,750

0,803

5,906

1,024

MX22-2L ..

G3051.16L-MX22-Z-P

0,236

1,000

1,000

1,053

5,906

1,024

Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth T_{max} – see cutting inserts | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 150 bar (2175 psi) | When using G3051...R, the insert MX22-2R... is needed / When using G3051...L, the insert MX22-2L... is needed | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]

0.020 - 0.130



Clamping screw for grooving insert
Tightening torque

FS2570 (T20IP)
3,688 lbs



G 1/8" threaded plug

FS2258 (SW 2)



Torx key

FS2572 (T20IP)

Accessories

s [inch]

0.020 - 0.130



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

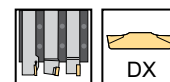
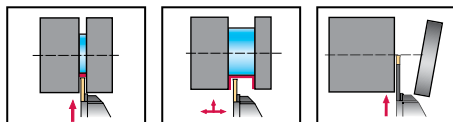
Shank tool – Radial grooving

G4014 mm

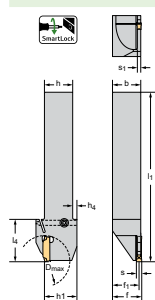
Walter Cut



– Side screw clamping



Tool



Square shank

Designation

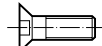
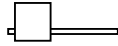
s
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mmh₄
mml₄
mms₁
mm

Type

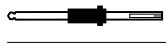
G4014-1010R-1T12DX18	1	25	10	10	9,6	110	4	23	0,8	DX18-1E1 ..
G4014-1212R-1T12DX18		25	12	12	11,6	110	3	22,3	0,8	
G4014-1010R-1.5T10DX18	1,5	20	10	10	9,4	110	4	22	1,2	DX18-1E1.5 ..
G4014-1212R-1.5T12DX18		25	12	12	11,4	110	3	22,3	1,2	
G4014-1616R-1.5T12DX18		25	16	16	15,4	120	4	24	1,2	
G4014-1010R-2T10DX18	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		35	20	20	19,2	120	3	30	1,6	
G4014-1212R-3T12DX18	3	25	12	12	10,8	110	3	22,3	2,4	DX18-3E3 .. DX18-3F3 ..
G4014-1616R-3T17DX18		35	16	16	14,8	120	4	30	2,4	
G4014-2020R-3T17DX18		35	20	20	18,8	120	3	30	2,4	
G4014-1010L-1T12DX18	1	25	10	10	9,6	110	4	23	0,8	DX18-1E1 ..
G4014-1212L-1T12DX18		25	12	12	11,6	110	3	22,3	0,8	
G4014-1010L-1.5T10DX18	1,5	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		35	20	20	19,2	120	3	30	1,6	
G4014-1212L-3T12DX18	3	25	12	12	10,8	110	3	22,3	2,4	DX18-3E3 .. DX18-3F3 ..
G4014-1616L-3T17DX18		35	16	16	14,8	120	4	30	2,4	
G4014-2020L-3T17DX18		35	20	20	18,8	120	3	30	2,4	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the 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

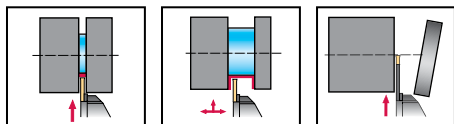
Shank tool – Radial grooving

G4014...-P mm

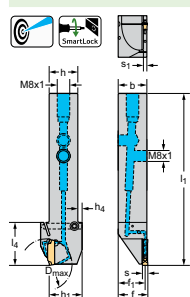
Walter Cut



- Side screw clamping
- Precision cooling



Tool



Designation

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

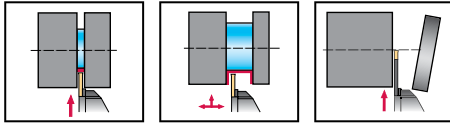
Shank tool – Radial grooving

G4014...-P

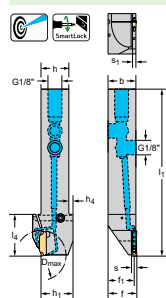
Walter Cut



- Side screw clamping
- Precision cooling



Tool



Designation

s
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mmh₄
mml₄
mms₁
mm

Type

G4014-1616R-2T12DX18-P

2

25

16

16

15,2

120

4

24

1,6

DX18-2E2 ..

G4014-1616R-2T17DX18-P

2

35

16

16

15,2

120

4

30

1,6

DX18-2E2.5 ..

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 ..

G4014-1616L-2T12DX18-P

2

25

16

16

15,2

120

4

24

1,6

DX18-2E2 ..

G4014-1616L-2T17DX18-P

2

35

16

16

15,2

120

4

30

1,6

DX18-2E2.5 ..

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 ..

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

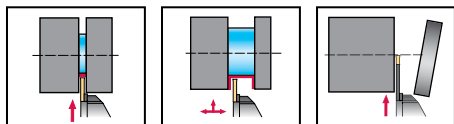
Shank tool – Radial grooving

G4014...-P

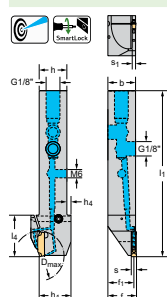
Walter Cut



- Side screw clamping
- Precision cooling



Tool



Designation

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

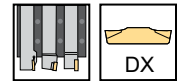
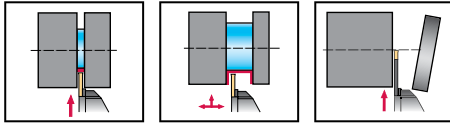
G4014 inch

Walter Cut

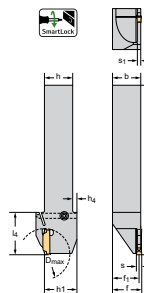


A2

– 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

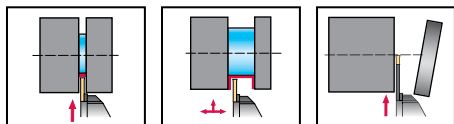
Shank tool – Radial grooving

G4014...-P inch

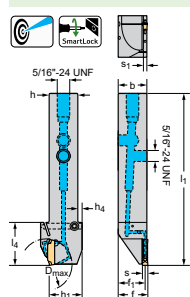
Walter Cut



- Side screw clamping
- Precision cooling



Tool



Designation

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

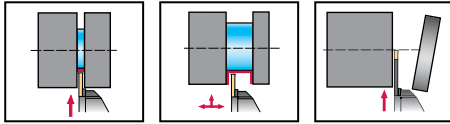
G4014...-P inch

Walter Cut

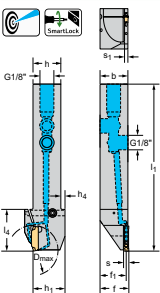


A2

- 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

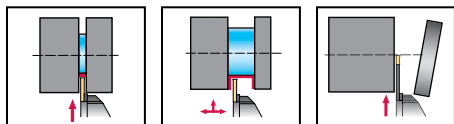
	s [inch]	0,079–0,118
	Torque screwdriver, analogue	FS2004
	Interchangeable blade	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248

G4011

Walter Cut



- Screw clamping



Tool

Tool	Designation	mm									Type
		s	T _{max}	D _{max}	h = h ₁	b	f ₁	l ₁	l ₄	s ₁	
Square shank	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

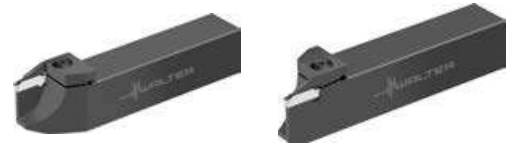
Assembly parts

Accessories

Shank tool – Radial grooving

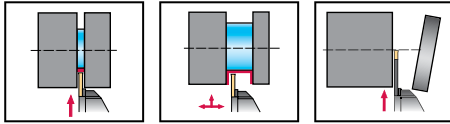
G4011

Walter Cut

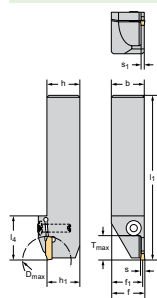


A2

– Screw clamping



Tool



Designation

Designation	s mm	T _{max} mm	D _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	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 ..

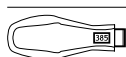
Square shank

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)

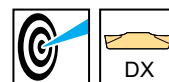
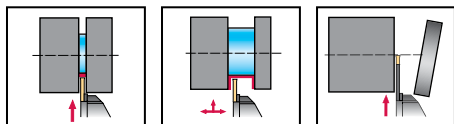
Shank tool – Radial grooving

G4011...-P

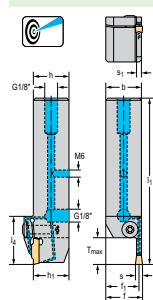
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
mm

Type

G4011-2020R-4T17DX18-P

4

17

20

20

18,3

125

33,5

3,4

DX18-4E4 ..

G4011-2525R-4T17DX18-P

17

25

25

23,3

125

33,5

3,4

DX18-4F4 ..

G4011-2020L-4T17DX18-P

4

17

20

20

18,3

125

33,5

3,4

DX18-4E4 ..

G4011-2525L-4T17DX18-P

17

25

25

23,3

125

33,5

3,4

DX18-4F4 ..

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



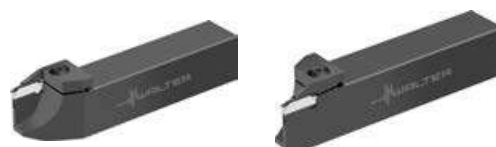
Interchangeable blade

FS2015 (T20IP)

Shank tool – Radial grooving

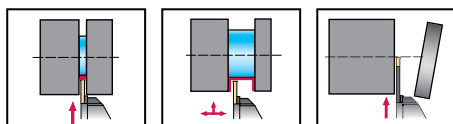
G4011...-P mm

Walter Cut

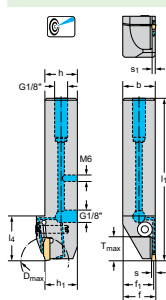


A2

- 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)

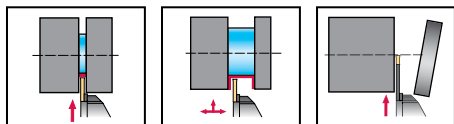
Shank tool – Radial grooving

G4011 inch

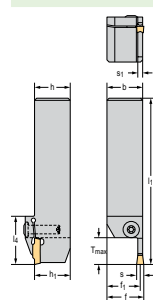
Walter Cut



– 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)

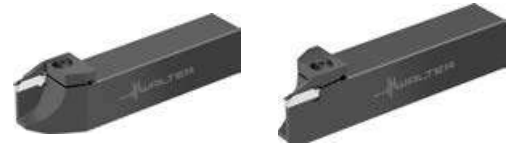
Accessories

	s [inch]	0,079–0,157
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

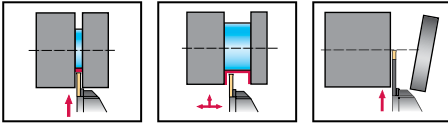
G4011 inch

Walter Cut

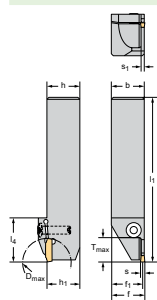


A2

– Screw clamping



Tool



Designation

s

T_{max}D_{max}h = h₁

b

f₁l₁l₄s₁

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 torqueFS2118 (T20IP)
3,688 lbs

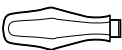
Allen key

FS1464 (T20IP)

Accessories

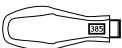
s [inch]

0,118



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



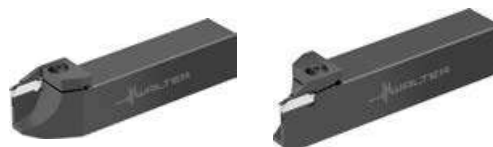
Interchangeable blade

FS2015 (T20IP)

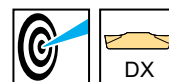
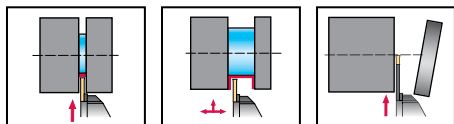
Shank tool – Radial grooving

G4011...-P inch

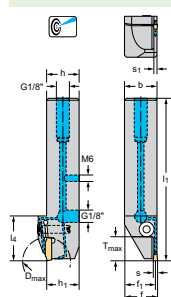
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

Designation	s inch	T _{max} inch	D _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G4011.16R-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

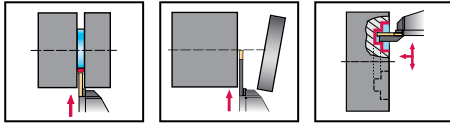
G4511

Walter Cut

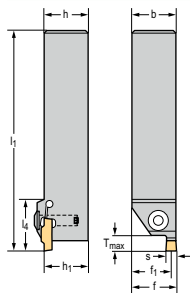


A2

- Screw clamping
- Different grooving widths fit in one tool



Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	Type
	G4511-1212R-T5DX18	2 - 6	5	12	12	9,4	120	31,5	DX18- . E .. DX18- . F ..
	G4511-1616R-T5DX18		5	16	16	13,4	120	29	
	G4511-2020R-T5DX18		5	20	20	17,4	120	29	
	G4511-2525R-T5DX18		5	25	25	22,4	125	29	
	G4511-2020L-T5DX18	2 - 6	5	20	20	17,4	120	29	DX18- . E .. DX18- . F ..
	G4511-2525L-T5DX18		5	25	25	22,4	125	29	

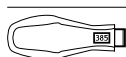
Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Refer to the 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)

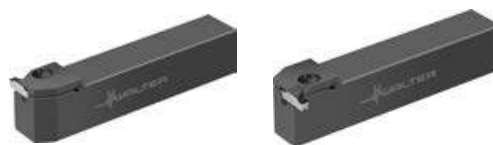
Accessories

	s [mm]	2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

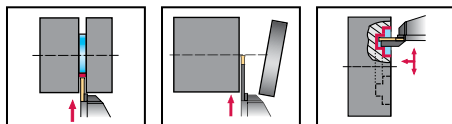
Shank tool – 90° universal

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								
	G4521-2020R-T5DX18	2 - 6	5	20	20	25,5	27	117,4	DX18- . E ..
	G4521-2525R-T5DX18		5	25	25	30,5	27	122,4	DX18- . F ..
	G4521-2020L-T5DX18	2 - 6	5	20	20	25,5	27	117,4	DX18- . E ..
	G4521-2525L-T5DX18		5	25	25	30,5	27	122,4	DX18- . F ..

Square shank

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	2 - 6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

	s [mm]	2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – 45° universal

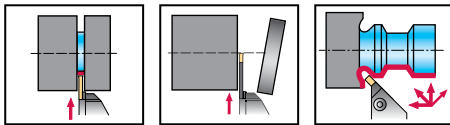
G4551

Walter Cut

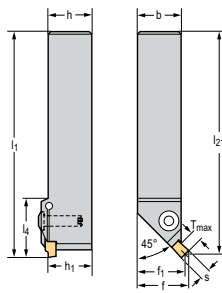


A2

- Screw clamping
- Different grooving widths fit in one tool



Tool

	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₂₁ mm	l ₄ mm	Type
	G4551-2020R-T5DX18	2 - 6	5	20	20	22,3	127,5	32	DX18- . E ..
	G4551-2525R-T5DX18		5	25	25	27,3	127,5	32	DX18- . F ..
	G4551-2525L-T5DX18	2 - 6	5	25	25	27,3	127,5	32	DX18- . E .. DX18- . F ..

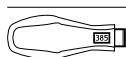
Square shank

Dimensional drawing shows right-hand version. | $f = f_1 + 0.707 \times s/2$ | $l_1 = l_{21} + 0.707 \times s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	2 - 6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

	s [mm]	2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

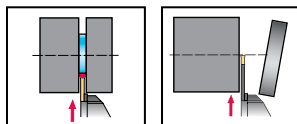
Deep parting blade

G4042...N mm

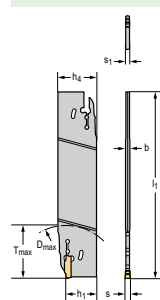
Walter Cut



– Self-clamping system



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₄
mm

b
mm

l₁
mm

h₁
mm

s₁
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

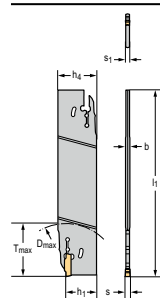
26

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

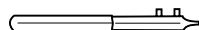
DX18-4E4 ..
DX18-4F4 ..

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

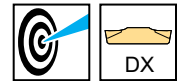
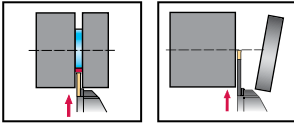
mm

Walter Cut

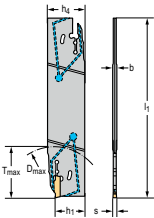


A2

- 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

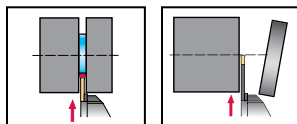
Reinforced parting blade

G4041

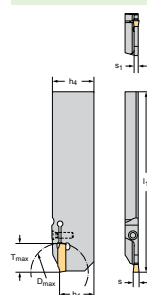
Walter Cut



– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₄
mm

l₁
mm

h₁
mm

s₁
mm

Type

G4041-26R-1.5T17DX18

1,5

17

35

26

110

21,3

1,2

DX18-1E1.5 ..

G4041-26R-2T17DX18

2

17

35

26

110

21,3

1,6

DX18-2E2 ..

G4041-32R-2T21DX18

21

42

32

110

25

2,5

DX18-3E3 ..

G4041-26R-3T17DX18

3

17

35

26

110

21,3

2,5

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 ..

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

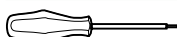

Clamping screw for grooving insert
Tightening torque

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

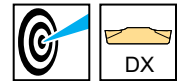
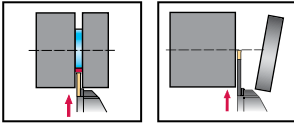
FS2014 (T15IP)

Reinforced parting blade

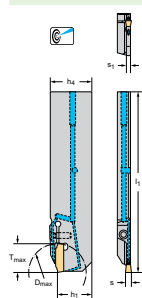
G4041...-P mm
Walter Cut


A2

- Screw clamping
- Precision cooling



Tool



Designation

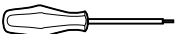
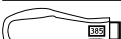
Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G4041-26R-2T17DX18-P	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-26R-3T17DX18-P	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
G4041-26L-2T17DX18-P	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
G4041-32L-2T21DX18-P		21	42	32	110	25	1,6	
G4041-26L-3T17DX18-P	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..

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

Assembly parts

	s [mm]	2-3
	Clamping screw for grooving insert Tightening torque	FS2164 (T15IP) 3,5 Nm

Accessories

	s [mm]	2-3
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

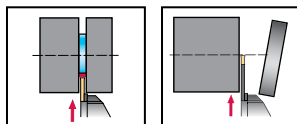
Reinforced parting blade – Contra

G4041...C

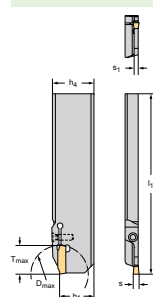
Walter Cut



– Screw clamping



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

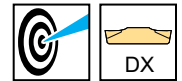
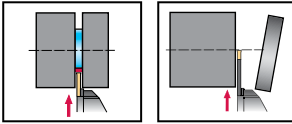
mm

Walter Cut

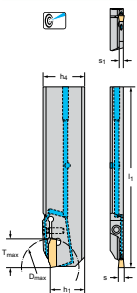


A2

- Screw clamping
- Precision cooling



Tool

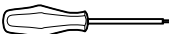
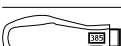
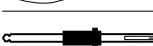
	Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	G4041-26R-2T17DX18C-P	2	17	35	26	110	21,3	1,6	DX18-2E2 ..
	G4041-32R-2T21DX18C-P		21	42	32	110	21,3	1,6	
	G4041-26R-3T17DX18C-P	3	17	35	26	110	21,3	2,5	DX18-3E3 .. DX18-3F3 ..
	G4041-32R-3T21DX18C-P		21	42	32	110	21,3	2,5	
	G4041-26L-2T17DX18C-P	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

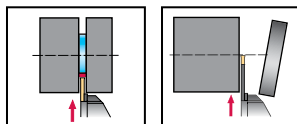
Grooving module – Radial grooving

G4635

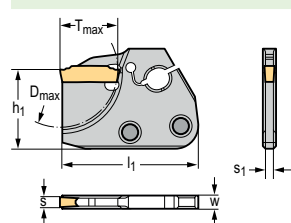
Walter Cut



- 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

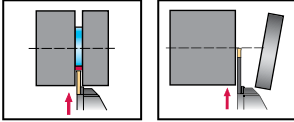
G4635-P

Walter Cut

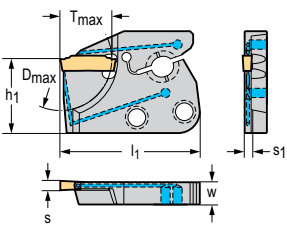


A2

- 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

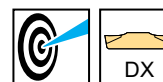
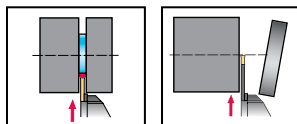
Grooving module – Radial grooving

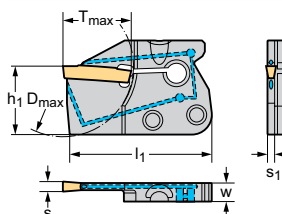
G4634-P mm

Walter Cut



- Screw clamping
- Replacement module



Tool		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

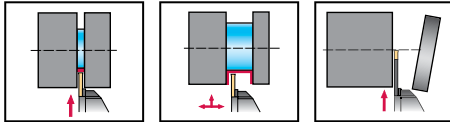
G1011 mm

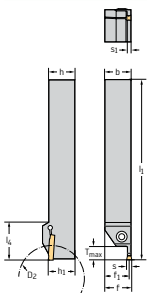
Walter Cut



A2

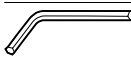
– Screw clamping



Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
 Square shank	Designation									
	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 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 [mm]	3–8
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

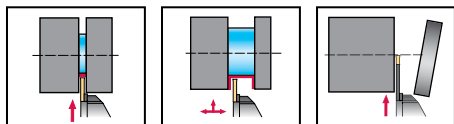
	s [mm]	3–8
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

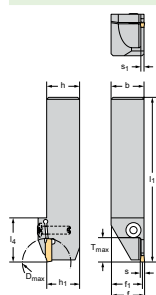
G1011

mm

Walter Cut



Tool



Square shank

Designation

s
mm

D_{max}
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
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 ..
G1011.2012R-3T21GX24		80	21	20	12	10,8	150	40	2,4	GX24-2F3 ..
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 ..
G1011.2020R-4T21GX24		80	21	20	20	18,3	150	40	3,4	GX24-3F4 ..
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 ..
G1011.2525R-5T21GX24		80	21	25	25	22,9	150	40	4,2	GX24-3F5 ..
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 ..
G1011.2012L-3T21GX24		80	21	20	12	10,8	150	40	2,4	GX24-2F3 ..
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 ..
G1011.2020L-4T21GX24		80	21	20	20	18,3	150	40	3,4	GX24-3F4 ..
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 ..
G1011.2525L-5T21GX24		80	21	25	25	22,9	150	40	4,2	GX24-3F5 ..
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	

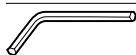
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

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)

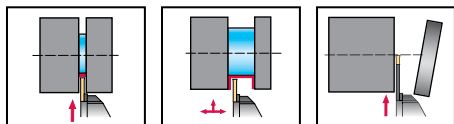
Shank tool – Radial grooving

G1011 inch

Walter Cut



– Screw clamping



Tool	Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₂ inch	s ₁ inch	Type
Square shank	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		0,472	0,750	0,750	0,646	5,709	1,378	0,205	
	G1011.16R-6T12GX24	0,315	0,472	1,000	1,000	0,898	5,709	1,378	0,205	GX30-5E8 ..
	G1011.16R-8T28GX30		1,102	1,000	1,000	0,882	6,496	2,165	0,24	
	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 = f₁ + 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

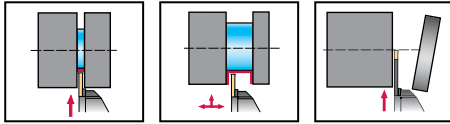
G1011 inch

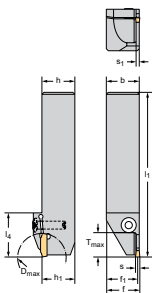
Walter Cut



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	
 Square shank	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 .. GX24-2F3 ..
	G1011.12R-3T21GX24		3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	
	G1011.16R-3T21GX24		3,150	0,827	1,000	1,000	0,953	5,906	1,575	0,094	
	G1011.20R-3T21GX24		3,937	0,827	1,250	1,250	1,205	5,906	1,575	0,094	
	G1011.12R-4T21GX24	0,157	3,150	0,827	0,750	0,750	0,685	5,906	1,575	0,134	GX24-3E4 .. GX24-3F4 ..
	G1011.16R-4T21GX24		3,150	0,827	1,000	1,000	0,933	5,906	1,575	0,134	
	G1011.20R-4T26GX24		3,937	1,024	1,250	1,250	1,181	6,142	1,811	0,134	
	G1011.16R-5T21GX24	0,197	3,150	0,827	1,000	1,000	0,917	5,906	1,575	0,165	GX24-3E5 .. GX24-3F5 ..
	G1011.16R-5T32GX24		4,724	1,260	1,000	1,000	0,917	6,496	2,165	0,165	
	G1011.20R-5T26GX24		3,937	1,024	1,250	1,250	1,167	6,142	1,811	0,165	
	G1011.12R-6T21GX24	0,236	3,150	0,827	0,750	0,750	0,646	5,906	1,575	0,205	GX24-4E6 ..
	G1011.16R-6T21GX24		3,150	0,827	1,000	1,000	0,898	5,906	1,575	0,205	
	G1011.16R-6T32GX24		4,724	1,260	1,000	1,000	0,898	6,496	2,165	0,205	
	G1011.20R-6T21GX24		3,937	0,827	1,250	1,250	1,148	5,906	1,575	0,205	
	G1011.20R-6T32GX24		5,512	1,260	1,250	1,250	1,148	6,496	2,165	0,205	
	G1011.12L-2T21GX24	0,079	3,150	0,827	0,750	0,750	0,72	5,906	1,575	0,063	GX24-1E2 ..
	G1011.16L-2T21GX24		3,150	0,827	1,000	1,000	0,97	5,906	1,575	0,063	
	G1011.10L-3T21GX24	0,118	3,150	0,827	0,625	0,625	0,578	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
	G1011.12L-3T21GX24		3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	
	G1011.16L-3T21GX24		3,150	0,827	1,000	1,000	0,953	5,906	1,575	0,094	
	G1011.20L-3T21GX24		3,937	0,827	1,250	1,250	1,205	5,906	1,575	0,094	
	G1011.12L-4T21GX24	0,157	3,150	0,827	0,750	0,750	0,685	5,906	1,575	0,134	GX24-3E4 .. GX24-3F4 ..
	G1011.16L-4T21GX24		3,150	0,827	1,000	1,000	0,933	5,906	1,575	0,134	
	G1011.20L-4T26GX24		3,937	1,024	1,250	1,250	1,181	6,142	1,811	0,134	
	G1011.16L-5T21GX24	0,197	3,150	0,827	1,000	1,000	0,917	5,906	1,575	0,165	GX24-3E5 .. GX24-3F5 ..
	G1011.16L-5T32GX24		4,724	1,260	1,000	1,000	0,917	6,496	2,165	0,165	
	G1011.20L-5T26GX24		3,937	1,024	1,250	1,250	1,167	6,142	1,811	0,165	
	G1011.12L-6T21GX24	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)

A2

Accessories

s [inch]

0,079–0,236



Torque screwdriver, analogue

FS2004



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

Shank tool – Radial grooving

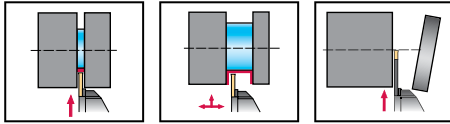
G1011...-P

Walter Cut

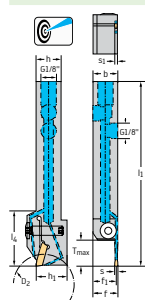


A2

- Screw clamping
- Precision cooling



Tool



Designation

G1011.1616R-4T12GX24-P

s
mm

4

 T_{max}
mm

12

 $h = h_1$
mm

16

b
mm

16

 f_1
mm

14,3

 l_1
mm

120

 l_4
mm

35

 s_1
mm

3,4

Type

GX24-3E4 ..
GX24-3F4 ..
GX24-3E4 ..
GX24-3F4 ..

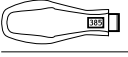
Square shank

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

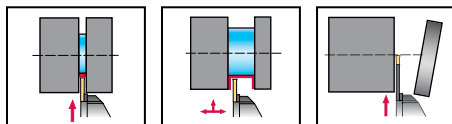
	s [mm]	4
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

G1011...-P

Walter Cut



- Screw clamping
- Precision cooling



Tool

1001	Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	h ₁ mm	l ₄ 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		32	25	25	22,9	145	55	4,2	
	G1011.2525R-6T12GX24-P	6	12	25	25	22,4	125	35	5,2	GX24-4E6 ..
	G1011.2525R-6T21GX24-P		21	25	25	22,4	130	40	5,2	
	G1011.2525R-6T32GX24-P		32	25	25	22,4	145	55	5,2	
	G1011.2525R-8T28GX30-P	8	28	25	25	22	145	55	6,1	GX30-5E8 ..
	G1011.3225R-8T28GX30-P		28	32	25	22	145	55	6,1	
	G1011.2525L-3T12GX24-P	3	12	25	25	23,8	125	35	2,4	GX24-2E3 .. GX24-2F3 ..
	G1011.2020L-4T12GX24-P	4	12	20	20	18,3	120	35	3,4	GX24-3E4 .. GX24-3F4 ..
	G1011.2020L-4T21GX24-P		21	20	20	18,3	125	40	3,4	
	G1011.2525L-4T12GX24-P		12	25	25	23,3	125	35	3,4	
	G1011.2525L-4T21GX24-P		21	25	25	23,3	130	40	3,4	
	G1011.2525L-4T32GX24-P		32	25	25	23,3	145	55	3,4	
	G1011.2020L-5T12GX24-P	5	12	20	20	17,9	120	35	4,2	GX24-3E5 .. GX24-3F5 ..
	G1011.2020L-5T21GX24-P		21	20	20	17,9	125	40	4,2	
	G1011.2525L-5T12GX24-P		12	25	25	22,9	125	35	4,2	
	G1011.2525L-5T21GX24-P		21	25	25	22,9	130	40	4,2	
	G1011.2525L-5T32GX24-P		32	25	25	22,9	145	55	4,2	
	G1011.2525L-6T12GX24-P	6	12	25	25	22,4	125	35	5,2	GX24-4E6 ..
	G1011.2525L-6T21GX24-P		21	25	25	22,4	130	40	5,2	
	G1011.2525L-6T32GX24-P		32	25	25	22,4	145	55	5,2	
	G1011.2525L-8T28GX30-P	8	28	25	25	22	145	55	6,1	GX30-5E8 ..
	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

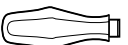
Assembly parts

Assembly parts		s [mm]	3-8
	Clamping screw for grooving insert		FS2118 (T20IP)
	Tightening torque		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)

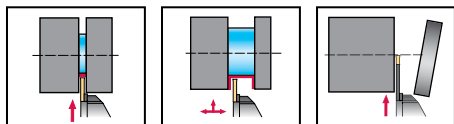
Shank tool – Radial grooving

G1011...-P mm

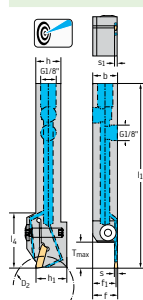
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s
mm

D_{max}
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
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 ..

G1011.1616R-3T21GX24-P

3

80

21

16

16

14,8

120

40

2,4

GX24-2F3 ..

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 ..

G1011.1616L-3T21GX24-P

3

80

21

16

16

14,8

120

40

2,4

GX24-2F3 ..

Square shank

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

Assembly parts

s [mm]

2–3


Clamping screw for grooving insert
Tightening torque

FS2118 (T20IP)
5 Nm


G 1/8" threaded plug

FS2258 (SW 2)



Allen key

FS1464 (T20IP)

Accessories

s [mm]

2–3



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

Shank tool – Radial grooving

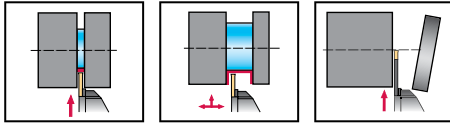
G1011...-P

Walter Cut

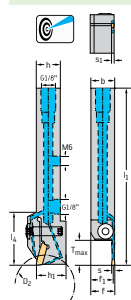


A2

- Screw clamping
- Precision cooling



Tool



Square shank

Designation

s
mmD_{max}
mmT_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
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	GX24-2E3 .. GX24-2F3 ..
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	GX34-3E4 ..
G1011.2525L-4T33GX34-P		140	33	25	25	23,4	145	53	3,3	
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	GX24-2E3 .. GX24-2F3 ..
G1011.2525L-3T33GX34-P		140	33	25	25	23,8	145	53	2,4	GX34-2E3 ..
G1011.2020L-4T33GX34-P	4	140	33	20	20	18,4	140	53	3,3	GX34-3E4 ..
G1011.2525L-4T33GX34-P		140	33	25	25	23,4	145	53	3,3	

Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online 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)

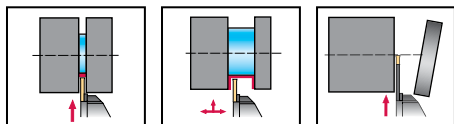
Shank tool – Radial grooving

G1011...-P inch

Walter Cut



- Screw clamping
- Precision cooling



Tool	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
 Square shank	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-4T12GX24-P		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
	G1011.16L-4T32GX24-P		1,260	1,000	1,000	0,933	5,906	2,165	0,134	
	G1011.12L-5T21GX24-P	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

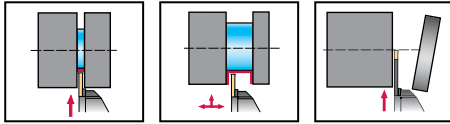
G1011...-P inch

Walter Cut

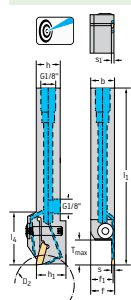


A2

- Screw clamping
- Precision cooling



Tool



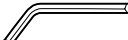
Square shank

Designation

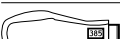
	s inch	D _{max} inch	T _{max} inch	h = h ₁ inch	b inch	f ₁ inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G1011.12R-3T21GX24-P	0,118	3,150	0,827	0,750	0,750	0,701	5,906	1,575	0,094	GX24-2E3 .. GX24-2F3 ..
G1011.12R-3T33GX34-P		5,512	1,299	0,750	0,750	0,703	5,906	2,087	0,094	GX34-2E3 ..
G1011.16R-3T12GX24-P		1,969	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	GX34-3E4 ..
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	GX34-3E4 ..
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)

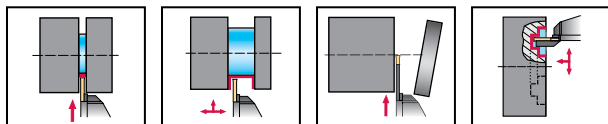
Shank tool – Universal

G1511

Walter Cut



– Screw clamping



Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	Type
	Designation								
	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

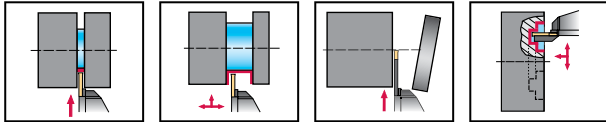
G1511...-P

Walter Cut

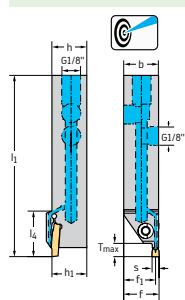


A2

- 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

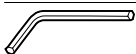
s [mm]

2 - 6

Clamping screw for grooving insert
Tightening torqueFS2118 (T20IP)
5 Nm

G 1/8" threaded plug

FS2258 (SW 2)



Allen key

FS1464 (T20IP)

Accessories

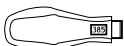
s [mm]

2 - 6



Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248



Interchangeable blade

FS2015 (T20IP)

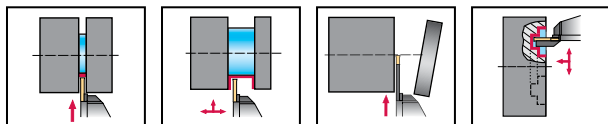
Shank tool – Universal

G1511...-P

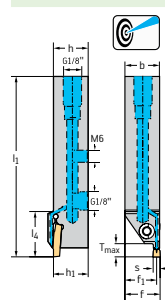
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
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

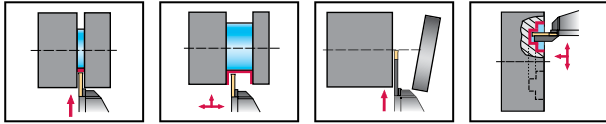
G1511 inch

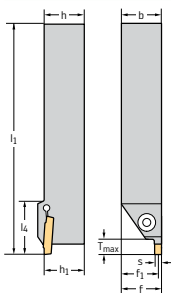
Walter Cut



A2

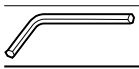
– Screw clamping



Tool		s	T _{max}	h = h ₁	b	f ₁	l ₁	l ₄	Type
Designation		inch	inch	inch	inch	inch	inch	inch	
	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)

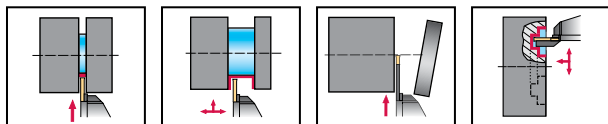
Shank tool – Universal

G1511...-P inch

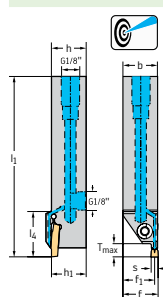
Walter Cut



- 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

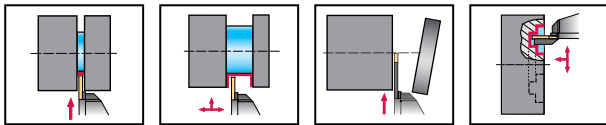
G1521

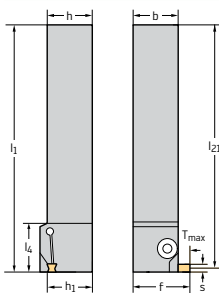
Walter Cut



A2

– Screw clamping



Tool		Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	l ₁ mm	l ₄ mm	f ₁ mm	l ₂₁ mm	Type
		G1521.2020R-T6GX24	2 - 6	6	20	20	137,85	27	26,5	134,9	GX24- ..
		G1521.2525R-T6GX24		6	25	25	137,85	27	31,5	134,9	
		G1521.2020L-T6GX24	2 - 6	6	20	20	137,85	27	26,5	134,9	GX24- ..
		G1521.2525L-T6GX24		6	25	25	137,85	27	31,5	134,9	

Square shank

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | For information on the smallest possible axial groove [D_{min}], see "Technical information" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	2 - 6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

	s [mm]	2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

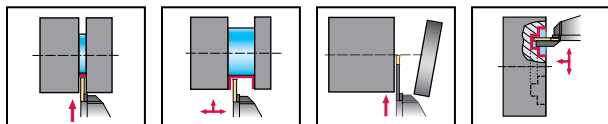
Shank tool – 90° universal

G1521 inch

Walter Cut



– Screw clamping



Tool		Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	l ₁ inch	l ₄ inch	f ₁ inch	l ₂₁ inch	Type
		G1521.12R-T6GX24	0,079 - 0,236	0,236	0,750	0,750	5,388	0,939	1,006	5,270	GX24- ..
		G1521.16R-T6GX24		0,236	1,000	1,000	5,443	0,994	1,256	5,325	
		G1521.16L-T6GX24	0,079 - 0,236	0,236	1,000	1,000	5,443	0,994	1,256	5,325	GX24- ..

Square shank

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | For information on the smallest possible axial groove [D_{min}], see "Technical information" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0.079 - 0.236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

	s [inch]	0.079 - 0.236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – 45° universal

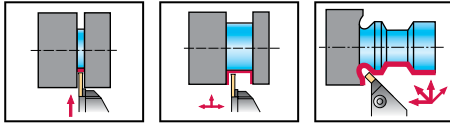
G1551

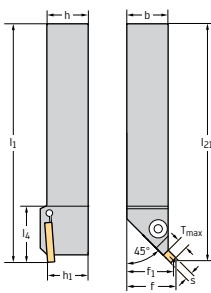
Walter Cut



A2

– Screw clamping



Tool		s mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	l ₂₁ mm	Type
	Designation									
	G1551.2020R-T6GX24	2 - 6	6	20	20	23,2	146,75	33,1	143,1	GX24- ..
	G1551.2525R-T6GX24		6	25	25	28,2	146,75	33,1	143,1	
	G1551.2020L-T6GX24	2 - 6	6	20	20	23,2	146,75	33,1	143,1	GX24- ..
	G1551.2525L-T6GX24		6	25	25	28,2	146,75	33,1	143,1	

Square shank

Dimensional drawing shows right-hand version. $f = f_1 + 0.707 \times s/2$ | $l_1 = l_{21} + 0.707 \times s/2$ | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts		
	s [mm]	2 - 6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories		
	s [mm]	2 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

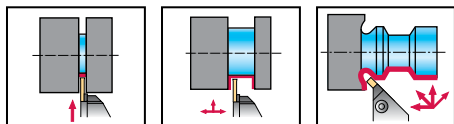
Shank tool – 45° universal

G1551 inch

Walter Cut



– Screw clamping



Tool		s	T _{max}	h = h ₁	b	f ₁	l ₁	l ₄	l ₂₁	Type
Designation		inch	inch	inch	inch	inch	inch	inch	inch	
	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	
	G1551.16L-T6GX24	0,079 - 0,236	0,236	1,000	1,000	1,122	5,778	1,301	5,632	GX24- ..

Square shank

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

Assembly parts

s [inch]		0.079 - 0.236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

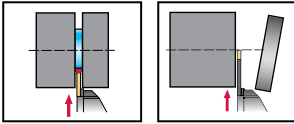
s [inch]		0.079 - 0.236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Deep parting blade

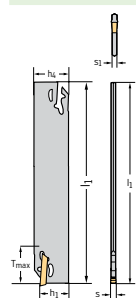
G1042 mm
Walter Cut


A2

– Self-clamping system



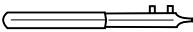
Tool



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
 Mounting wrench for grooving insert	FS1494

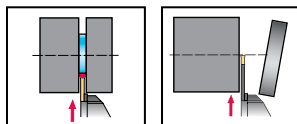
Reinforced parting blade

G1041

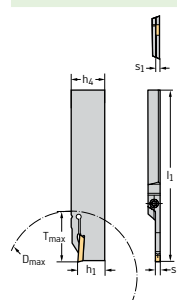
Walter Cut



– Screw clamping



Tool



Designation

Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G1041.26R-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

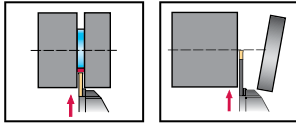
G1041...-P

Walter Cut

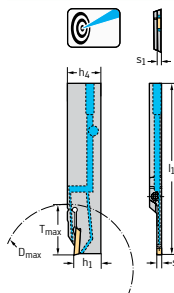


A2

- Screw clamping
- Precision cooling



Tool

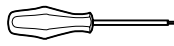
	Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	G1041.26R-3T23GX24-P	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
	G1041.32R-3T23GX24-P		23	46	32	110	24,6	2,2	
	G1041.32R-3T32GX24-P		32	65	32	110	24,6	2,2	GX34-2E3 ..
	G1041.32R-3T33GX34-P		33	65	32	110	24,6	2,4	
	G1041.32R-4T32GX24-P	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..
	G1041.32R-4T33GX34-P		33	65	32	110	24,6	3,3	GX34-3E4 ..
	G1041.26L-3T23GX24-P	3	23	46	26	110	21	2,2	GX24-2E3 .. GX24-2F3 ..
	G1041.32L-3T23GX24-P		23	46	32	110	24,6	2,2	
	G1041.32L-3T32GX24-P		32	65	32	110	24,6	2,2	GX34-2E3 ..
	G1041.32L-3T33GX34-P		33	65	32	110	24,6	2,4	
	G1041.32L-4T32GX24-P	4	32	65	32	110	24,6	3,1	GX24-3E4 .. GX24-3F4 ..

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

Assembly parts

	s [mm]	3-4
	Clamping screw for grooving insert Tightening torque	FS2164 (T15IP) 3,5 Nm

Accessories

	s [mm]	3-4
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

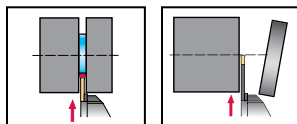
Reinforced parting blade – Contra

G1041...C

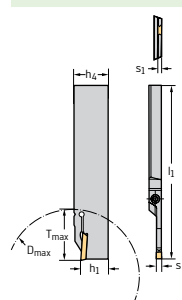
Walter Cut



– Screw clamping



Tool



Designation

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	4	32	65	32	110	24,6	2,2	GX24-3E4 .. GX24-3F4 ..
G1041.32R-4T32GX24C		32	65	32	110	24,6	3,1	
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	4	32	65	32	110	24,6	2,2	GX24-3E4 .. GX24-3F4 ..
G1041.32L-4T32GX24C		32	65	32	110	24,6	3,1	

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

Assembly parts

	s [mm]	2-4
	Clamping screw for grooving insert Tightening torque	FS2164 (T15IP) 3,5 Nm

Accessories

	s [mm]	2-4
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Reinforced parting blade – Contra

G1041...C-P

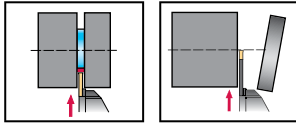
mm

Walter Cut

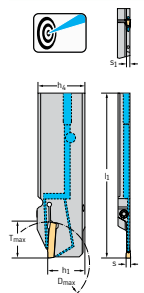


A2

- Screw clamping
- Precision cooling



Tool

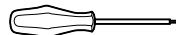
	Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	G1041.32R-2T23GX24C-P	2	23	46	32	110	24,6	1,5	GX24-1E2 ..
	G1041.26R-3T23GX24C-P	3	23	46	26	110	21	2,2	GX24-2E3 ..
	G1041.32R-3T23GX24C-P		23	46	32	110	24,6	2,2	GX24-2F3 ..
	G1041.32R-3T32GX24C-P		32	65	32	110	24,6	2,2	
	G1041.32R-3T33GX34C-P		33	65	32	110	24,6	2,4	GX34-2E3 ..
	G1041.32R-4T32GX24C-P	4	32	65	32	110	24,6	3,1	GX24-3E4 ..
	G1041.32R-4T33GX34C-P		33	65	32	110	24,6	3,3	GX34-3E4 ..
	G1041.32L-2T23GX24C-P	2	23	46	32	110	24,6	1,5	GX24-1E2 ..
	G1041.26L-3T23GX24C-P	3	23	46	26	110	21	2,2	GX24-2E3 ..
	G1041.32L-3T23GX24C-P		23	46	32	110	24,6	2,2	GX24-2F3 ..
	G1041.32L-3T32GX24C-P		32	65	32	110	24,6	2,2	
	G1041.32L-3T33GX34C-P		33	65	32	110	24,6	2,4	GX34-2E3 ..
	G1041.32L-4T32GX24C-P	4	32	65	32	110	24,6	3,1	GX24-3E4 ..
									GX24-3F4 ..

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

Assembly parts

	s [mm]	2–4
	Clamping screw for grooving insert Tightening torque	FS2164 (T15IP) 3,5 Nm

Accessories

	s [mm]	2–4
	Screwdriver for grooving insert	FS1485 (T15IP)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

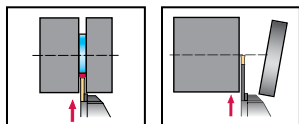
Deep parting blade

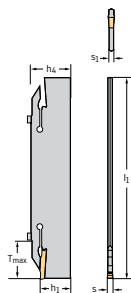
XLCFN

Walter Cut



– Screw clamping



Tool		s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	Designation							
	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

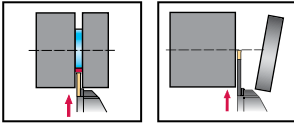
G1634-P

Walter Cut

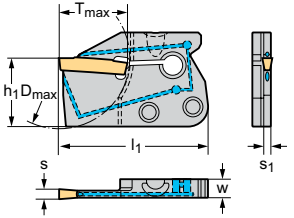


A2

- 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

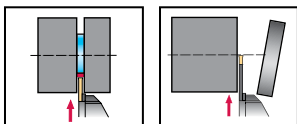
Grooving module – Radial grooving

G1634-P

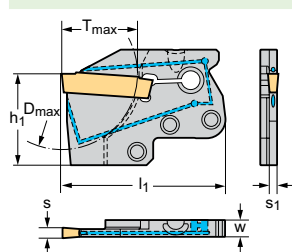
Walter Cut



- Screw clamping
- Replacement module



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₁
mm

W
mm

l₁
mm

s₁
mm

Type

G1634-43R-3T27GX34-P

3

27

52

24

7,2

55

2,4

GX34-2E3 ..

G1634-43R-3T33GX34-P

3

33

65

24

7,2

61

2,4

GX34-2E3 ..

G1634-43L-3T27GX34-P

3

27

52

24

7,2

55

2,4

GX34-2E3 ..

G1634-43L-3T33GX34-P

3

33

65

24

7,2

61

2,4

GX34-2E3 ..

G1634-43L-4T33GX34-P

4

33

65

24

7,2

61

3,3

GX34-3E4 ..

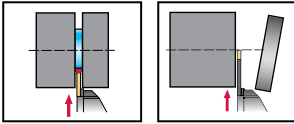
Dimensional drawing shows right-hand version. | If no D₂ or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Grooving module – Radial grooving

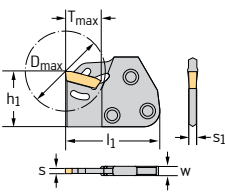
G1332 mm
Walter Cut


A2

- Self-clamping system
- Replacement module

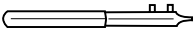


Tool

	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

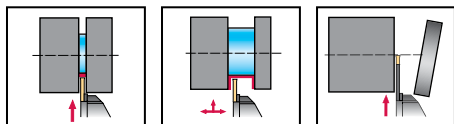
Grooving module – Radial grooving

MSS...E...

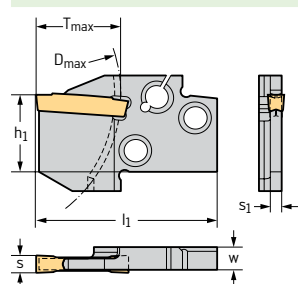
Walter Cut



– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₁
mm

W
mm

l₁
mm

s₁
mm

Module
size

Type

MSS-E20R03-GX16-2

0.6 - 3

3

63

16

4,4

33

2

E20

GX16-0E ..

MSS-E25R03-GX16-2

3

79

20

5,9

38

2

E25

GX16-1E ..

MSS-E32R03-GX16-2

3

100

25,5

5,9

45

2

E32

GX16-2E ..

MSS-E16R02-GX09-1

2

2

52

12,5

3,9

24

1,3

E16

GX09-1E ..

MSS-E16R07-GX09-1

7

52

12,5

3,9

24

1,3

E16

GX09-1E1 ..

MSS-E20R12-GX16-1

12

63

16

4,4

33

1,3

E20

GX16-1E2 ..

MSS-E25R12-GX16-1

12

79

20

5,9

38

1,3

E25

GX16-1E2 ..

MSS-E16R07-GX09-2

3

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

4 - 5

12

63

16

4,4

33

3

E20

GX16-3E ..

MSS-E25R12-GX16-3

12

79

20

5,9

38

3

E25

GX24-3E ..

GX24-3F ..

MSS-E25R21-GX24-3

21

79

20

5,9

47

3

E25

GX24-3E ..

GX24-3F ..

MSS-E32R12-GX16-3

12

100

25,5

5,9

45

3

E32

GX16-3E ..

MSS-E32R21-GX24-3

21

100

25,5

5,9

54

3

E32

GX24-3E ..

GX24-3F ..

MSS-E25R12-GX16-4

6

12

79

20

5,9

38

4,2

E25

GX16-4E6 ..

MSS-E25R21-GX24-4

21

79

20

5,9

47

4,2

E25

GX24-4E6 ..

MSS-E32R21-GX24-4

21

100

25,5

5,9

54

4,2

E32

GX24-4E6 ..

MSS-E25R21-GX24-5

8

21

79

20

5,9

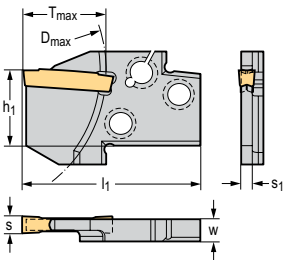
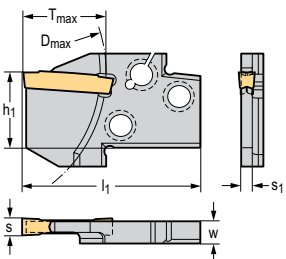
47

5,9

E25

GX24-5R ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Tool		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 ..
	MSS-E25L03-GX16-2		3	79	20	5,9	38	2	E25	GX16-1E ..
	MSS-E32L03-GX16-2		3	100	25,5	5,9	45	2	E32	GX16-2E ..
	MSS-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		12	63	16	4,4	33	1,3	E20	GX16-1E2 ..
	MSS-E25L12-GX16-1	3	12	79	20	5,9	38	1,3	E25	GX16-1E2 ..
	MSS-E16L07-GX09-2		7	52	12,5	3,9	24	2	E16	
	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	GX24-3E ..
	MSS-E25L21-GX24-3		21	79	20	5,9	47	3	E25	
										GX24-3F ..
	MSS-E32L12-GX16-3		12	100	25,5	5,9	45	3	E32	GX16-3E ..
	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	GX24-5R ..
	MSS-E25L21-GX24-5	8	21	79	20	5,9	47	5,9	E25	

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Shank tool – Axial grooving

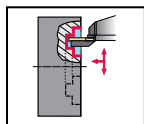
G1111

mm

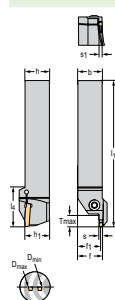
Walter Cut



– Screw clamping



Tool



Square shank

Designation

s
mm

T_{max}
mm

D_{min}
mm

D_{max}
mm

h = h₁
mm

b
mm

f₁
mm

l₁
mm

l₄
mm

s₁
mm

Type

G1111.2525R-3T12-034GX24

3

12

34

44

25

25

24,7

150

40

2,4

GX24-2E3 ..

G1111.2525R-3T12-042GX24

12

42

60

25

25

24,7

150

40

2,4

GX24-2F3 ..

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 ..

G1111.2525R-4T12-052GX24

12

52

72

25

25

24,1

150

40

3,3

GX24-3F4 ..

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 ..

G1111.2525R-5T12-060GX24

12

60

95

25

25

23,7

150

40

4,2

GX24-3F5 ..

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

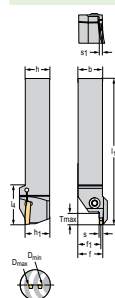
23,7

156

46

4,2

Tool



Square shank

Designation

s
mmT_{max}
mmD_{min}
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
mm

Type

G1111.2525R-6T25-088GX24	6	25	88	180	25	25	23,2	156	46	5	GX24-4E6 ..
G1111.2525R-6T25-168GX24		25	168	400	25	25	23,2	156	46	5	
G1111.2525L-3T12-034GX24	3	12	34	44	25	25	24,7	150	40	2,4	GX24-2E3 .. GX24-2F3 ..
G1111.2525L-3T12-042GX24		12	42	60	25	25	24,7	150	40	2,4	
G1111.2525L-3T12-054GX24		12	54	75	25	25	24,6	150	40	2,4	
G1111.2525L-3T12-067GX24		12	67	100	25	25	24,6	150	40	2,4	
G1111.2525L-3T12-090GX24		12	90	160	25	25	24,6	150	40	2,4	
G1111.2525L-3T12-130GX24		12	130	300	25	25	24,6	150	40	2,4	
G1111.2525L-3T19-054GX24		19	54	75	25	25	24,7	152	42	2,4	
G1111.2525L-3T22-067GX24		22	67	100	25	25	24,7	154	44	2,4	
G1111.2525L-3T22-090GX24		22	90	160	25	25	24,6	154	44	2,4	
G1111.2525L-3T22-130GX24		22	130	300	25	25	24,6	154	44	2,4	
G1111.2525L-4T12-040GX24	4	12	40	60	25	25	24,1	150	40	3,3	GX24-3E4 .. GX24-3F4 ..
G1111.2525L-4T12-052GX24		12	52	72	25	25	24,1	150	40	3,3	
G1111.2525L-4T12-064GX24		12	64	100	25	25	24,1	150	40	3,3	
G1111.2525L-4T12-092GX24		12	92	140	25	25	24,1	150	40	3,3	
G1111.2525L-4T12-132GX24		12	132	230	25	25	24,1	150	40	3,3	
G1111.2525L-4T12-220GX24		12	220	500	25	25	24,1	150	40	3,3	
G1111.2525L-4T20-040GX24		20	40	60	25	25	24,3	152	42	3,3	
G1111.2525L-4T20-052GX24		20	52	72	25	25	24,2	152	42	3,3	
G1111.2525L-4T25-064GX24		25	64	100	25	25	24,1	156	46	3,3	
G1111.2525L-4T25-092GX24		25	92	140	25	25	24,1	156	46	3,3	
G1111.2525L-4T25-132GX24		25	132	230	25	25	24,1	156	46	3,3	
G1111.2525L-4T25-220GX24		25	220	500	25	25	24,1	156	46	3,3	
G1111.2525L-5T12-040GX24	5	12	40	70	25	25	23,7	150	40	4,2	GX24-3E5 .. GX24-3F5 ..
G1111.2525L-5T12-060GX24		12	60	95	25	25	23,7	150	40	4,2	
G1111.2525L-5T12-085GX24		12	85	130	25	25	23,7	150	40	4,2	
G1111.2525L-5T12-120GX24		12	120	180	25	25	23,7	150	40	4,2	
G1111.2525L-5T12-175GX24		12	175	500	25	25	23,6	150	40	4,1	
G1111.2525L-5T20-040GX24		20	40	70	25	25	23,8	152	42	4,2	
G1111.2525L-5T20-060GX24		20	60	95	25	25	23,7	152	42	4,2	
G1111.2525L-5T25-085GX24		25	85	130	25	25	23,7	156	46	4,2	
G1111.2525L-5T25-120GX24		25	120	180	25	25	23,7	156	46	4,2	
G1111.2525L-5T25-175GX24		25	175	500	25	25	23,2	156	46	4,2	
G1111.2525L-6T12-040GX24	6	12	40	70	25	25	23,2	150	40	5	GX24-4E6 ..
G1111.2525L-6T12-058GX24		12	58	100	25	25	23,2	150	40	5	
G1111.2525L-6T12-088GX24		12	88	180	25	25	23,2	150	40	5	
G1111.2525L-6T12-168GX24		12	168	400	25	25	23,2	150	40	5	
G1111.2525L-6T20-040GX24		20	40	70	25	25	23,3	152	42	5	
G1111.2525L-6T25-058GX24		25	58	100	25	25	23,2	156	46	5	
G1111.2525L-6T25-088GX24		25	88	180	25	25	23,2	156	46	5	
G1111.2525L-6T25-168GX24		25	168	400	25	25	23,2	156	46	5	

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

Assembly parts

s [mm]
h = h₁ [mm]3-6
25Clamping screw for grooving insert
Tightening torqueFS2118 (T20IP)
5 Nm

Allen key

FS1464 (T20IP)

Accessories

s [mm]
h = h₁ [mm]3-6
25

Torque screwdriver, analogue

FS2003



Torque screwdriver, digital

FS2248

A2

Accessories

s [mm]
h = h₁ [mm]

3-6
25



Interchangeable blade

FS2015 (T20IP)

Shank tool – Axial grooving

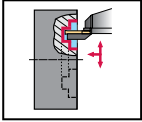
G1111...-P

Walter Cut

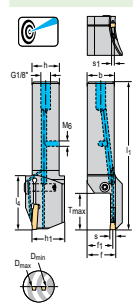


A2

- Precision cooling
- Screw clamping



Tool



Designation

s
mmT_{max}
mmD_{min}
mmD_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
mm

Type

G1111.2525R-5T33060GX24P

5

33

60

95

25

25

23,7

145

50

4,2

GX24-3E5 ..

G1111.2525R-5T33085GX24P

33

85

130

25

25

23,7

145

50

4,2

GX24-3F5 ..

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 ..

G1111.2525L-5T33085GX24P

33

85

130

25

25

23,7

145

50

4,2

GX24-3F5 ..

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 torqueFS2118 (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)

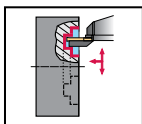
Shank tool – Axial grooving

G1111 inch

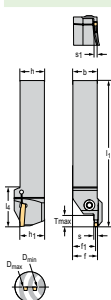
Walter Cut



– 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-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-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	

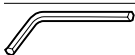
Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [inch]
h = h₁ [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 = h ₁ [inch]	0,118–0,236 1
	Torque screwdriver, analogue		FS2004
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2015 (T20IP)

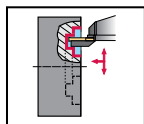
Grooving module – Axial grooving

MSS...E...A

Walter Cut



– Screw clamping

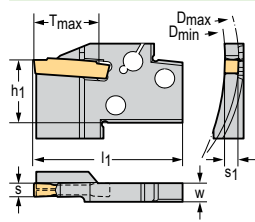


Tool

	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	
	MSS-E32R15-GX24-3A150300		15	150	300	25,5	5,9	54	3	E32	
	MSS-E32R15-GX24-3A70100		15	70	100	25,5	5,9	54	3	E32	
	MSS-E25R15-GX24-4A100150	6	15	100	150	20	5,9	47	4,2	E25	GX24-4E6 ..
	MSS-E25R15-GX24-4A150300		15	150	300	20	5,9	47	4,2	E25	
	MSS-E25R15-GX24-4A5070		15	50	70	20	5,9	47	4,2	E25	
	MSS-E25R15-GX24-4A70100		15	70	100	20	5,9	47	4,2	E25	
	MSS-E32R15-GX24-4A100150		15	100	150	25,5	5,9	54	4,2	E32	
	MSS-E32R15-GX24-4A150300		15	150	300	25,5	5,9	54	4,2	E32	
	MSS-E32R15-GX24-4A300900		15	300	900	25,5	5,9	54	4,2	E32	
	MSS-E32R15-GX24-4A70100		15	70	100	25,5	5,9	54	4,2	E32	
	MSS-E20L14-GX24-2A100150	3	14	100	150	16	4,4	42	2	E20	GX24-2E3 .. GX24-2F3 ..
	MSS-E20L14-GX24-2A5070		14	50	70	16	4,4	42	2	E20	
	MSS-E20L14-GX24-2A70100		14	70	100	16	4,4	42	2	E20	
	MSS-E25L15-GX24-2A100150		15	100	150	20	5,9	47	2	E25	
	MSS-E25L15-GX24-2A5070		15	50	70	20	5,9	47	2	E25	
	MSS-E25L15-GX24-2A70100		15	70	100	20	5,9	47	2	E25	
	MSS-E25L15-GX24-3A100150	4 - 5	15	100	150	20	5,9	47	3	E25	GX24-3E .. GX24-3F ..
	MSS-E25L15-GX24-3A150300		15	150	300	20	5,9	47	3	E25	
	MSS-E25L15-GX24-3A5070		15	50	70	20	5,9	47	3	E25	
	MSS-E25L15-GX24-3A70100		15	70	100	20	5,9	47	3	E25	
	MSS-E32L15-GX24-3A100150		15	100	150	25,5	5,9	54	3	E32	
	MSS-E32L15-GX24-3A150300		15	150	300	25,5	5,9	54	3	E32	
	MSS-E32L15-GX24-3A70100		15	70	100	25,5	5,9	54	3	E32	
	MSS-E25L15-GX24-4A100150	6	15	100	150	20	5,9	47	4,2	E25	GX24-4E6 ..
	MSS-E25L15-GX24-4A150300		15	150	300	20	5,9	47	4,2	E25	
	MSS-E25L15-GX24-4A5070		15	50	70	20	5,9	47	4,2	E25	
	MSS-E25L15-GX24-4A70100		15	70	100	20	5,9	47	4,2	E25	
	MSS-E32L15-GX24-4A100150		15	100	150	25,5	5,9	54	4,2	E32	
	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



Designation

MSS-E32L15-GX24-4A300900
MSS-E32L15-GX24-4A70100

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
6	15	300	900	25,5	5,9	54	4,2	E32	GX24-4E6 ..
	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

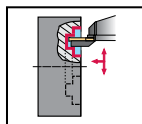
MSS...E...C

mm

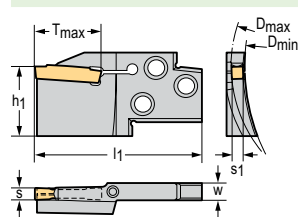
Walter Cut



– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{min}
mm

D_{max}
mm

h₁
mm

W
mm

l₁
mm

s₁
mm

Module
size

Type

MSS-E25R21-GX24-3C100150

4 - 5

21

100

150

20

6,2

60

3

E25

GX24-3E ..

MSS-E25R21-GX24-3C150300

21

150

300

20

6,2

60

3

E25

GX24-3F ..

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 ..

MSS-E25L21-GX24-3C150300

21

150

300

20

6,2

60

3

E25

GX24-3F ..

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

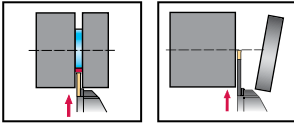
G2012 mm

Walter Cut

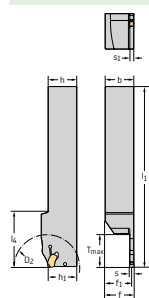


A2

– Self-clamping system



Tool

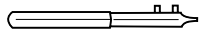


Designation	s mm	D ₂ mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
G2012.2020R-1.5T15SX	1,5	38	15	20	20	19,4	120	25	1,2	SX-1E1
G2012.2525R-2T26SX	2	52	26	25	25	24,2	146	36	1,6	SX-2E2
G2012.2525R-3T33SX	3	65	33	25	25	23,8	150	43	2,5	SX-3E3
G2012.2020L-1.5T15SX	1,5	38	15	20	20	19,4	120	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

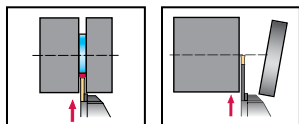
Shank tool – Radial grooving

G2012...-P mm

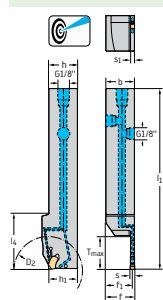
Walter Cut



- Self-clamping system
- Precision cooling



Tool



Square shank

Designation	s mm	D ₂ mm	T _{max} mm	h = h ₁ mm	b mm	f ₁ mm	l ₁ mm	l ₄ mm	s ₁ mm	Type
G2012.1212R-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 D_2 , see "Technical information – Grooving" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]	2–3
G 1/8" threaded plug	FS2258 (SW 2)

Accessories

s [mm] h = h ₁ [mm]	2–3 12–16	3 16
Mounting wrench for grooving insert	FS2249	FS2249

Shank tool – Radial grooving

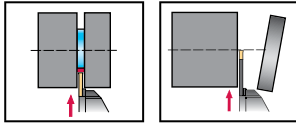
G2012...-P mm

Walter Cut

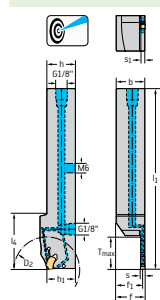


A2

- Self-clamping system
- Precision cooling



Tool



Square shank

Designation

s
mmD₂
mmT_{max}
mmh = h₁
mmb
mmf₁
mml₁
mml₄
mms₁
mm

Type

G2012.2020R-2T20SX-P	2	68	20	20	20	19,2	120	36	1,6	SX-2E2
G2012.2020R-3T22SX-P	3	68	22	20	20	18,8	125	38	2,5	SX-3E3
G2012.2020R-3T33SX-P		68	33	20	20	18,8	120	38	2,5	
G2012.2525R-3T33SX-P		68	33	25	25	23,8	130	45	2,5	
G2012.2020R-4T33SX-P	4		33	20	20	18,3	130	48	3,4	SX-4E4
G2012.2525R-4T33SX-P			33	25	25	23,3	130	48	3,4	
G2012.2525R-5T40SX-P	5		40	25	25	22,9	145	52	4,3	SX-5E5
G2012.2525R-6T40SX-P	6		40	25	25	22,4	145	52	5,3	SX-6E6
G2012.2020L-2T20SX-P	2	68	20	20	20	19,2	120	36	1,6	SX-2E2
G2012.2020L-3T22SX-P	3	68	22	20	20	18,8	125	38	2,5	SX-3E3
G2012.2020L-3T33SX-P		68	33	20	20	18,8	120	38	2,5	
G2012.2525L-3T33SX-P		68	33	25	25	23,8	130	48	2,5	
G2012.2020L-4T33SX-P	4		33	20	20	18,3	130	48	3,4	SX-4E4
G2012.2525L-4T33SX-P			33	25	25	23,3	130	48	3,4	
G2012.2525L-5T40SX-P	5		40	25	25	22,9	145	52	4,3	SX-5E5
G2012.2525L-6T40SX-P	6		40	25	25	22,4	145	52	5,3	SX-6E6

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | For T_{max} with diameters greater than 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]

2–6

h = h₁ [mm]

20–25



Mounting wrench for grooving insert

FS1494

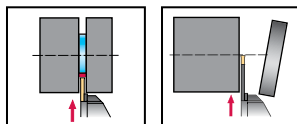
Shank tool – Radial grooving

G2012 inch

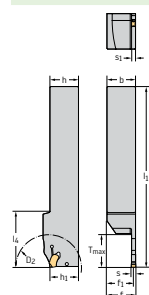
Walter Cut



– Self-clamping system



Tool

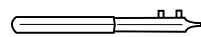


Designation	s inch	D ₂ inch	T _{max} inch	h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	s ₁ inch	Type
G2012.12R-1.5T15SX	0,059	1,496	0,591	0,750	0,750	0,726	4,724	0,984	0,047	SX-1E1
G2012.16R-2T26SX	0,079	2,047	1,024	1,000	1,000	0,969	5,748	1,417	0,061	SX-2E2
G2012.16R-3T33SX	0,118	2,559	1,299	1,000	1,000	0,952	5,906	1,693	0,096	SX-3E3
G2012.12L-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]	0,059 0,75	0,079–0,118 1
Mounting wrench for grooving insert	FS2249	FS1494

Shank tool – Radial grooving

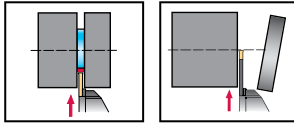
G2012...-P inch

Walter Cut



A2

– Precision cooling



Tool

Square shank

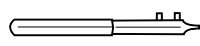
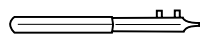
G2012.08R-2T16SX-P	0,079	1,496	0,630	0,500	0,500	0,469	4,724	0,984	0,063	SX-2E2
G2012.10R-2T16SX-P		1,496	0,630	0,625	0,625	0,594	4,724	0,984	0,063	
G2012.12R-2T20SX-P		2,677	0,787	0,750	0,750	0,720	5,906	1,417	0,063	
G2012.10R-3T16SX-P	0,118	1,496	0,630	0,625	0,625	0,577	4,724	0,984	0,096	SX-3E3
G2012.12R-3T22SX-P		2,677	0,866	0,750	0,750	0,702	5,906	1,496	0,096	
G2012.12R-3T33SX-P		2,677	1,299	0,750	0,750	0,702	5,906	1,496	0,096	
G2012.16R-3T33SX-P	0,157	2,677	1,299	1,000	1,000	0,952	5,906	1,890	0,096	SX-4E4
G2012.12R-4T29SX-P			1,142	0,750	0,750	0,683	5,906	1,732	0,134	
G2012.16R-4T33SX-P			1,299	1,000	1,000	0,933	5,906	1,890	0,134	
G2012.16R-5T40SX-P	0,197		1,575	1,000	1,000	0,915	5,906	2,047	0,169	SX-5E5
G2012.16R-6T40SX-P	0,236		1,575	1,000	1,000	0,896	5,906	2,047	0,209	SX-6E6
G2012.08L-2T16SX-P	0,079	1,496	0,630	0,500	0,500	0,469	4,724	0,984	0,063	SX-2E2
G2012.10L-2T16SX-P		1,496	0,630	0,625	0,625	0,594	4,724	0,984	0,063	
G2012.12L-2T20SX-P		2,677	0,787	0,750	0,750	0,720	5,906	1,417	0,063	
G2012.10L-3T16SX-P	0,118	1,496	0,630	0,625	0,625	0,577	4,724	0,984	0,096	SX-3E3
G2012.12L-3T22SX-P		2,677	0,866	0,750	0,750	0,702	5,906	1,496	0,096	
G2012.12L-3T33SX-P		2,677	1,299	0,750	0,750	0,702	5,906	1,496	0,096	
G2012.16L-3T33SX-P	0,157	2,677	1,299	1,000	1,000	0,952	5,906	1,890	0,096	SX-4E4
G2012.12L-4T29SX-P			1,142	0,750	0,750	0,683	5,906	1,732	0,134	
G2012.16L-4T33SX-P			1,299	1,000	1,000	0,933	5,906	1,890	0,134	
G2012.16L-5T40SX-P	0,197		1,575	1,000	1,000	0,915	5,906	1,890	0,169	SX-5E5
G2012.16L-6T40SX-P	0,236		1,575	1,000	1,000	0,896	5,906	2,047	0,209	SX-6E6

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | For T_{max} with diameters greater than D_2 , see "Technical information – Grooving" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0,079–0,236
	1/8" threaded plug	FS2258 (SW 2)

Accessories

	s [inch] h = h ₁ [inch]	0,079–0,118 0,5–0,625	0,079–0,236 0,75–1
	Mounting wrench for grooving insert		FS1494
	Mounting wrench for grooving insert	FS2249	

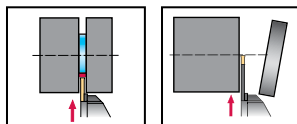
Deep parting blade

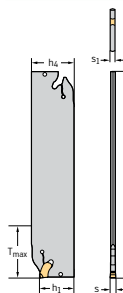
G2042...N

Walter Cut



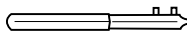
– Self-clamping system



Tool		s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
	Designation							
	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

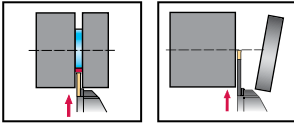
mm

Walter Cut

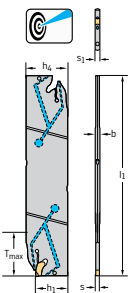


A2

- Self-clamping system
- Precision cooling



Tool

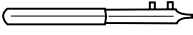
	Designation	s mm	T _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	b mm	Type
	G2042.26N-3T38SX-P	3	38	26	131	20,8	2,4	3,5	SX-3E3
	G2042.32N-3T45SX-P		45	32	151	24,5	2,4	3,5	

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]	
		
Coolant transfer insert		FS2282

Accessories

	s [mm]	
		
Mounting wrench for grooving insert		FS1494

A2

Deep parting blade

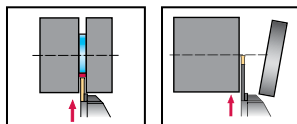
G2042...N...-P

mm

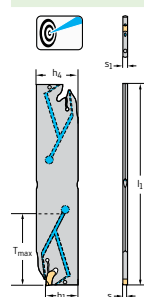
Walter Cut



- Self-clamping system
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

h₄
mm

l₁
mm

h₁
mm

s₁
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

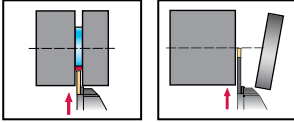
G2042...R/L mm

Walter Cut

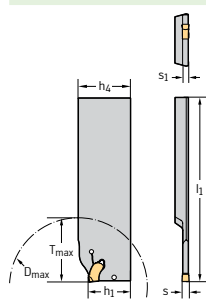


A2

– Self-clamping system



Tool

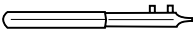


Designation

Designation	s mm	T _{max} mm	D _{max} mm	h ₄ mm	l ₁ mm	h ₁ mm	s ₁ mm	Type
G2042.26R-1.5T20SX	1,5	20	40	26	110	21	1,2	SX-1E1
G2042.32R-1.5T20SX		20	40	32	110	24,7	1,2	
G2042.26R-2T26SX	2	26	52	26	110	21	1,6	SX-2E2
G2042.32R-2T26SX		26	52	32	110	24,7	1,6	
G2042.26R-3T33SX	3	33	65	26	110	21	2,4	SX-3E3
G2042.32R-3T33SX		33	65	32	110	24,7	2,4	
G2042.32R-4T33SX	4	33	65	32	110	24,7	3,4	SX-4E4
G2042.26L-1.5T20SX	1,5	20	52	26	110	21	1,2	SX-1E1
G2042.32L-1.5T20SX		20	40	32	110	24,7	1,2	
G2042.26L-2T26SX	2	26	52	26	110	21	1,6	SX-2E2
G2042.32L-2T26SX		26	52	32	110	24,7	1,6	
G2042.26L-3T33SX	3	33	52	26	110	21	2,4	SX-3E3
G2042.32L-3T33SX		33	65	32	110	24,7	2,4	
G2042.32L-4T33SX	4	33	65	32	110	24,7	3,4	SX-4E4

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

	s [mm]	1,5	2-4
	Mounting wrench for grooving insert	FS2249	FS1494

Reinforced parting blade

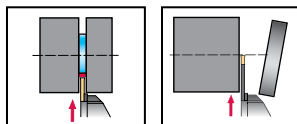
G2042...R/L...-P

mm

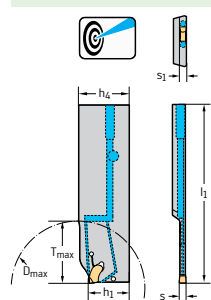
Walter Cut



- Self-clamping system
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

h₄
mm

l₁
mm

h₁
mm

s₁
mm

Type

G2042.32R-2T26SX-P

2

26

52

32

110

24,7

1,6

SX-2E2

G2042.26R-3T33SX-P

3

33

65

26

110

21

2,4

SX-3E3

G2042.32R-3T33SX-P

3

33

65

32

110

24,7

2,4

SX-4E4

G2042.32R-4T33SX-P

4

33

65

32

110

24,7

3,4

SX-4E4

G2042.32L-2T26SX-P

2

26

52

32

110

24,7

1,6

SX-2E2

G2042.26L-3T33SX-P

3

33

65

26

110

21

2,4

SX-3E3

G2042.32L-3T33SX-P

3

33

65

32

110

24,7

2,4

SX-4E4

G2042.32L-4T33SX-P

4

33

65

32

110

24,7

3,4

SX-4E4

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

Accessories

s [mm]

2-4



Mounting wrench for grooving insert

FS1494

Reinforced parting blade – Contra

G2042...R/L...C

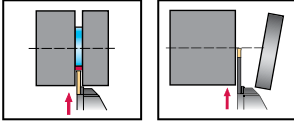
Walter Cut

mm

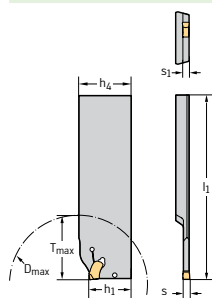


A2

– Self-clamping system



Tool



Designation

s
mmT_{max}
mmD_{max}
mml₁
mms₁
mm

Type

G2042.32R-4T33SX-C

4

33

65

110

3,4

SX-4E4

G2042.32L-4T33SX-C

4

33

65

110

3,4

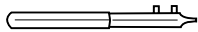
SX-4E4

Dimensional drawing shows right-hand version. | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Accessories

s [mm]

4



Mounting wrench for grooving insert

FS1494

Reinforced parting blade – Contra

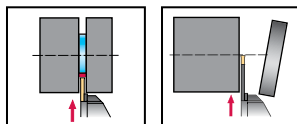
G2042...R/L...C-P

Walter Cut

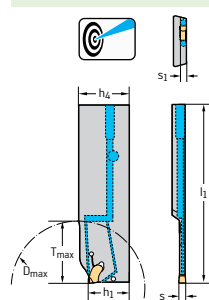
mm



- Self-clamping system
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

D_{max}
mm

l₁
mm

s₁
mm

Type

G2042.26R-2T26SX-C-P

2

26

52

110

1,6

SX-2E2

G2042.32R-2T26SX-C-P

2

26

52

110

1,6

SX-2E2

G2042.26R-3T33SX-C-P

3

33

65

110

2,4

SX-3E3

G2042.32R-3T33SX-C-P

3

33

65

110

2,4

SX-3E3

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

2

26

52

110

1,6

SX-2E2

G2042.26L-3T33SX-C-P

3

33

65

110

2,4

SX-3E3

G2042.32L-3T33SX-C-P

3

33

65

110

2,4

SX-3E3

G2042.32L-4T33SX-C-P

4

33

65

110

3,4

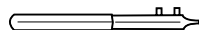
SX-4E4

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

Accessories

s [mm]

2–4



Mounting wrench for grooving insert

FS1494

Shank tool – modular

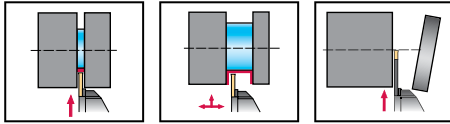
MSS-...00

Walter Cut

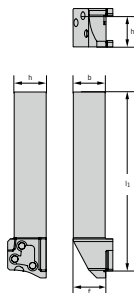
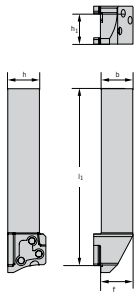


A2

– Screw clamping



Tool

	Designation	h = h ₁ mm	b mm	f mm	h ₁ mm	Module size
	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						
	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)

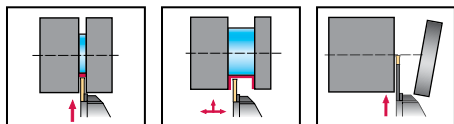
Shank tool – modular

MSS-...00 inch

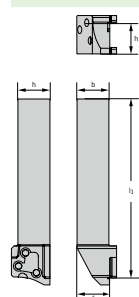
Walter Cut



– Screw clamping



Tool



Square shank

Designation

 $h = h_1$
inch

b
inch

f
inch

 l_1
inch

Module size

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

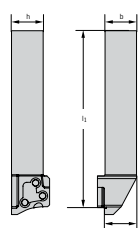
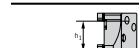
1,250

1,000

1,22

6,717

E32



Square shank

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


Screw for grooving module
Tightening torque

E16

FS1052 (T15)
1,475 lbs

E20

FS1053 (T15)
1,475 lbs

E25

FS1054 (T20)
2,213 lbs

E32

FS1055 (T25)
2,213 lbs


Handle key

FS1047 (T15)

FS1047 (T15)

FS1048 (T20)

FS1049 (T25)

Shank tool – modular

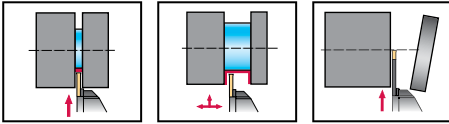
MSS-...90 mm

Walter Cut

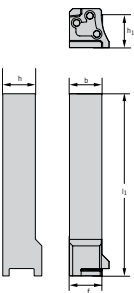
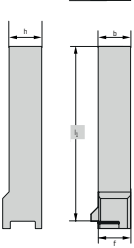


A2

– Screw clamping



Tool

	Designation	h = h ₁ mm	b mm	f mm	l ₁ mm	Module size
	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
	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

 $l_1 = l_{21} + s/2$ | 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)

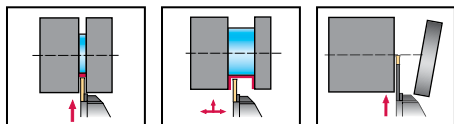
Shank tool – modular

MSS-...90 inch

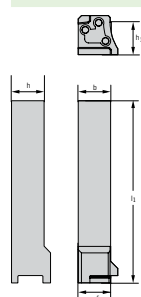
Walter Cut



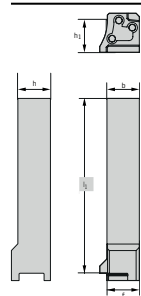
– Screw clamping



Tool



Square shank



Square shank

Designation

h = h₁
inch

b
inch

f
inch

l₁
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

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

 $l_1 = l_{21} + s/2$ | 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



Screw for grooving module

E20

E25

E32

FS1054 (T20)
2,213 lbs

FS1055 (T25)
2,213 lbs


Handle key

FS1048 (T20)

FS1049 (T25)

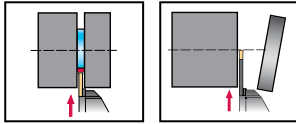
Grooving module – Radial grooving

G2632-E...R/L...-SX mm

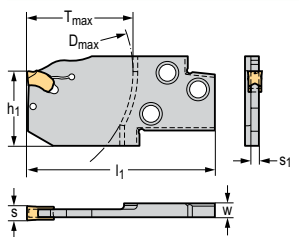
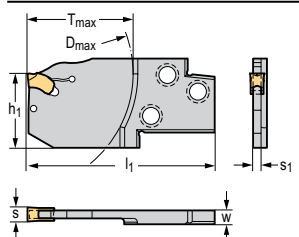
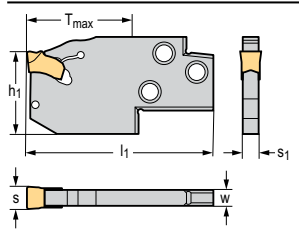
Walter Cut



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	6	45	90	5,9	80	4,3	E32	SX-6E6
	G2632-E25R-6T35SX		35	80	5,9	63	5,3	E25	
	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-E32L-3T45SX		45	90	5,9	80	2,4	E32	
	G2632-E20L-4T20SX		20	65	4,4	42	3,4	E20	
	G2632-E25L-4T35SX	5	35	80	5,9	63	3,4	E25	SX-5E5
	G2632-E32L-4T45SX		45	90	5,9	80	3,4	E32	
	G2632-E25L-5T35SX	6	35	80	5,9	63	4,3	E25	SX-6E6
	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

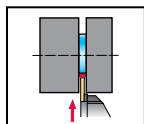
Shank tool – Radial grooving

G2016...-P

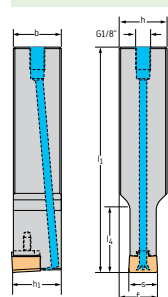
Walter Cut



- Screw clamping
- Precision cooling



Tool



Square shank

Designation	s mm	T _{max} mm	h = h ₁ mm	b mm	f mm	l ₁ mm	l ₄ mm	Type
G2016-2525N-12T40UX-P	12	41	25	25	19	150	53	UX-12E12 ..
G2016-3232N-19T40UX-P	19	41	32	32	22,5	150	53	UX-19E19 ..

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

Assembly parts

s [mm]	12	19
Clamping screw for grooving insert Tightening torque	FS2081 (T15IP) 4 Nm	FS2588 (T20IP) 5 Nm
G 1/8" threaded plug	FS2258 (SW 2)	FS2258 (SW 2)
Torx key	FS1465 (T15IP)	
Allen key		FS1464 (T20IP)

Accessories

s [mm]	12	19
Torque screwdriver, analogue	FS2003	FS2003
Torque screwdriver, digital	FS2248	FS2248
Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)

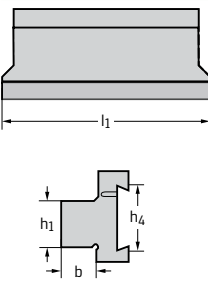
Clamping block

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

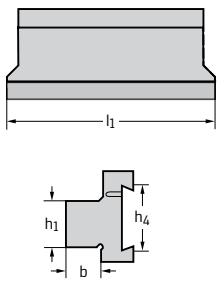
Assembly parts				
	h_1 [mm]	20-25	32	40
	Clamping screw	M06X025 ISO4762 12.9 (SW 5)	M06X025 ISO4762 12.9 (SW 5)	M08X035 ISO4762 12.9 (SW 6)

Clamping block

SBN inch

Walter Cut



Tool					
	Designation	h_4	h_1 inch	b inch	l_1 inch
	SBN12-26K-E	26	0,750	0,750	3,543
	SBN12-26KS-E	26	0,750	0,750	3,543
	SBN16-32-K-E	32	1,000	1,000	4,331
	SBN16-32KS-E	32	1,000	1,000	4,331
	SBN20-32K-E	32	1,250	1,250	4,724
	SBN20-32KS-E	32	1,250	1,250	4,724
Square shank					
Assembly parts					
	h_1 [inch]	0,75-1,25			
	Clamping screw	M06X025 ISO4762 12.9 (SW 5)			

Clamping block with internal coolant

G2661...-P mm

Walter Cut

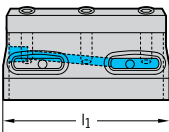


A2

- Precision cooling
- Clamping block for parting blades



Tool



Designation

h₄

h
mm

b
mm

l₁
mm

G2661-1616N-26-P

26

16

16

95

G2661-2020N-26-P

26

20

20

95

G2661-2020N-32-P

32

20

20

95

G2661-2525N-32-P

32

25

25

95

G2661-3225N-32-P

32

32

25

95

G2661-3225N-52-P

52

32

25

140

G2661-4032N-52-P

52

40

32

140

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

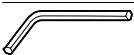


G 1/8" threaded plug

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

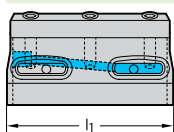
Walter Cut



- Precision cooling
- Clamping block for parting blades



Tool



Designation

h₄

h
inch

b
inch

l₁
inch

G2661.12N-26-P

26

0,750

0,750

3,74

G2661.12N-32-P

32

0,750

0,750

3,74

G2661.16N-26-P

26

1,000

1,000

3,74

G2661.16N-32-P

32

1,000

1,000

3,74

G2661.20N-32-P

32

1,250

1,250

3,74

G2661.20N-52-P

52

1,250

1,250

5,512

G2661.24N-52-P

52

1,500

1,500

5,512

Square shank

For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | The maximum recommended coolant pressure is 80 bar (1160 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

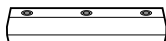
Assembly parts

h [inch]

0,75-1

1,25

1,5



Clamping wedge

PK260

PK260

PK263



Clamping screw

M06X020 ISO4762 12.9
(SW 5)

M06X020 ISO4762 12.9
(SW 5)

M08X025 ISO4762 12.9
(SW 6)


O-ring

O-RING 20X2

O-RING 20X2

O-RING 27X2



G 1/8" threaded plug

FS2258 (SW 2)

FS2258 (SW 2)

FS2258 (SW 2)



ISO 2936 key

ISO2936-5 (SW 5)

ISO2936-5 (SW 5)

ISO2936-6 (SW 6)

Groove turning holders – Radial grooving

G3011-C...-P

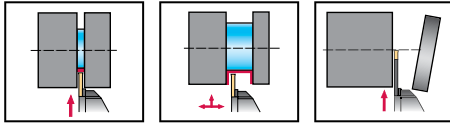
mm

Walter Cut

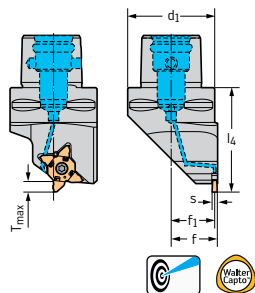


A2

- Walter Capto™
- Screw clamping



Tool

	Designation	s mm	T _{max} mm	d ₁	f ₁ mm	l ₄ mm	Type
 Walter Capto™ in acc. with ISO 26623	G3011-C3R-MX22-2-P	0.5 - 3.3	6	C3	20	45	MX22-2E ..
	G3011-C4R-MX22-2-P		6	C4	20	60	
	G3011-C5R-MX22-2-P		6	C5	25	60	
	G3011-C6R-MX22-2-P		6	C6	32	65	
	G3011-C4R-MX22-4-P	4 - 5.7	6	C4	20	60	MX22-4E ..
	G3011-C5R-MX22-4-P		6	C5	25	60	
	G3011-C6R-MX22-4-P		6	C6	32	65	
	G3011-C3L-MX22-2-P	0.5 - 3.3	6	C3	20	45	MX22-2E ..
	G3011-C4L-MX22-2-P		6	C4	20	60	
	G3011-C5L-MX22-2-P		6	C5	25	60	
	G3011-C6L-MX22-2-P		6	C6	32	65	
	G3011-C4L-MX22-4-P	4 - 5.7	6	C4	20	60	MX22-4E ..
	G3011-C5L-MX22-4-P		6	C5	25	60	
	G3011-C6L-MX22-4-P		6	C6	32	65	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | Maximum cutting depth T_{max} – see cutting inserts | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	0.5 - 3.3-4 - 5.7
	Clamping screw for grooving insert Tightening torque	FS2571 (T20IP) 5 Nm
	Torx key	FS2572 (T20IP)

Accessories

	s [mm]	0.5 - 3.3-4 - 5.7
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

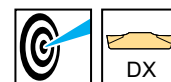
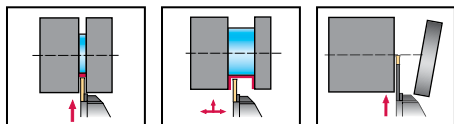
Groove turning holders – Radial grooving

G4011-C...-P mm

Walter Cut



- Walter Capto™
- Screw clamping



Tool		s mm	T _{max} mm	D ₂ mm	d ₁	f ₁ mm	l ₄ mm	s ₁ mm	Type
	Designation								
	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

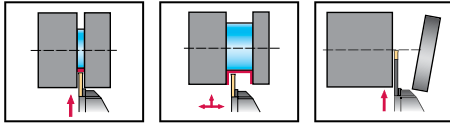
mm

Walter Cut

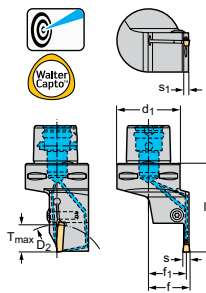


A2

- Walter Capto™
- Screw clamping



Tool

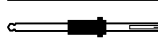
	Designation	s mm	T _{max} mm	D ₂ mm	d ₁	f ₁ mm	l ₄ mm	s ₁ mm	Type
 Walter Capto™ in acc. with ISO 26623	G1011-C3R-3T21GX24-P	3	21	65	C3	20,5	60	2,4	GX24-2E3 .. GX24-2F3 ..
	G1011-C4R-3T21GX24-P		21	65	C4	25,5	65	2,4	
	G1011-C5R-3T21GX24-P		21	65	C5	30,5	70	2,4	
	G1011-C4R-4T21GX24-P	4	21	65	C4	25	65	3,4	GX24-3E4 .. GX24-3F4 ..
	G1011-C5R-4T21GX24-P		21		C5	30	70	3,4	
	G1011-C6R-4T21GX24-P		21		C6	36	76	3,4	
	G1011-C4L-5T21GX24-P	5	21		C4	24,5	65	4,2	GX24-3E5 .. GX24-3F5 ..
	G1011-C5L-5T21GX24-P		21		C5	30	70	4,2	
	G1011-C6L-5T21GX24-P		21		C6	36	76	4,2	
	G1011-C3L-3T21GX24-P	3	21	65	C3	20,5	60	2,4	GX24-2E3 .. GX24-2F3 ..
	G1011-C4L-3T21GX24-P		21	65	C4	25,5	65	2,4	
	G1011-C5L-3T21GX24-P		21	65	C5	30,5	70	2,4	
	G1011-C4L-4T21GX24-P	4	21	65	C4	25	65	3,4	GX24-3E4 .. GX24-3F4 ..
	G1011-C5L-4T21GX24-P		21		C5	30	70	3,4	
	G1011-C6L-4T21GX24-P		21		C6	36	76	3,4	
	G1011-C4L-5T21GX24-P	5	21		C4	24,5	65	4,2	GX24-3E5 .. GX24-3F5 ..
	G1011-C5L-5T21GX24-P		21		C5	30	70	4,2	
	G1011-C6L-5T21GX24-P		21		C6	36	76	4,2	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | If no D_2 or D_{max} is specified, there is no diameter limit on the tool. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	3–5
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

	s [mm]	3–5
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

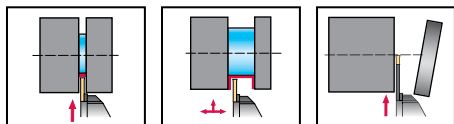
Grooving module – Radial grooving

MSS...E...

Walter Cut

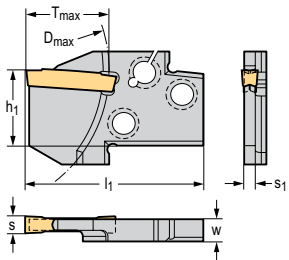
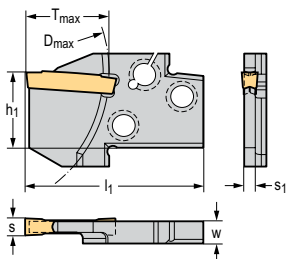


– Screw clamping



Tool	Designation	s mm	T _{max} mm	D _{max} mm	h ₁ mm	W mm	l ₁ mm	s ₁ mm	Module size	Type
	MSS-E20R03-GX16-2	0.6 - 3	3	63	16	4,4	33	2	E20	GX16-0E ..
	MSS-E25R03-GX16-2		3	79	20	5,9	38	2	E25	GX16-1E ..
	MSS-E32R03-GX16-2		3	100	25,5	5,9	45	2	E32	GX16-2E ..
	MSS-E16R02-GX09-1	2	2	52	12,5	3,9	24	1,3	E16	GX09-1E ..
	MSS-E16R07-GX09-1		7	52	12,5	3,9	24	1,3	E16	GX09-1E1 ..
	MSS-E20R12-GX16-1		12	63	16	4,4	33	1,3	E20	GX16-1E2 ..
	MSS-E25R12-GX16-1	3	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	4 - 5	12	100	25,5	5,9	45	2	E32	GX16-2E3 ..
	MSS-E20R12-GX16-3		12	63	16	4,4	33	3	E20	GX16-3E ..
	MSS-E25R12-GX16-3		12	79	20	5,9	38	3	E25	
	MSS-E25R21-GX24-3		21	79	20	5,9	47	3	E25	GX24-3E .. GX24-3F ..
	MSS-E32R12-GX16-3		12	100	25,5	5,9	45	3	E32	GX16-3E ..
	MSS-E32R21-GX24-3		21	100	25,5	5,9	54	3	E32	GX24-3E .. GX24-3F ..
	MSS-E25R12-GX16-4	6	12	79	20	5,9	38	4,2	E25	GX16-4E6 ..
	MSS-E25R21-GX24-4		21	79	20	5,9	47	4,2	E25	GX24-4E6 ..
	MSS-E32R21-GX24-4		21	100	25,5	5,9	54	4,2	E32	
	MSS-E25R21-GX24-5	8	21	79	20	5,9	47	5,9	E25	GX24-5R ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

Tool		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 ..
	MSS-E25L03-GX16-2		3	79	20	5,9	38	2	E25	GX16-1E ..
	MSS-E32L03-GX16-2		3	100	25,5	5,9	45	2	E32	GX16-2E ..
	MSS-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		12	63	16	4,4	33	1,3	E20	GX16-1E2 ..
	MSS-E25L12-GX16-1	3	12	79	20	5,9	38	1,3	E25	GX16-1E2 ..
	MSS-E16L07-GX09-2		7	52	12,5	3,9	24	2	E16	
	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	GX24-3E ..
	MSS-E25L21-GX24-3		21	79	20	5,9	47	3	E25	
										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 ..
		6								GX24-3F ..
	MSS-E25L12-GX16-4		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

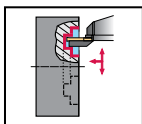
Grooving module – Axial grooving

MSS...E...A

Walter Cut



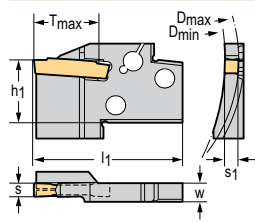
– Screw clamping



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		15	100	150	25,5	5,9	54	3	E32	
	MSS-E32R15-GX24-3A150300		15	150	300	25,5	5,9	54	3	E32	
	MSS-E32R15-GX24-3A70100		15	70	100	25,5	5,9	54	3	E32	
	MSS-E25R15-GX24-4A100150	6	15	100	150	20	5,9	47	4,2	E25	GX24-4E6 ..
	MSS-E25R15-GX24-4A150300		15	150	300	20	5,9	47	4,2	E25	
	MSS-E25R15-GX24-4A5070		15	50	70	20	5,9	47	4,2	E25	
	MSS-E25R15-GX24-4A70100		15	70	100	20	5,9	47	4,2	E25	
	MSS-E32R15-GX24-4A100150		15	100	150	25,5	5,9	54	4,2	E32	
	MSS-E32R15-GX24-4A150300		15	150	300	25,5	5,9	54	4,2	E32	
	MSS-E32R15-GX24-4A300900		15	300	900	25,5	5,9	54	4,2	E32	
	MSS-E32R15-GX24-4A70100		15	70	100	25,5	5,9	54	4,2	E32	
	MSS-E20L14-GX24-2A100150	3	14	100	150	16	4,4	42	2	E20	GX24-2E3 .. GX24-2F3 ..
	MSS-E20L14-GX24-2A5070		14	50	70	16	4,4	42	2	E20	
	MSS-E20L14-GX24-2A70100		14	70	100	16	4,4	42	2	E20	
	MSS-E25L15-GX24-2A100150		15	100	150	20	5,9	47	2	E25	
	MSS-E25L15-GX24-2A5070		15	50	70	20	5,9	47	2	E25	
	MSS-E25L15-GX24-2A70100		15	70	100	20	5,9	47	2	E25	
	MSS-E25L15-GX24-3A100150	4 - 5	15	100	150	20	5,9	47	3	E25	GX24-3E .. GX24-3F ..
	MSS-E25L15-GX24-3A150300		15	150	300	20	5,9	47	3	E25	
	MSS-E25L15-GX24-3A5070		15	50	70	20	5,9	47	3	E25	
	MSS-E25L15-GX24-3A70100		15	70	100	20	5,9	47	3	E25	
	MSS-E32L15-GX24-3A100150		15	100	150	25,5	5,9	54	3	E32	
	MSS-E32L15-GX24-3A150300		15	150	300	25,5	5,9	54	3	E32	
	MSS-E32L15-GX24-3A70100		15	70	100	25,5	5,9	54	3	E32	
	MSS-E25L15-GX24-4A100150	6	15	100	150	20	5,9	47	4,2	E25	GX24-4E6 ..
	MSS-E25L15-GX24-4A150300		15	150	300	20	5,9	47	4,2	E25	
	MSS-E25L15-GX24-4A5070		15	50	70	20	5,9	47	4,2	E25	
	MSS-E25L15-GX24-4A70100		15	70	100	20	5,9	47	4,2	E25	
	MSS-E32L15-GX24-4A100150		15	100	150	25,5	5,9	54	4,2	E32	
	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



Designation

MSS-E32L15-GX24-4A300900
MSS-E32L15-GX24-4A70100

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
6	15	300	900	25,5	5,9	54	4,2	E32	GX24-4E6 ..
	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

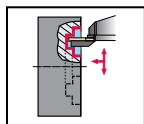
MSS...E...C

mm

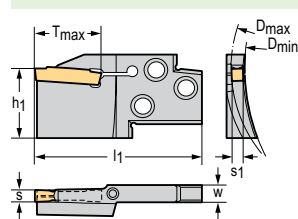
Walter Cut



– Screw clamping



Tool



Designation

s
mm

T_{max}
mm

D_{min}
mm

D_{max}
mm

h₁
mm

W
mm

l₁
mm

s₁
mm

Module
size

Type

MSS-E25R21-GX24-3C100150

4 - 5

21

100

150

20

6,2

60

3

E25

GX24-3E ..

MSS-E25R21-GX24-3C150300

21

150

300

20

6,2

60

3

E25

GX24-3F ..

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 ..

MSS-E25L21-GX24-3C150300

21

150

300

20

6,2

60

3

E25

GX24-3F ..

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

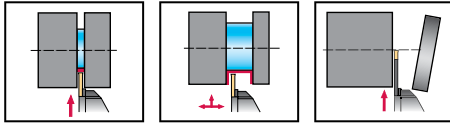
C...-MSS

Walter Cut

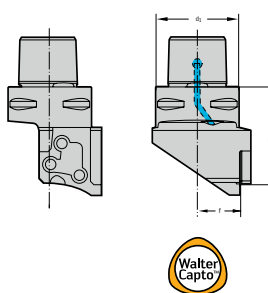
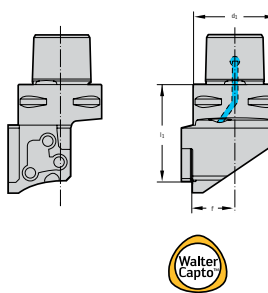


A2

- Walter Capto™
- Screw clamping



Tool

	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
	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

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)

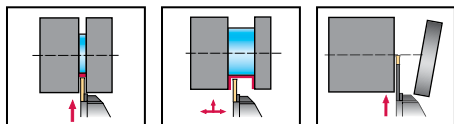
Turning toolholder – modular

C...-MSS...90

Walter Cut



- Walter Capto™
- Screw clamping



Tool

	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
 	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

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)

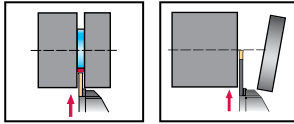
Grooving module – Radial grooving

G2632-E...R/L...-SX mm

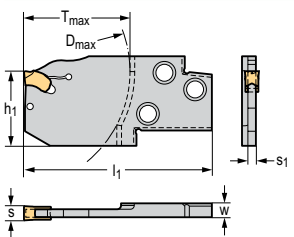
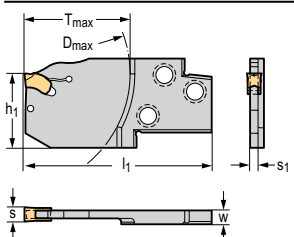
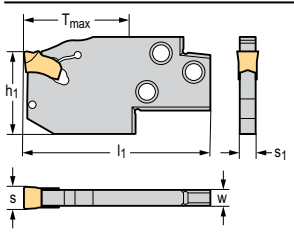
Walter Cut



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	6	45	90	5,9	80	4,3	E32	SX-6E6
	G2632-E25R-6T35SX		35	80	5,9	63	5,3	E25	
	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-E32L-3T45SX		45	90	5,9	80	2,4	E32	
	G2632-E20L-4T20SX		20	65	4,4	42	3,4	E20	
	G2632-E25L-4T35SX	5	35	80	5,9	63	3,4	E25	SX-5E5
	G2632-E32L-4T45SX		45	90	5,9	80	3,4	E32	
	G2632-E25L-5T35SX	6	35	80	5,9	63	4,3	E25	SX-6E6
	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

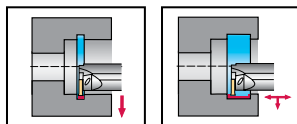
Boring bar – Internal grooving

G3221...-P mm

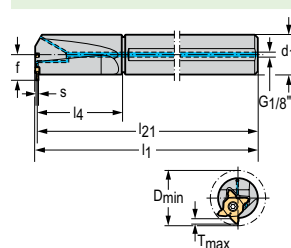
Walter Cut



- Screw clamping
- Precision cooling



Tool



Designation

s
mm

T_{max}
mm

D_{min}
mm

d₁
mm

f
mm

l₄
mm

l₂₁
mm

l₁
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

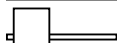

Threaded plug

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

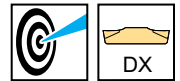
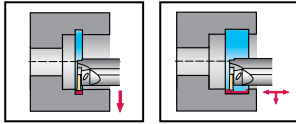
G4221...-P mm

Walter Cut

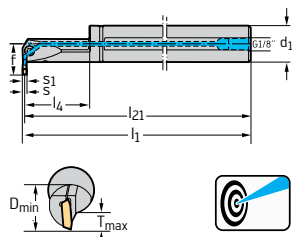


A2

- Screw clamping
- Precision cooling



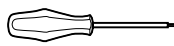
Tool

	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

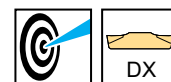
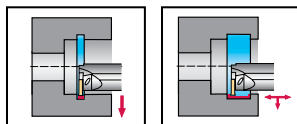
Boring bar – Internal grooving

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 ₂₁ inch	s ₁ inch	Type
	G4221.16RR-2T08-DX18-P	0,079	0,315	1,000	1,000	0,839	1,821	7,843	0,063	DX18-2E2 ..
	G4221.16RR-3T08-DX18-P	0,118	0,315	1,000	1,000	0,839	1,821	7,825	0,098	DX18-3E3 .. DX18-3F3 ..
	G4221.20SR-3T10-DX18-P		0,394	1,250	1,250	1,043	2,333	9,793	0,098	
	G4221.20SR-4T10-DX18-P	0,157	0,394	1,250	1,250	1,043	2,335	9,776	0,134	DX18-4E4 .. DX18-4F4 ..

Cylindrical shank with flat

$l_1 = l_{21} + s/2$ | The maximum recommended coolant pressure is 80 bar (1160 psi) | For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _{min} [inch]	1	1,25
	Clamping screw for grooving insert Tightening torque	FS1495 (T20IP) 3,688 lbs	FS2089 (T25IP) 4,425 lbs
	Threaded plug	M03X003 ISO 4026 (SW 1,5)	M03X003 ISO 4026 (SW 1,5)
	O-ring	O-RING 20X2	O-RING 27X2
	Screwdriver	FS1486 (T20IP)	FS1487 (T25IP)

Accessories

	D _{min} [inch]	1	1,25
	Torque screwdriver, analogue	FS2004	FS2004
	Interchangeable blade	FS2015 (T20IP)	FS2016 (T25IP)
	Torque screwdriver, digital	FS2248	FS2248

Boring bar – Internal grooving

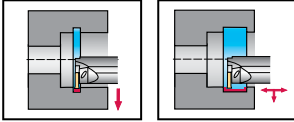
I12

Walter Cut

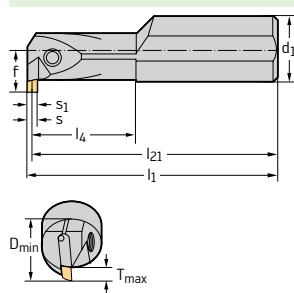


A2

– Screw clamping



Tool



Cylindrical shank

Designation

s
mmT_{max}
mmD_{min}
mmd₁
mmf
mml₄
mml₂₁
mml₁
mmS₁
mm

Type

I12R90-2.5D-GX09

2 - 2.5

3

16

16

11

30

149,5

151

1,3

GX09-1E1 ..

I12L90-2.5D-GX09

2 - 2.5

3

16

16

11

30

149,5

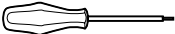
151

1,3

GX09-1E1 ..

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

Assembly parts

s [mm]
D_{min} [mm]2 - 2.5
16Clamping screw for grooving insert
Tightening torqueFS2139 (T20IP)
5 Nm

Handle key for grooving insert

FS1486 (T20IP)

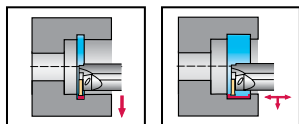
Boring bar – Internal grooving

G1221...-P mm

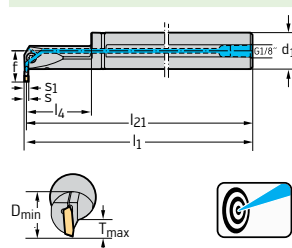
Walter Cut



- Screw clamping
- Precision cooling



Tool



Cylindrical shank with flat

Designation	s mm	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	2,1	GX24-2E3 .. GX24-2F3 ..
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	2,1	GX24-2E3 .. GX24-2F3 ..
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

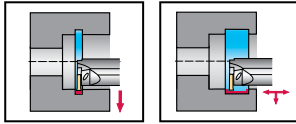
	s [mm] D _{min} [mm]	3-5-6 40	2-2.5-2.5-3 16-20
	Torque screwdriver, analogue	FS2003	FS2003
	Interchangeable blade	FS2016 (T25IP)	FS2014 (T15IP)
	Torque screwdriver, digital	FS2248	FS2248

Boring bar – Internal grooving

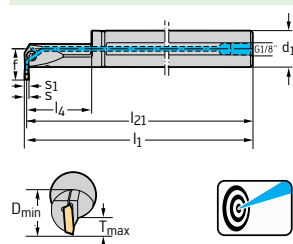
G1221...-P inch
Walter Cut


A2

- Screw clamping
- Precision cooling



Tool



Cylindrical shank with flat

Designation	s inch	T _{max} inch	D _{min} inch	d ₁ inch	f inch	l ₄ inch	l ₂₁ inch	l ₁ inch	s ₁ inch	Type
G1221.10QR-2T04-GX09-P	0,079 - 0,098	0,157	0,625	0,625	0,492	1,154	7,059	7,098	0,055	GX09-1E1 ..
G1221.12QR-2T06-GX09-P		0,236	0,750	0,750	0,634	1,429	7,059	7,098	0,055	
G1221.12QR-3T06-GX09-P	0,098 - 0,118	0,236	0,750	0,750	0,634	1,413	7,045	7,104	0,083	GX09-2E3 ..
G1221.24TR-4T12-GX24-P	0,157	0,472	1,500	1,500	1,244	2,813	11,750	11,829	0,122	GX24-3E .. GX24-3F ..
G1221.24TR-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	

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

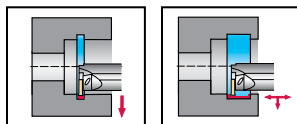
MSS...I...90-1.5

mm

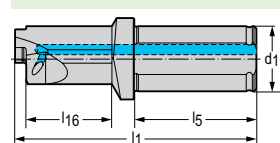
Walter Cut



– Screw clamping



Tool



Cylindrical shank

Designation

d₁
mm

l₁₆
mm

l₅
mm

l₁
mm

Module size

MSS-I16R90-1,5D-N

20

20,2

50

81,7

I16

MSS-I20R90-1,5D-N

20

26,2

50

86,7

I20

MSS-I25R90-1,5D-N

25

36,2

56

101,7

I25

MSS-I32R90-1,5D-N

32

41,1

60

118,6

I32

MSS-I40R90-1,5D-N

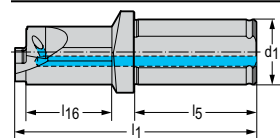
40

54,1

70

141,6

I40



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


Screw for grooving module
Tightening torque

I16

FS1051 (T8)
2 Nm

I20

FS1056 (T10)
2 Nm

I25

FS1052 (T15)
2 Nm

I32

FS1057 (T20)
3 Nm

I40

FS1054 (T20)
3 Nm


Handle key

FS257 (T8)

FS1050 (T10)

FS1047 (T15)

FS1048 (T20)

FS1048 (T20)

Boring bar – modular

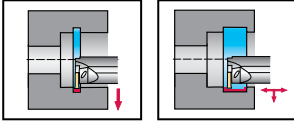
MSS...I...90-2.5 mm

Walter Cut

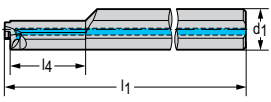
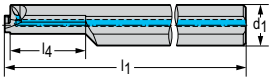


A2

– 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	FS1051 (T8)	FS1056 (T10)	FS1052 (T15)	FS1057 (T20)	FS1054 (T20)
	Tightening torque	2 Nm	2 Nm	2 Nm	3 Nm	3 Nm
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

Boring bar – modular

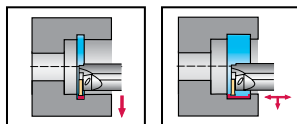
MSS...I...90-1.5

inch

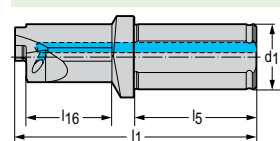
Walter Cut



– Screw clamping



Tool



Cylindrical shank

Designation

d₁

inch

l₁₆

inch

l₅

inch

l₁

inch

Module size

MSS-I16R90-1,5D-E

0,750

0,795

1,969

3,217

I16

MSS-I20R90-1,5D-E

0,750

1,031

1,969

3,413

I20

MSS-I25R90-1,5D-E

1,000

1,425

2,205

4,004

I25

MSS-I32R90-1,5D-E

1,500

1,618

2,362

4,669

I32

MSS-I40R90-1,5D-E

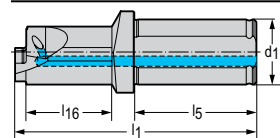
2,000

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


Screw for grooving module
Tightening torque

I16

FS1051 (T8)
1,475 lbs

I20

FS1056 (T10)
1,475 lbs

I25

FS1052 (T15)
1,475 lbs

I32

FS1057 (T20)
2,213 lbs

I40

FS1054 (T20)
2,213 lbs


Handle key

FS257 (T8)

FS1050 (T10)

FS1047 (T15)

FS1048 (T20)

FS1048 (T20)

Boring bar – modular

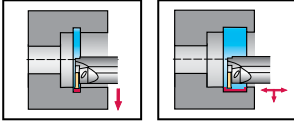
MSS...I...90-2.5 inch

Walter Cut

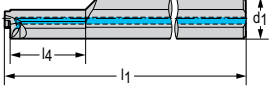
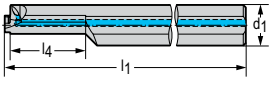


A2

– Screw clamping



Tool

	Designation	d ₁ inch	l ₄ inch	l ₁ inch	Module size
 Cylindrical shank	MSS-I16R90-2,5D-E	0,750	1,425	7,075	I16
	MSS-I20R90-2,5D-E	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	FS1051 (T8)	FS1056 (T10)	FS1052 (T15)	FS1057 (T20)	FS1054 (T20)
	Tightening torque	1,475 lbs	1,475 lbs	1,475 lbs	2,213 lbs	2,213 lbs
	Handle key	FS257 (T8)	FS1050 (T10)	FS1047 (T15)	FS1048 (T20)	FS1048 (T20)

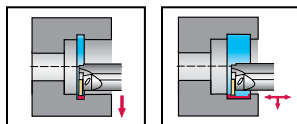
Grooving module – Internal grooving

MSS...I...

Walter Cut

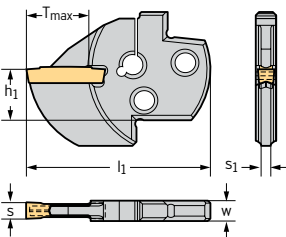


– Screw clamping



Tool	Designation	s mm	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	
	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	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	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	GX16-2E3 ..
	MSS-I32R09-GX16-2		9	40	12,3	5,9	38	2	I32	
	MSS-I40R10-GX16-2	10	10	50	15,5	5,9	47	2	I40	GX16-3E ..
	MSS-I32R09-GX16-3		9	40	12,3	5,9	38	3	I32	
	MSS-I40R10-GX16-3	10	10	50	15,5	5,9	47	3	I40	GX16-4E6 ..
	MSS-I32R09-GX16-4		9	40	12,3	5,9	38	4,2	I32	
	MSS-I40R10-GX16-4	10	10	50	15,5	5,9	47	4,2	I40	
	MSS-I32L03-GX16-2	0.6 - 3	3	40	12,3	5,9	38	2	I32	GX16-0E .. GX16-1E .. GX16-2E ..
	MSS-I40L03-GX16-2		3	50	15,5	5,9	47	2	I40	
	MSS-I16L02-GX09-1	2	2	20	6,3	3,8	19	1,3	I16	
	MSS-I16L04-GX09-1		4	20	6,3	3,8	19	1,3	I16	GX09-1E1 ..
	MSS-I20L02-GX09-1		2	25	7,6	3,8	23	1,3	I20	GX09-1E ..
	MSS-I20L05-GX09-1		5	25	7,6	3,8	23	1,3	I20	GX09-1E1 ..
	MSS-I25L02-GX09-1	2	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	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	GX16-2E3 ..
	MSS-I32L09-GX16-2		9	40	12,3	5,9	38	2	I32	
	MSS-I40L10-GX16-2	10	10	50	15,5	5,9	47	2	I40	GX16-3E ..
	MSS-I32L09-GX16-3		9	40	12,3	5,9	38	3	I32	
	MSS-I40L10-GX16-3	10	10	50	15,5	5,9	47	3	I40	GX16-4E6 ..
	MSS-I32L09-GX16-4		9	40	12,3	5,9	38	4,2	I32	
	MSS-I40L10-GX16-4	10	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		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	140	GX24-3E .. GX24-3F ..
	MSS-I40N19-GX24-4	6	19	60	15,5	6,2	55	4,2	140	GX24-4E6 ..

Refer to the Walter online catalogue for more product information: www.walter-tools.com

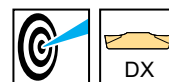
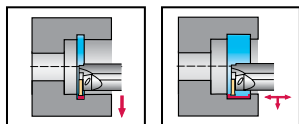
Exchangeable head – Internal grooving

G4221-Q...-P mm

Walter Cut



- QuadFit
- For Accure-tec boring bars



Tool		s mm	T _{max} mm	D _{min} mm	d ₁ mm	f mm	l ₄ mm	l ₂₁ mm	s ₁ mm	Type
	Designation									
	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-Q32R-4T12DX18-P	4	12	50	32	29,7	22,4	30	3,4	DX18-4E4 .. DX18-4F4 ..
	G4221-Q40R-4T12DX18-P		12	55	40	33,7	22,4	30	3,4	
	G4221-Q50R-4T12DX18-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-4T12DX18-P		21	80	50	47,7	22,3	30	3,4	

Dimensional drawing shows right-hand version. | $l_1 = l_{21} + s/2$ | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _{min} [mm]	50–80
	Clamping screw for grooving insert Tightening torque	FS2614 (T20IP) 5 Nm
	Threaded plug	M03X006 ISO 4026
	Allen key	FS1464 (T20IP)

Accessories

	D _{min} [mm]	50–80
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Torque screwdriver, analogue	FS2003

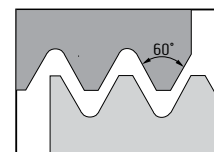
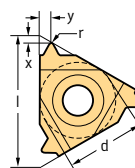
Indexable inserts

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

External thread turning inserts – 60° partial profile

NTS



Indexable inserts

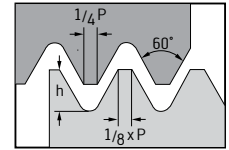
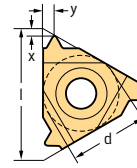
									P		M
									HC		HC
Designation		Pitch (P) mm	Lead (TPI) in	l mm	d mm	r mm	X mm	Y mm	WXM20	WXP20	WMP32
	NTS-EL-16 AG60	0,5–3	48–8	16	9,525	0,08	1,2	1,7			
	NTS-EL-16 G60	1,75–3	14–8	16	9,525	0,27	1,2	1,7			
	NTS-EL-22 N60	3,5–5	7–5	22	12,7	0,53	1,7	2,5			
	NTS-ER-16 AG60	0,5–3	48–8	16	9,525	0,08	1,2	1,7			
	NTS-ER-16 G60	1,75–3	14–8	16	9,525	0,27	1,2	1,7			
	NTS-ER-22 N60	3,5–5	7–5	22	12,7	0,53	1,7	2,5			
	NTS-IL-11 A60	0,5–1,5	48–16	11	6,35	0,05	0,8	0,9			
	NTS-IL-16 AG60	0,5–3	48–8	16	9,525	0,05	1,2	1,7			
	NTS-IL-16 G60	1,75–3	14–8	16	9,525	0,16	1,2	1,7			
	NTS-IR-11 A60	0,5–1,5	48–16	11	6,35	0,05	0,8	0,9			
	NTS-IR-16 AG60	0,5–3	48–8	16	9,525	0,05	1,2	1,7			
	NTS-IR-16 G60	1,75–3	14–8	16	9,525	0,16	1,2	1,7			
	NTS-IR-22 N60	3,5–5	7–5	22	12,7	0,53	1,7	2,5			
	NTS-IL-11 A55	0,5–1,5	48–16	11	6,35	0,05	0,8	0,9			
	NTS-IR-11 A55	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



A3

Indexable inserts

	Designation	Pitch (P) mm	l mm	d mm	h _{min} mm	X mm	Y mm	P		M
								HC		HC
								WXM20	WXP20	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

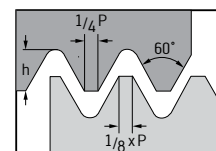
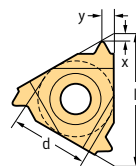
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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

Indexable inserts A 557

Internal 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	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					

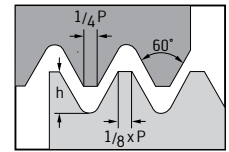
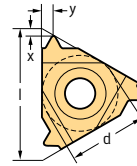
Ordering example for the grade WMP32: NTS-IL-11 0.75ISO WMP32

HC = Coated carbide

WALTER SELECT

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

External thread turning inserts – full profile, American UN 60° NTS



A3

Indexable inserts

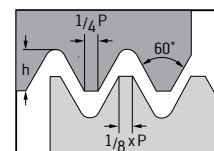
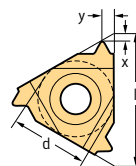
	Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P		M
								HC		HC
								WXM20	WXP20	WXM20
	NTS-ER-16 008UN	8	16	9,525	1,95	1,2	1,6			
	NTS-ER-16 009UN	9	16	9,525	1,73	1,2	1,7			
	NTS-ER-16 010UN	10	16	9,525	1,56	1,1	1,5			
	NTS-ER-16 011UN	11	16	9,525	1,42	1,1	1,5			
	NTS-ER-16 012UN	12	16	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



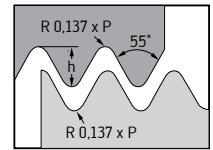
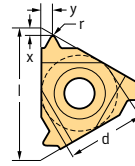
Indexable inserts

Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P		M	
							HC		HC	
							WXM20	WXP20	WMP32	WXM20
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



A3

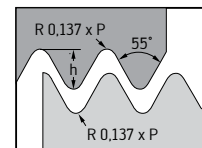
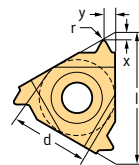
Indexable inserts

	Designation	Lead (TPI)	l mm	d mm	h _{min} mm	X mm	Y mm	P			M
								WXM20	WXP20	WXM20	HC
	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

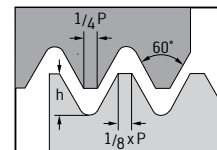
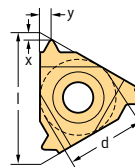
Indexable inserts

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



A3

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

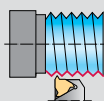
HC = Coated carbide

Thread turning tools - external machining

Type



Machining



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

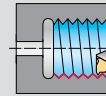
C-NTS-SE

Threading tools - internal machining

Type



Machining



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


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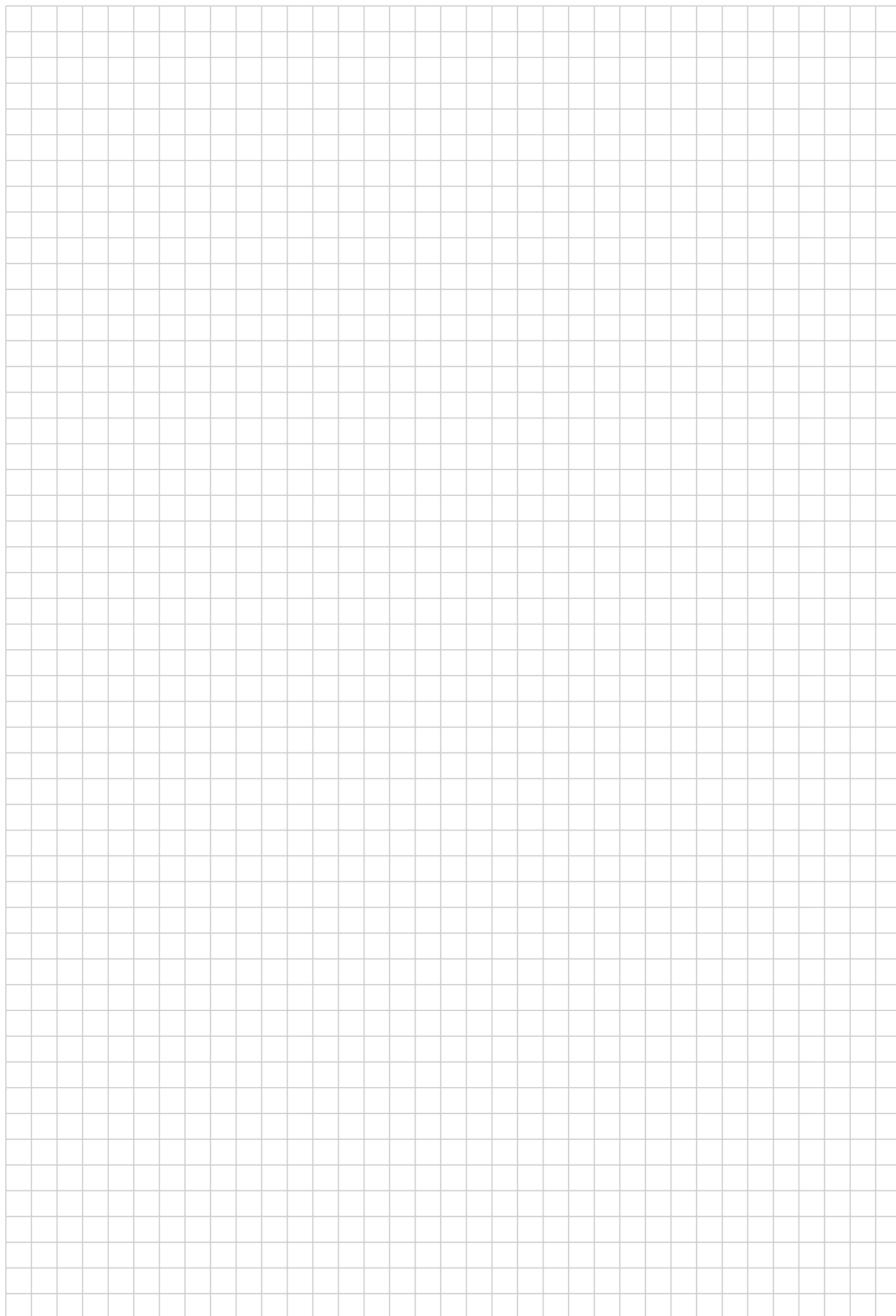
A-NTS-I

S-NTS-I

C-NTS-SI

T1820-Q-P

A3



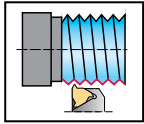
Shank tool – External thread

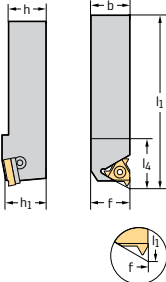
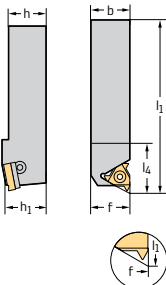
NTS-SE

Walter NTS

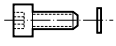
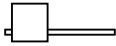


A3



Tool				$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	Type
	Designation								
	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			
	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			
Type		NTS-E..-16..	NTS-E..-22..
	Left shim	YI3	YI4
	Right shim	YE3	YE4
	Clamping screw for threading insert Tightening torque	FS2177 (T10) 1,7 Nm	FS2178 (T20) 3,8 Nm
	Clamping screw + washer for shim	FS2179 (T10)	FS2180 (T20)
	Torx key	FS1050 (T10)	FS256 (T20)

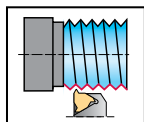
Shank tool – External thread

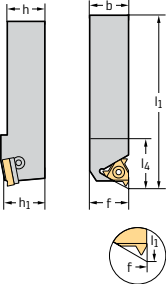
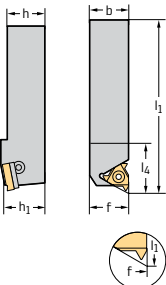
NTS-SE inch

Walter NTS



A3



Tool			h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	Type
Designation								
	NTS-SEL0808-3	16	0,500	0,500	0,630	3,250	0,870	NTS-E . -16 ..
	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-SEL2020-3	16	1,250	1,250	1,250	7,000	1,180	
	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	
Square shank	NTS-SER2020-3	16	1,250	1,250	1,250	7,000	1,180	
	NTS-SEL1616-4	22	1,000	1,000	1,000	6,000	1,184	NTS-E . -22 ..
	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	
	Square shank							

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)

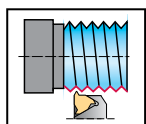
Turning tools – External thread

C...-NTS-SE

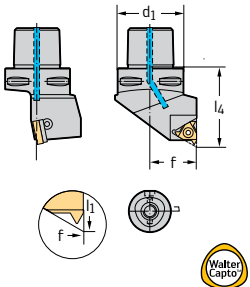
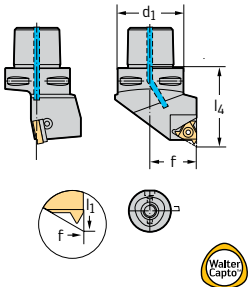
Walter NTS



- Standard position
- Walter Capto™

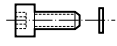
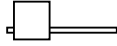


A3

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	
	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

Type	NTS-E..-16 ..	NTS-E..-22 ..
	YI3	YI4
	YE3	YE4
	FS2177 (T10) 1,7 Nm	FS2178 (T20) 3,8 Nm
	FS2179 (T10)	FS2180 (T20)
	FS1050 (T10)	FS256 (T20)
	FS1477	FS1018

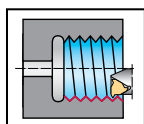
Boring bar – Internal thread

A...-NTS-I / S...-NTS-I

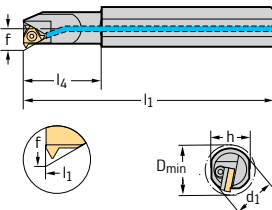
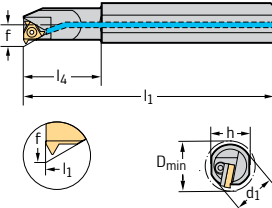
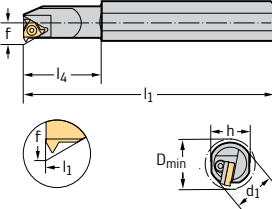
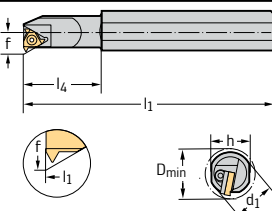
Walter NTS



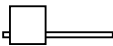
A3



Tool

Tool	Designation		D _{min} mm	d ₁ mm	f mm	h mm	l ₁ mm	l ₄ mm	β	Type
	A20Q-NTS-IL11-12	11	12	20	7,3	18	180	25	3°	NTS-I . -11 ..
	A20Q-NTS-IL11-13	11	13	20	7,4	18	180	25	1,5°	
	A20Q-NTS-IL11-16	11	16	20	8,9	18	180	32	1,5°	
	A20Q-NTS-IR11-12	11	12	20	7,3	18	180	25	3°	
	A20Q-NTS-IR11-13	11	13	20	7,4	18	180	25	1,5°	
	A20Q-NTS-IR11-16	11	16	20	8,9	18	180	32	1,5°	
Parallel shank with clamping surface										
	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°	
Parallel shank with clamping surface										
	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°	
Parallel shank with clamping surface										
	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		Type D _{min} [mm]	NTS-I . -11 .. 12-16	NTS-I . -16 .. 16-20	NTS-I . -16 .. 24-44	NTS-I . -22 .. 27	NTS-I . -22 .. 32-47
	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

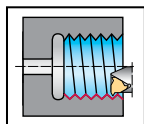
Boring bar – Internal thread

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
 Parallel shank with clamping surface	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°	
 Parallel shank with clamping surface	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)

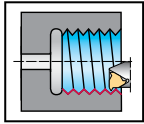
Boring bar – Internal thread

C...-NTS-SI mm

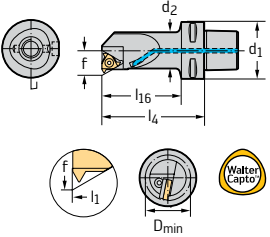
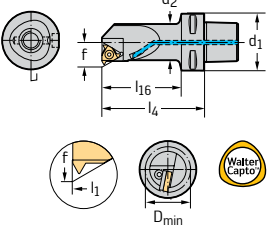
Walter NTS



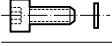
- Standard position
- Walter Capto™



A3

Tool										
Designation				D_{min} mm	d_2 mm	d_1	f mm	l_4 mm	l_{16} mm	Type
 Walter Capto™ in acc. with ISO 26623	C4-NTS-SIL22090-16	16		40	32	C4	22	90	69	NTS-I.. -16 ..
	C4-NTS-SIR22090-16	16		40	32	C4	22	90	69	
	C5-NTS-SIL22090-16	16		40	32	C5	22	90	68	
	C5-NTS-SIR22090-16	16		40	32	C5	22	90	68	
	C6-NTS-SIL22090-16	16		40	32	C6	22	90	64	
	C6-NTS-SIR22090-16	16		40	32	C6	22	90	64	
	C4-NTS-SIL27080-16	16		50	39,5	C4	27	80	60	
	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	
 Walter Capto™ in acc. with ISO 26623	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			
	Type	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

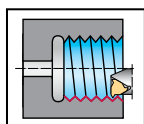
T1820-Q...-P mm

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-Q50R-22I-P	22	Q50	56	30,3	32	1°	NTS-I . -22 ..	
QuadFit									
	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 ..	
QuadFit									

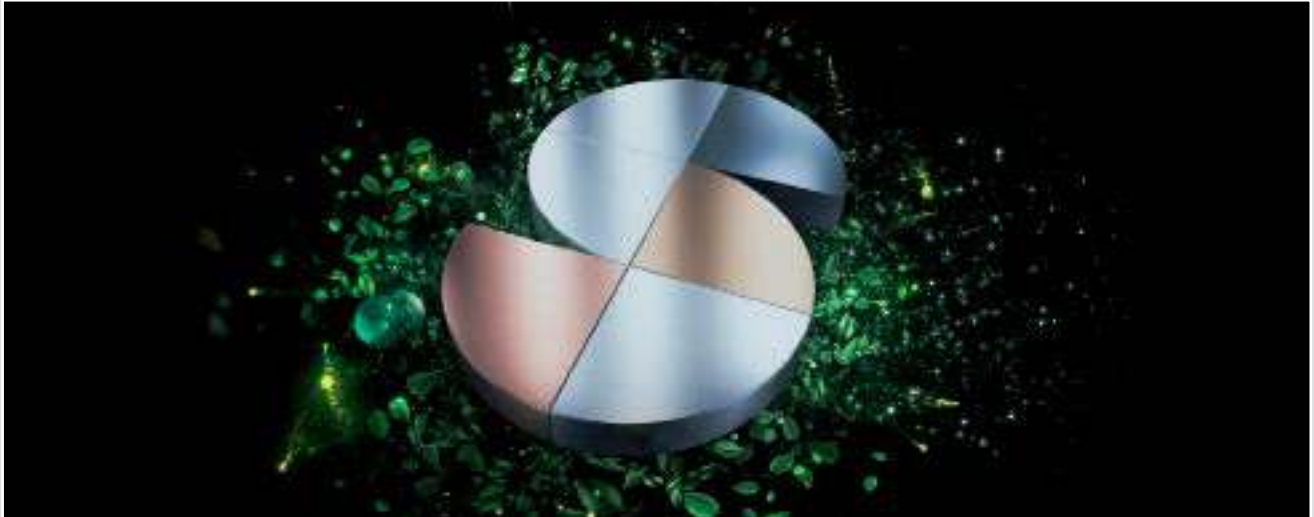
The maximum recommended coolant pressure is 150 bar (2175 psi)
Bodies and assembly parts are included in the scope of delivery

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

A3



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO₂ compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating



You can find more information on Walter certification here:



Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



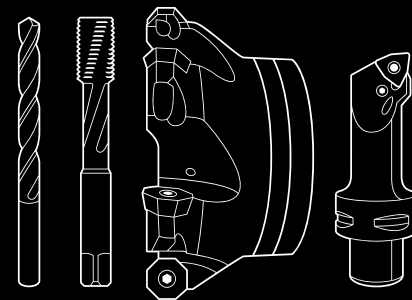
Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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