WALTER
Engineering Kompetenz

Turning, drilling, milling, threading, adaptors

Catalogue
Edition 2025-1

_ INNOVATIONS THAT LEAD THE WAY.

Walter Programme and Innovations 2025

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.

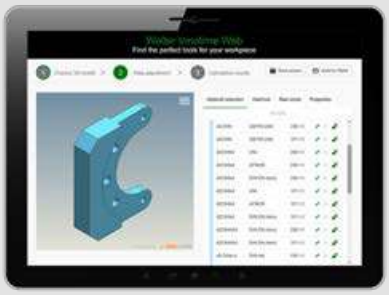
Walter online catalogue

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

TOOL:SHOP

EDI B2B

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

Content

Technologies at Walter

Accure·tec®

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

Drivox·tec™

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

Drion·tec®

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

Groov·tec™

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

Krato·tec®

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

Tiger·tec® Gold

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

Tiger·tec® Silver

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

Thread·tec™

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

Thrill·tec®

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

Walter BLAXX

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

Walter Xpress

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

Walter Precision XT

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

Walter Boring XT

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

XD Technology

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

Xill·tec®

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

Xtra·tec®

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

Xtra·tec®XT

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

X·treme Evo

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

Technologies at Walter (continued)

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

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

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

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

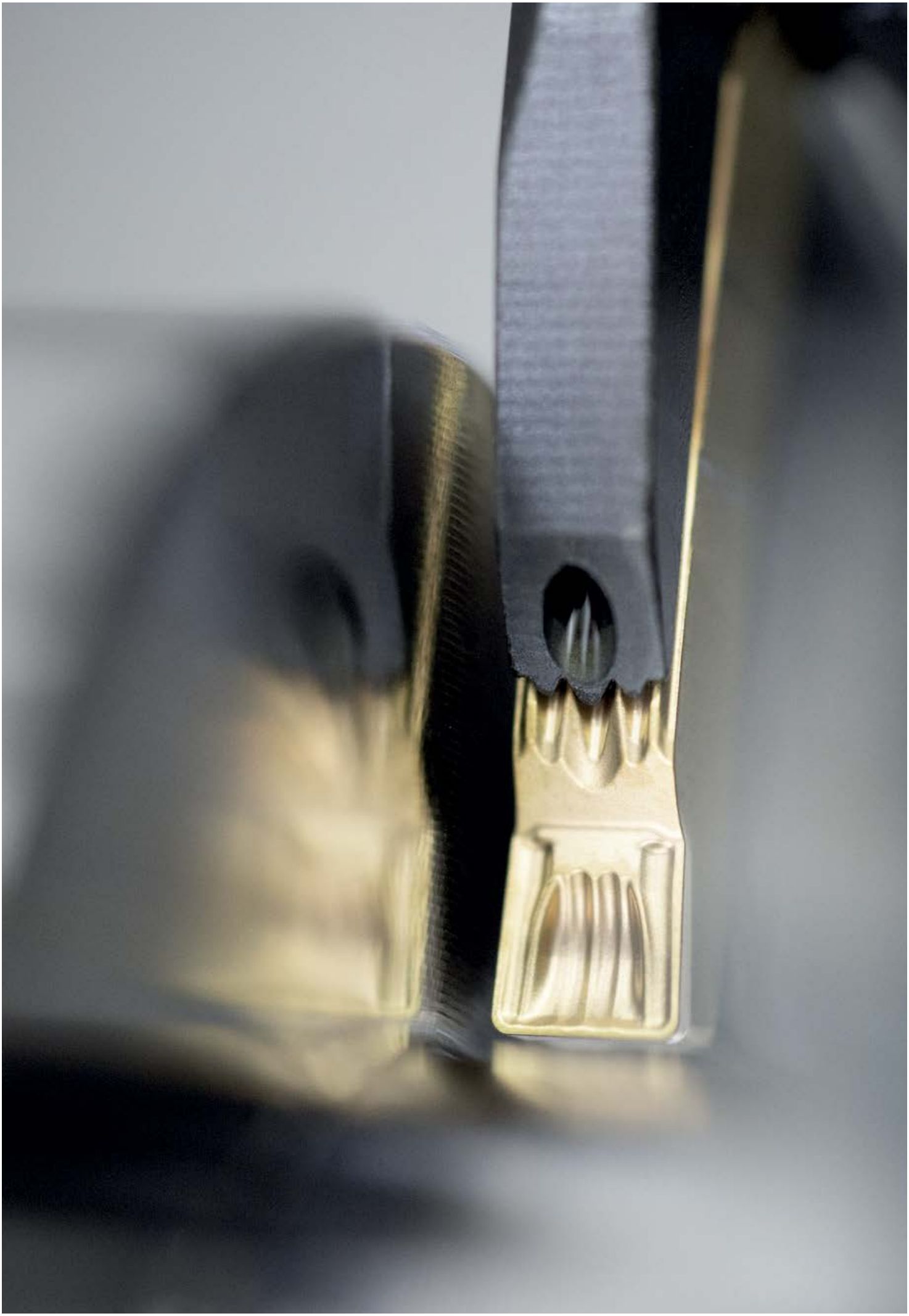
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly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

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

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

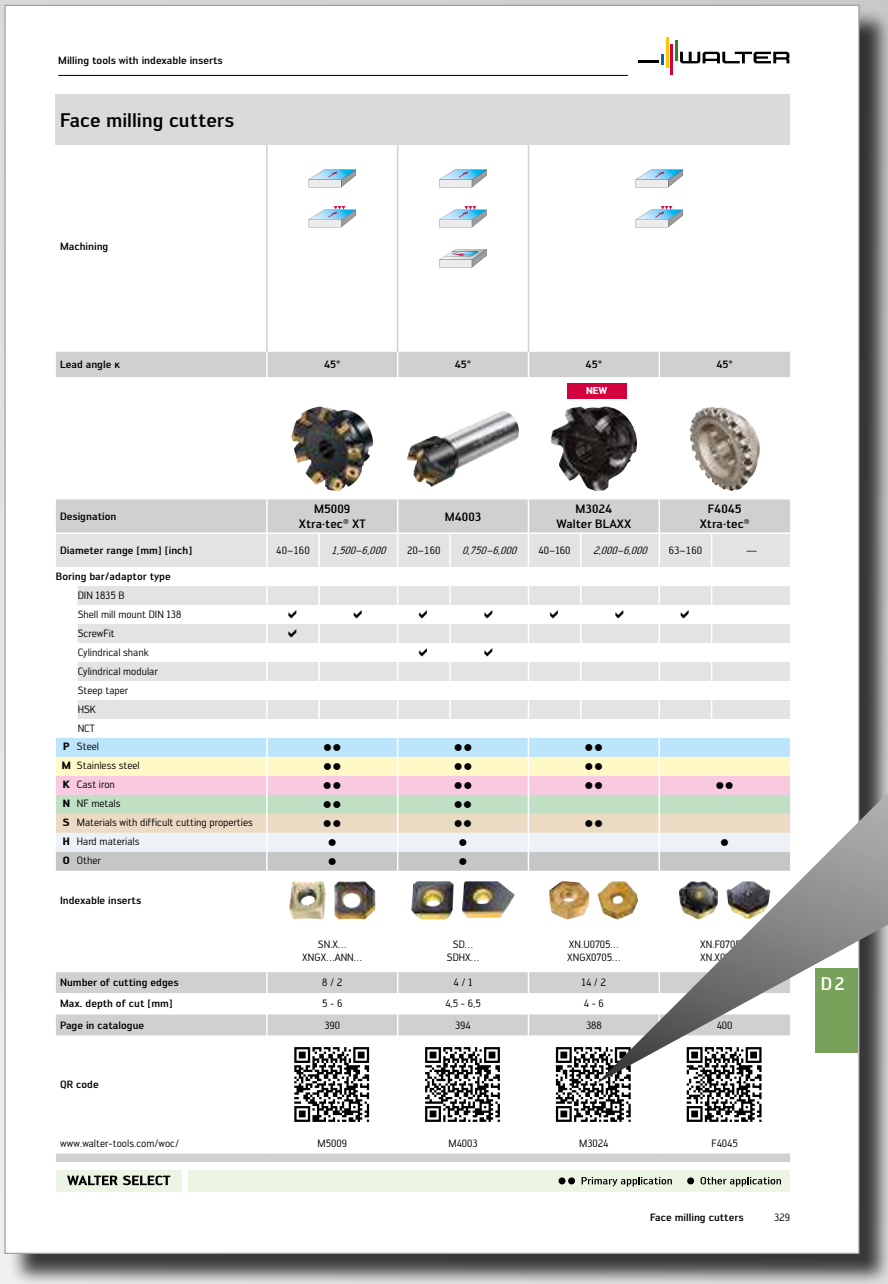
On Walter turning toolholders with "SmartLock", the clamping screw can be operated from the side of the tool. This makes it possible to index the inserts in the machine quickly and easily. Tool change times are reduced as a result. Ideal for use on CNC lathe and multi-spindle machines.

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



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.



Milling tools with indexable inserts

Face milling cutters

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

WALTER SELECT ●● Primary application ● Other application

D2

Face milling cutters 329

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.

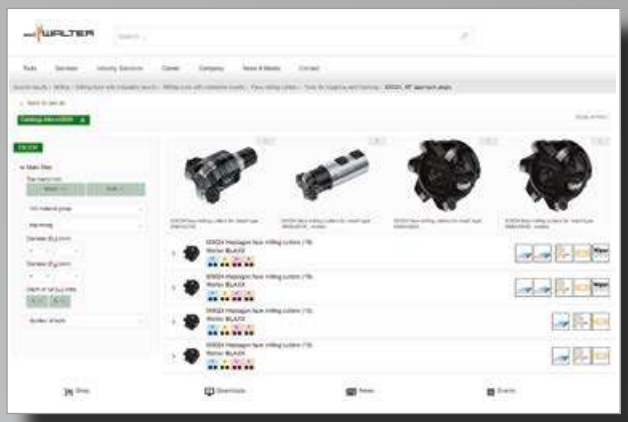
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

★ 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.

M3024



Direct link

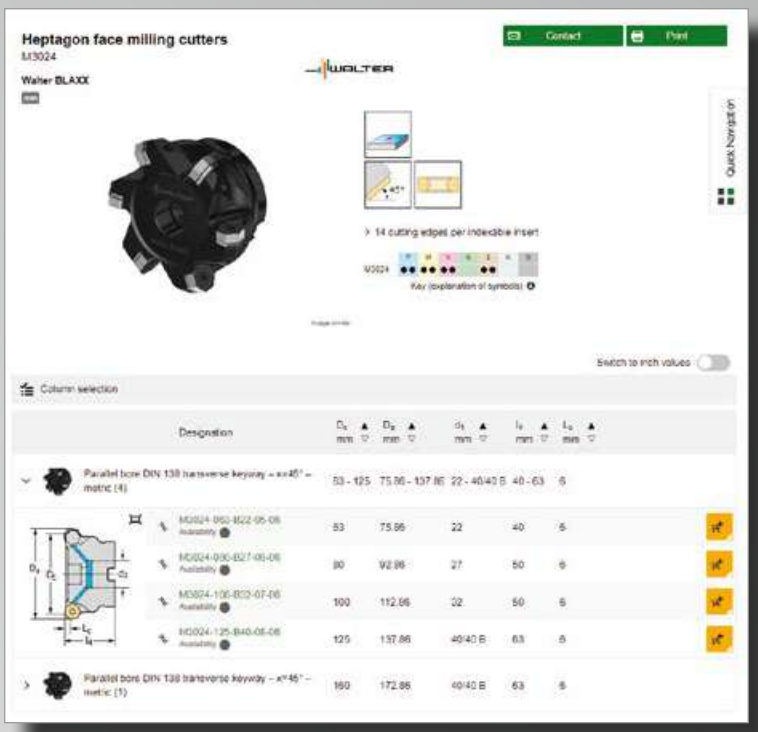
As well as scanning the QR code, you can also type the link directly into your browser:

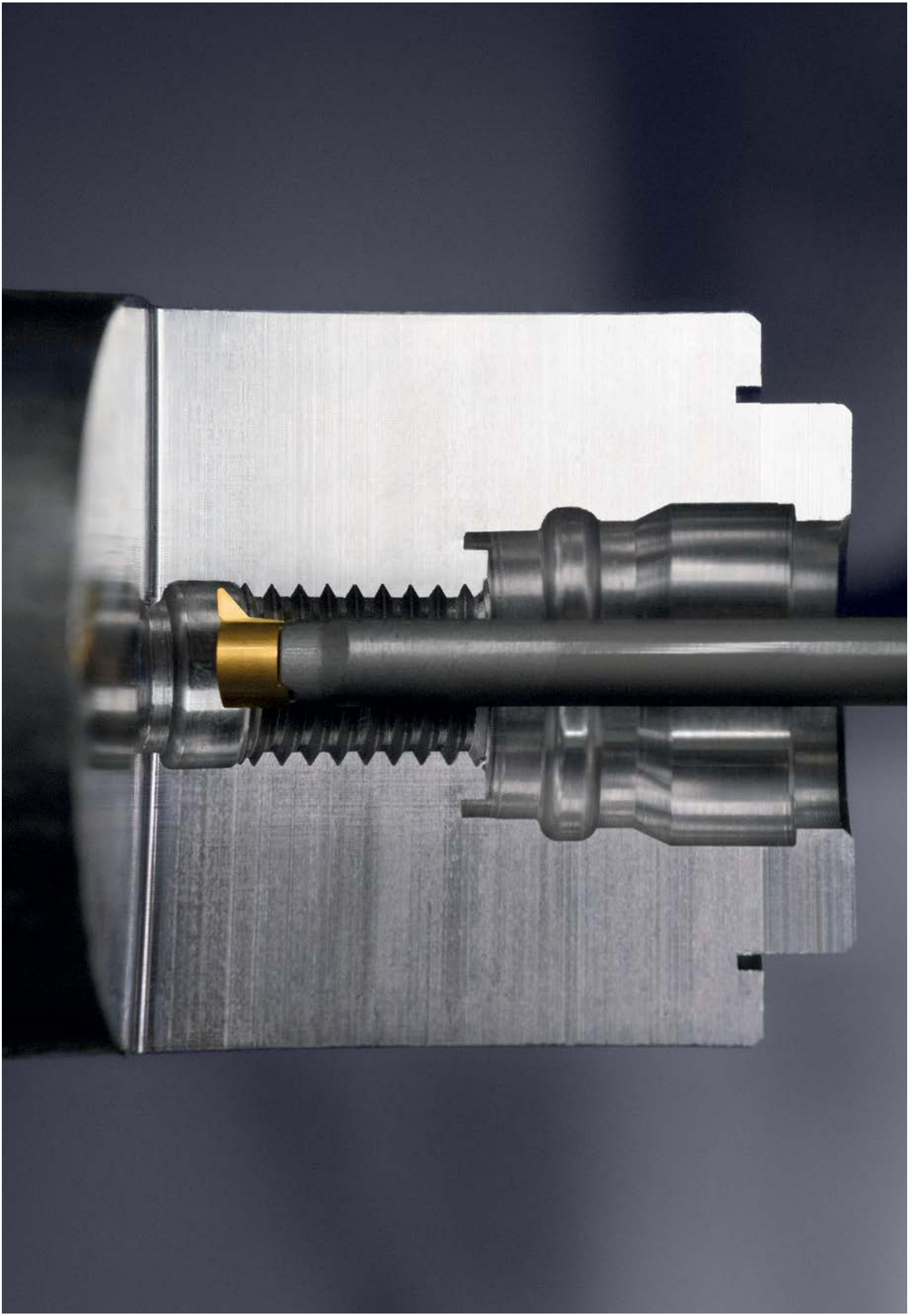
*www.walter-tools.com/woc/**M3024.***

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

Detailed overview of product data

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





A - Turning

A1 - ISO turning

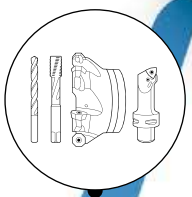
A2 - Grooving

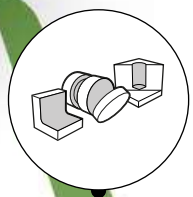
A3 - Thread turning

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

B SEARCH APPLICATION-RELATED

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

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

Select **material** and …

… **application**

Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

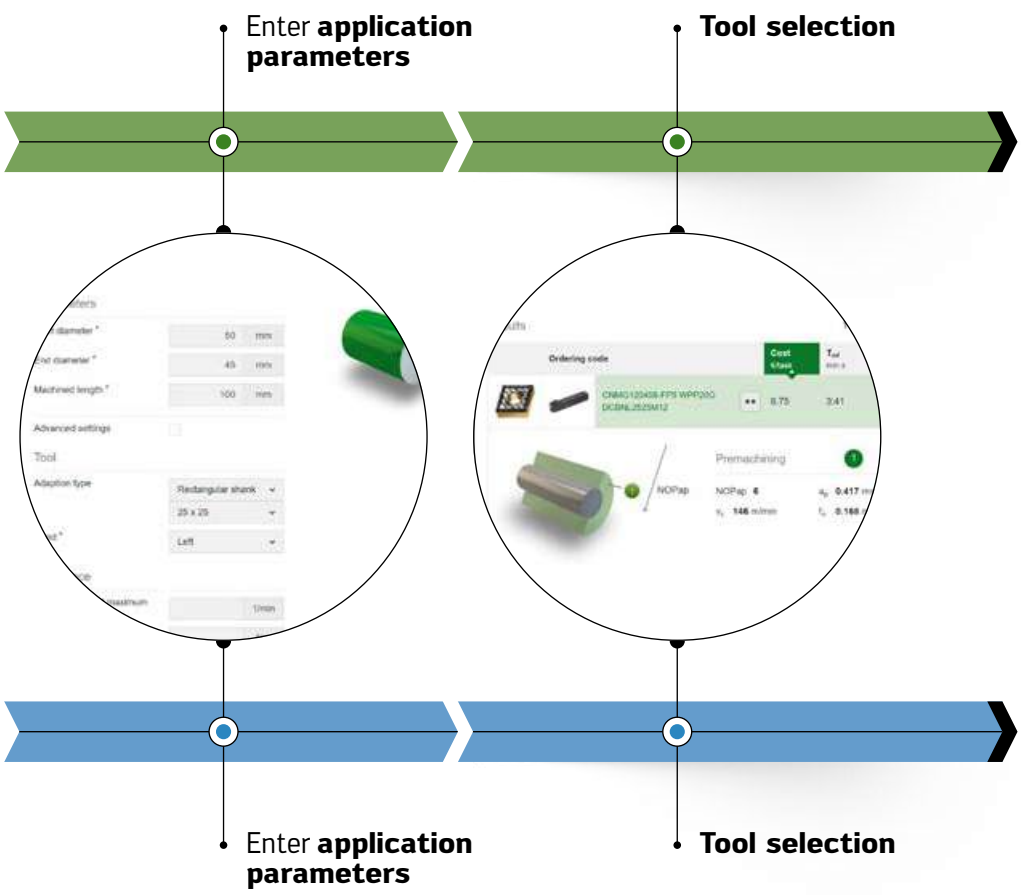
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating profitability –** this allows you to determine the estimated costs in the shortest possible time.
- **Benefit from helpful additional information –** e.g. in the form of 2D and 3D models which you can use directly for your machine programming.
- **CO_2 values for your application –** divided according to machining operation and machine basic load.

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

RESULT



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

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

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					
QR code					
www.walter-tools.com/woc/	FW5	FM5	NFT	FP5	MW5

Machining	Medium machining				
	NEW 				
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	24				
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					
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					
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				
QR code				
www.walter-tools.com/woc/	RK7	HU3	HU5	HU7

WALTER SELECT

●● Primary application ● Other application

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					
QR code					
www.walter-tools.com/woc/	FW4	FL2	FN2	FM2	FP2

Machining	Finishing operation				
			NEW 		
Geometry	**FX4**	**FM4**	**FP4**	**FM6**	**FP6**
Indexable inserts basic shape	C, D, T, V	C, D, R, S, T, V, W	C, D, R, S, T, V, W	C, D, S, T, V	C, D, S, T, V, W
P Steel	●●	●	●●	●	●●
M Stainless steel	●	●●	●	●●	●
K Cast iron	●		●		●
N NF metals					
S Materials with difficult cutting properties		●●	●	●●	●
H Hard materials					
O Other					
a_p [mm]	0,05–2,5	0,1–5,0	0,1–5,0	0,3–2,5	0,3–2,5
f [mm]	0,02–0,25	0,02–0,40	0,02–0,40	0,08–0,32	0,06–0,32
Page in catalogue			25		
QR code					
www.walter-tools.com/woc/	FX4	FM4	FP4	FM6	FP6

WALTER SELECT

●● Primary application ● Other application

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

Machining	Finishing operation	Medium machining			
				NEW 	NEW 
Geometry	**FK6**	**MW4**	**MN2**	**MM4**	**MP4**
Indexable inserts basic shape	C, D, S, T, V	C, D, T	C, D, R, S, T, V, W	C, D, S, T, V, W	C, D, S, T, V, W
P Steel	●	●●	●	●	●●
M Stainless steel	●	●●	●	●●	●
K Cast iron	●●	●●		●	●
N NF metals			●●		
S Materials with difficult cutting properties	●	●	●	●●	●
H Hard materials					
O Other			●		
a_p [mm]	0,3–2,5	0,5–4,5	0,5–6,0	0,1–3,5	0,3–3,5
f [mm]	0,06–0,32	0,12–0,55	0,02–0,80	0,04–0,35	0,06–0,35
Page in catalogue				25	25
QR code					
www.walter-tools.com/woc/	FK6	MW4	MN2	MM4	MP4

Machining	Medium machining				Roughing
		NEW 			
Geometry	**MK4**	**MP6**	**..GN**	**..MR**	**RM4**
Indexable inserts basic shape	C, D, S, T, V	C, D, T, V	T	T	C, D, R, S, T, V, W
P Steel	●	●●	●●	●●	●
M Stainless steel	●	●	●	●	●●
K Cast iron	●●	●	●	●●	●
N NF metals					
S Materials with difficult cutting properties	●	●	●	●	●●
H Hard materials					
O Other					
a_p [mm]	0,4–3,5	0,4–4,0	0,4–3,0	0,4–4,0	0,2–7,0
f [mm]	0,08–0,35	0,08–0,40	0,10–0,30	0,12–0,30	0,08–1,20
Page in catalogue		25			
QR code					
www.walter-tools.com/woc/	MK4	MP6	GN	MR	RM4

WALTER SELECT

●● Primary application ● Other application

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

Machining	Roughing			Heavy machining
				
Geometry	**RP4**	**RK4**	**RK6**	**HU6**
Indexable inserts basic shape	C, D, R, S, T, V, W	C, D, R, S, T, V, W	C, D, S, T, V	R
P Steel	●●	●		●●
M Stainless steel	●	●		
K Cast iron	●	●●	●●	●●
N NF metals				
S Materials with difficult cutting properties	●	●		
H Hard materials			●	
O Other				
a_p [mm]	0,2–7,0	0,4–7,0	0,2–5,0	1,0–15,0
f [mm]	0,08–1,20	0,08–1,20	0,08–0,50	0,12–1,70
Page in catalogue				
QR code				
www.walter-tools.com/woc/	RP4	RK4	RK6	HU6

WALTER SELECT

●● Primary application ● Other application

Inserts copy turning system – WL

Machining	Finishing operation		Medium machining		
		NEW 	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	0,1–2,5	0,1–2,5	0,5–2,5
f [mm]	0,04–0,25	0,04–0,25	0,05–0,40	0,05–0,40	0,12–0,45
Page in catalogue		26	26	26	
QR code					
www.walter-tools.com/woc/	FM4	FP4	MM4	MP4	MU6

WALTER SELECT

●● Primary application ● Other application

ISO indexable inserts – CBN/PCD/ceramic

Cutting tool material	CBN				
					
Geometry	**EM**	**TS**	**TS-MW**	**TM**	**TM-M**
Indexable inserts basic shape	C, D, V	C, D, S, T, V, W	C	C, D, S, T, V, W	C, D
P Steel					
M Stainless steel					
K Cast iron		●●			
N NF metals					
S Materials with difficult cutting properties	●●				
H Hard materials		●●	●●	●●	●●
O Other					
a_p [mm]	0,1–1,0	0,05–2,0	0,1–0,5	0,1–1,0	0,1–1,0
f [mm]	0,05–0,25	0,02–0,30	0,05–0,20	0,05–0,30	0,05–0,30
Page in catalogue					
QR code					
www.walter-tools.com/woc/	EM	TS	TS-MW	TM	TM-M

Cutting tool material	CBN			Ceramic	
					
Geometry	**TM-MW**	**TS-0**	**TM-S**	**E**	**T01020**
Indexable inserts basic shape	C, D	R	C, R, S	R	C, R, S
P Steel					
M Stainless steel					
K Cast iron		●●	●●		
N NF metals					
S Materials with difficult cutting properties				●●	●●
H Hard materials	●●		●		●
O Other					
a_p [mm]	0,1–1,0	0,1–5,0	0,1–5,0	0,1–3,6	0,1–4,5
f [mm]	0,05–0,50	0,05–0,40	0,05–0,50	0,10–0,32	0,10–0,42
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TM-MW	TS-0	TM-S	E	T01020

WALTER SELECT

●● Primary application ● Other application

ISO indexable inserts – CBN/PCD/ceramic

Cutting tool material	Ceramic			PCD	
					
Geometry	**T02020**	**SM**	**SM-MWS**	**T-FS**	**W-FS**
Indexable inserts basic shape	C, D, S, T, W	C, D, S, T, V, W	C	C, D, V	C, D, S, T, V
P Steel					
M Stainless steel					
K Cast iron	●●				
N NF metals				●●	●●
S Materials with difficult cutting properties				●	●
H Hard materials		●●	●●		
O Other				●●	●●
a_p [mm]	0,1–6,0	0,1–1,0	0,1–1,0	0,05–4,0	0,05–4,0
f [mm]	0,10–0,80	0,05–0,30	0,05–0,35	0,03–0,38	0,03–0,38
Page in catalogue					
QR code					
www.walter-tools.com/woc/	T02020	SM	SM-MWS	T-FS	W-FS

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		
QR code		
www.walter-tools.com/woc/	FS-M	FS-9

WALTER SELECT

●● Primary application ● Other application

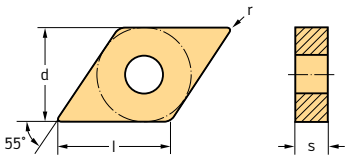
Indexable inserts for copy turning system – WL CBN inserts

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

WALTER SELECT

●● Primary application ● Other application

Turning Insert – Negative rhombic 55°
DNGG



Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	N HC WNN10	N HW WN10
	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	☺	☺
	DNGG150404M-MN3	15,5	0,4	0,08–0,30	0,6–3,5	☹	
	DNGG150408M-MN3	15,5	0,8	0,12–0,35	0,8–3,5	☹	
	DNGG150604M-MN3	15,5	0,4	0,08–0,30	0,6–3,5	☹	
	DNGG150608M-MN3	15,5	0,8	0,12–0,35	0,8–3,5	☹	

Ordering example for the grade WN10: DNGG110402M-MN3 WN10

HC = Coated carbide
HW = Uncoated carbide

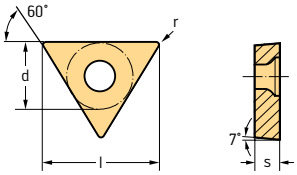
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

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

Turning Insert – Positive triangular 60°

TCMT

Tiger·tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WMP20S	P HE WEP10C	M HC WSM10S	M HC WMP20S	M HC WSM20S	K HC WKP01G	S HC WSM10S	S HC WSM20S
	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		😊	😐								
	TCMT110304-FP4	11	0,4	0,05–0,16	0,1–1,5		🙁	🙁								
	TCMT110308-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		😊	😐		😊						
	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				😐		😊	😐	😐		😊	😐
	TCMT220408-MM4	22	0,8	0,12–0,32	0,5–3,5								🙁			🙁
	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		😊	😐								
	TCMT110304-MP4	11	0,4	0,08–0,20	0,4–2,0		🙁	🙁								
	TCMT110308-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			😐								
	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			😐								
	TCMT110308-MP6	11	0,8	0,16–0,30	0,6–3,0			🙁								
	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		😊	😐								

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: TCMT06T102-FP4 WPP20G

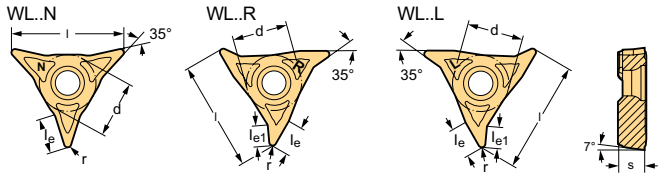
HC = Coated carbide
HE = Coated cermet

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

Indexable inserts copy turning system

WL...-VC...

Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	l_e mm	l_{e1} mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WMP20S	M HC WMP20S	M HC WSM20S	K HC WKP01G	S HC WSM20S
	WL17-VC0502R-FP4	0,2	17	4,3	2,5	0,04–0,15	0,1–1,2			😐					
	WL17-VC0504R-FP4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8			😐					
	WL17-VC0508R-FP4	0,8	17	5	3,6	0,08–0,25	0,2–1,8			😐					
	WL25-VC0704R-FP4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0	☺	☺	😐				☺	
	WL25-VC0708R-FP4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0	☺	☺	😐				☺	
	WL17-VC0502L-FP4	0,2	17	4,3	2,5	0,04–0,15	0,1–1,2			😐					
	WL17-VC0504L-FP4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8			😐					
	WL17-VC0508L-FP4	0,8	17	5	3,6	0,08–0,25	0,2–1,8			😐					
	WL25-VC0704L-FP4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0	☺	☺	😐				☺	
	WL25-VC0708L-FP4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0	☺	☺	😐				☺	
	WL17-VC0504R-MM4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8						😐		😐
	WL17-VC0508R-MM4	0,8	17	5	3,6	0,08–0,25	0,2–1,8						😐		😐
	WL25-VC0704R-MM4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5				😐	😐	😐		😐
	WL25-VC0708R-MM4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5				😐	😐	😐		😐
	WL17-VC0504L-MM4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8						😐		😐
	WL17-VC0508L-MM4	0,8	17	5	3,6	0,08–0,25	0,2–1,8						😐		😐
	WL25-VC0704L-MM4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5				😐	😐	😐		😐
	WL25-VC0708L-MM4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5				😐	😐	😐		😐
	WL17-VC0504R-MP4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8			😐					
	WL17-VC0508R-MP4	0,8	17	5	3,6	0,08–0,25	0,2–1,8			😐					
	WL25-VC0704R-MP4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5		☺	😐					
	WL25-VC0708R-MP4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5		☺	😐					
	WL17-VC0504L-MP4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8			😐					
	WL17-VC0508L-MP4	0,8	17	5	3,6	0,08–0,25	0,2–1,8			😐					
	WL25-VC0704L-MP4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5		☺	😐					
	WL25-VC0708L-MP4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5		☺	😐					

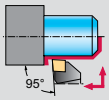
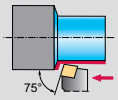
Ordering example for the grade WPP20G: WL17-VC0502R-FP4 WPP20G

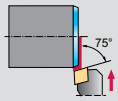
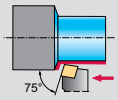
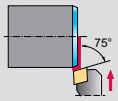
HC = Coated carbide

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

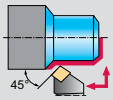
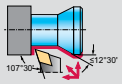
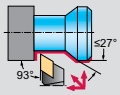
New addition to the product range = ☺ 😐 ☹ / ★

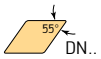
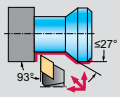
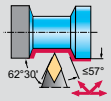
Square-shank turning toolholders – Negative basic shape

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				
QR code				
www.walter-tools.com/woc/	DCLN	DCLN-P	PCLN	DCBN

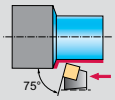
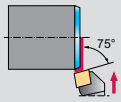
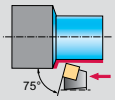
Type				
Machining				
				
Designation	**DCKN**	**DCRN**	**PCBN**	**PCKN**
Approach angle	75°	75°	75°	75°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	25–32		25–32	25
Shank size h [Inch]	1,000–1,250	1,000–1,250		
Insert size l [mm]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

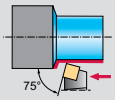
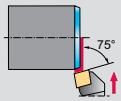
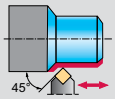
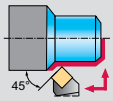
Square-shank turning toolholders – Negative basic shape

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

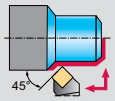
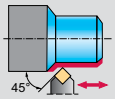
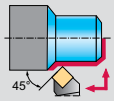
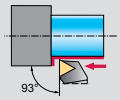
Type				
Machining				
				
Designation	**DDJN...-P**	**PDJN**	**DDNN**	**DDPN**
Approach angle	93°	93°	62,5°	62,5°
Clamping system	Claw	Lever-type	Claw	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–25	16–32	20–32	
Shank size h [Inch]	0,750–1,000			0,750–1,250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

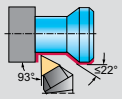
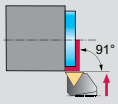
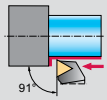
Square-shank turning toolholders – Negative basic shape

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

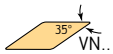
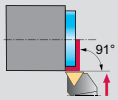
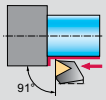
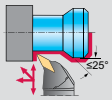
Type				
Machining				
				
Designation	**PSBN**	**PSKN**	**DSDN**	**DSSN**
Approach angle	75°	75°	45°	45°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	External	External	External
Shank size h [mm]	20–50	20–32	20–32	20–32
Shank size h [Inch]			0,625–1,500	1,000
Insert size l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

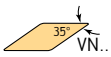
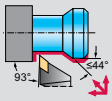
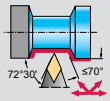
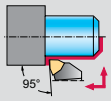
Square-shank turning toolholders – Negative basic shape

Type	 SN..			 TN..
Machining				
				
Designation	**DSSN...-P**	**PSDN**	**PSSN**	**DTJN**
Approach angle	45°	45°	45°	93°
Clamping system	Claw	Lever-type	Lever-type	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	25	12–40	16–32	
Shank size h [Inch]				0,750–1,250
Insert size l [mm]	12	9–25	9–19	16–27
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DSSN-P	PSDN	PSSN	DTJN

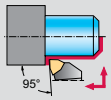
Type	 TN..			
Machining				
				
Designation	**MTJN**	**DTFN**	**DTGN**	**DTGN...-P**
Approach angle	93°	91°	91°	91°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	20–32		20–32	20–25
Shank size h [Inch]		1,000		
Insert size l [mm]	16–22	22	16–22	16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	MTJN	DTFN	DTGN	DTGN-P

Square-shank turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	PTFN	PTGN	DVPN	DVTN
Approach angle	91°	91°	117,5°	117,5°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	External	External	External
Shank size h [mm]	16–25	16–40	25–32	
Shank size h [Inch]				0,750–1,250
Insert size l [mm]	16	11–27	16	16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	PTFN	PTGN	DVPN	DVTN

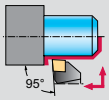
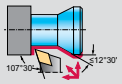
Type				
Machining				
				
Designation	DVJN	DVJN...-P	DVVN	DWLN
Approach angle	93°	93°	72,5°	95°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	20–32	20–25	20–32	16–32
Shank size h [Inch]	0,750–1,250	0,750–1,000	0,750–1,250	0,750–1,250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

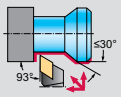
Square-shank turning toolholders – Negative basic shape

Type	
Machining	

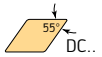
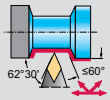
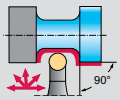
		
Designation	**DWLN...-P**	**PWLN**
Approach angle	95°	95°
Clamping system	Claw	Lever-type
Coolant supply	Precision cooling	External
Shank size h [mm]	20–25	16–32
Shank size h [Inch]	0,750–1,000	
Insert size l [mm]	8	6–10
Page in catalogue		
QR code		
www.walter-tools.com/woc/	DWLN-P	PWLN

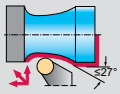
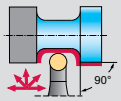
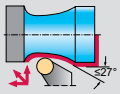
Square-shank turning toolholders – Positive basic shape

Type				
Machining				
				
Designation	SCLC	SCLC...-P	SCLC...-S-P	SDHC
Approach angle	95°	95°	95°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	Precision cooling	Precision cooling	External
Shank size h [mm]	10–25	20–25	10–16	12–25
Shank size h [Inch]	0,375–1,250	0,750–1,000		
Insert size l [mm]	6–12	9	6–9	7–11
Page in catalogue				
QR code				
www.walter-tools.com/woc/	SCLC	SCLC-P	SCLC-S-P	SDHC

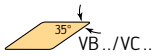
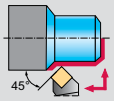
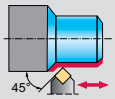
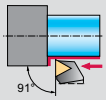
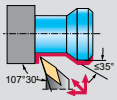
Type				
Machining				
				
Designation	SDJC	SDJC...-P	SDJC...-S-P	DDJC...-P
Approach angle	93°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	External	Precision cooling	Precision cooling	Precision cooling
Shank size h [mm]	10–25	20–25	10–16	20–25
Shank size h [Inch]	0,375–1,000	0,750–1,000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

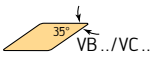
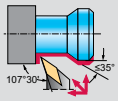
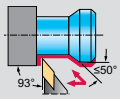
Square-shank turning toolholders – Positive basic shape

Type	 DC..		 RC..	
Machining				
				
Designation	**SDNC**	**SDNC...-P**	**SRAC**	**SRDC**
Approach angle	62,5°	62,5°		
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	10–25	12–16		12–32
Shank size h [Inch]			1,000–1,250	0,500–1,250
Insert size l [mm]	7–11	7–11	6–12	6–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	SDNC	SDNC-P	SRAC	SRDC

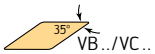
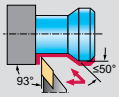
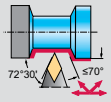
Type	 RC..			
Machining				
				
Designation	**SRGC**	**SRSC**	**PRDC**	**PRGC**
Approach angle				
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]		20–32	20–50	20–40
Shank size h [Inch]	1,000	1,000		
Insert size l [mm]	12	6–16	10–32	10–25
Page in catalogue				
QR code				
www.walter-tools.com/woc/	SRGC	SRSC	PRDC	PRGC

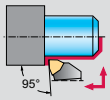
Square-shank turning toolholders – Positive basic shape

Type				
Machining				
				
Designation	**SSDC**	**SSDCN**	**STGC**	**SVHB**
Approach angle	45°	45°	91°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	External	External	External
Shank size h [mm]	16–25	12–25	12–25	16–32
Shank size h [Inch]		0,375–0,750	0,375–1,000	
Insert size l [mm]	9–12	6–12	11–16	11–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	SSDC	SSDCN	STGC	SVHB

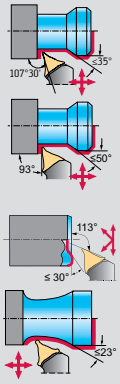
Type				
Machining				
				
Designation	**PVHB**	**SVJB**	**SVJB...-P**	**SVJB...-S-P**
Approach angle	107,5°	93°	93°	93°
Clamping system	Lever-type	Screw	Screw	Screw
Coolant supply	External	External	Precision cooling	Precision cooling
Shank size h [mm]	16–32	12–32	20–25	10–16
Shank size h [Inch]		0,500–1,000		
Insert size l [mm]	11–16	11–16	16	11
Page in catalogue				
QR code				
www.walter-tools.com/woc/	PVHB	SVJB	SVJB-P	SVJB-S-P

Square-shank turning toolholders – Positive basic shape

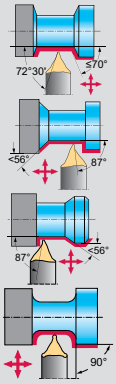
Type				
Machining				
				
Designation	**DVJB...-P**	**PVJB**	**SVVB**	**PVVB**
Approach angle	93°	93°	72,5°	72,5°
Clamping system	Claw	Lever-type	Screw	Lever-type
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–25	16–32	12–32	20–32
Shank size h [Inch]			0,750–1,000	
Insert size l [mm]	16	11–16	11–16	11–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DVJB-P	PVJB	SVVB	PVVB

Type	
Machining	
	
Designation	**SWLC**
Approach angle	95°
Clamping system	Screw
Coolant supply	External
Shank size h [mm]	12–25
Shank size h [Inch]	
Insert size l [mm]	4–8
Page in catalogue	
QR code	
www.walter-tools.com/woc/	SWLC

Shank tool – WL Copy turning system

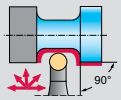
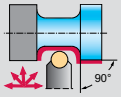
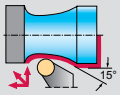
Type		 WL . .	
Machining			
	NEW	NEW	NEW
			
Designation	**W1011**	**W1011...-P**	**W1011...-S-P**
Approach angle	107,5°	107,5°	107,5°
Clamping system			
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	16–32	16–32	12–16
Shank size h [Inch]		0,750–1,000	0,500–0,625
Insert size l [mm]			
Page in catalogue	48	49	
QR code			
www.walter-tools.com/woc/	W1011	W1011-P	W1011-S-P

Shank tool – WL Copy turning system

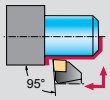
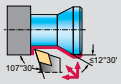
Type	 WL . .	
Machining		

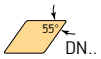
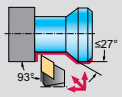
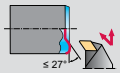
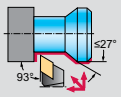
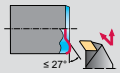
Designation	**W1010...-P**	
Approach angle	72,5°	
Clamping system		
Coolant supply	Precision cooling	
Shank size h [mm]	16–25	
Shank size h [Inch]	0,750–1,000	
Insert size l [mm]		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	W1010-P	

Square-shank turning toolholders – Ceramic indexable inserts

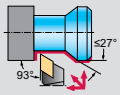
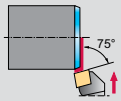
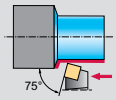
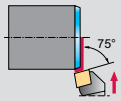
Type	RC../RP..	RN..		
Machining				
				
Designation	**CRDC**	**CRDN**	**CRSN**	**CRSN...-P**
Approach angle				
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	32	25–32	25–32	25
Shank size h [Inch]				
Insert size l [mm]	9–12	12	12–15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

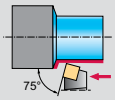
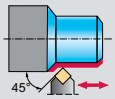
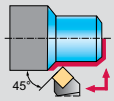
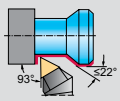
Walter Capto™ turning toolholders – Negative basic shape

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				
QR code				
www.walter-tools.com/woc/	C-DCLN	C-DCLN-P	C-PCLN	C-DDHN-P

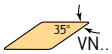
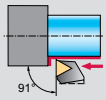
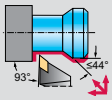
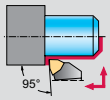
Type				
Machining				
				
Designation	**C...-DDJN**	**C...-DDUN**	**C...-DDJN...-P**	**C...-DDUN...-P**
Approach angle	93°	93°	93°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Internal	Internal	Precision cooling	Precision cooling
Walter Capto™ size	C4–C8	C4–C8	C4–C8	C6
Insert size l [mm]	11–15	15	11–15	15
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-DDJN	C-DDUN	C-DDJN-P	C-DDUN-P

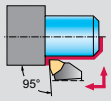
Walter Capto™ turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	**C...-PDJN**	**C...-DSKN**	**C...-DSRN**	**C...-PSKN**
Approach angle	93°	75°	75°	75°
Clamping system	Lever-type	Claw	Claw	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C6	C4–C8	C4–C8	C6–C8
Insert size l [mm]	11–15	12–19	12–25	15–19
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-PDJN	C-DSKN	C-DSRN	C-PSKN

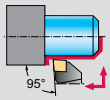
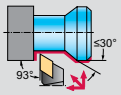
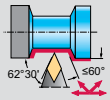
Type				
Machining				
				
Designation	**C...-PSRN**	**C...-DSDN**	**C...-DSSN**	**C...-MTJN**
Approach angle	75°	45°	45°	93°
Clamping system	Lever-type	Claw	Claw	Claw
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C6–C8	C4–C8	C4–C6	C4–C6
Insert size l [mm]	19–25	12–25	12–19	16–22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

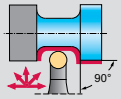
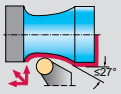
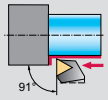
Walter Capto™ turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	**C...-DTGN...-P**	**C...-DVJN**	**C...-DVJN...-P**	**C...-DWLN**
Approach angle	91°	93°	93°	95°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Precision cooling	Internal	Precision cooling	Internal
Walter Capto™ size	C4	C4–C8	C4–C6	C4–C6
Insert size l [mm]	16	16	16	6–10
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-DTGN-P	C-DVJN	C-DVJN-P	C-DWLN

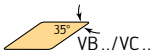
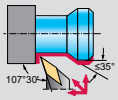
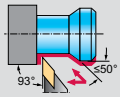
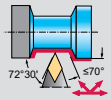
Type		
Machining		
		
Designation	**C...-DWLN...-P**	**C...-PWLN**
Approach angle	95°	95°
Clamping system	Claw	Lever-type
Coolant supply	Precision cooling	Internal
Walter Capto™ size	C4–C6	C3–C6
Insert size l [mm]	8	6–10
Page in catalogue		
QR code		
www.walter-tools.com/woc/	C-DWLN-P	C-PWLN

Walter Capto™ turning toolholders – Positive basic shape

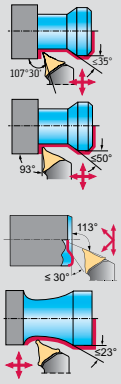
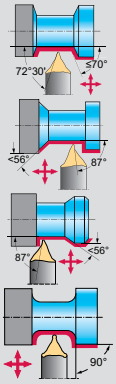
Type				
Machining				
				
Designation	C...-SCLC	C...-SDJC	C...-DDJC...-P	C...-SDNC
Approach angle	95°	93°	93°	62,5°
Clamping system	Screw	Screw	Claw	Screw
Coolant supply	Internal	Internal	Precision cooling	Internal
Walter Capto™ size	C3–C6	C3–C6	C4–C5	C3–C5
Insert size l [mm]	9–12	7–11	11	11
Page in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

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

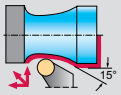
Walter Capto™ turning toolholders – Positive basic shape

Type				
Machining				
				
Designation	**C...-SVHB**	**C...-SVJB**	**C...-DVJB...-P**	**C...-SVVB**
Approach angle	107,5°	93°	93°	72,5°
Clamping system	Screw	Screw	Claw	Screw
Coolant supply	Internal	Internal	Precision cooling	Internal
Walter Capto™ size	C3–C6	C3–C6	C4–C8	C4–C6
Insert size l [mm]	11–16	11–16	16	11–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-SVHB	C-SVJB	C-DVJB-P	C-SVVB

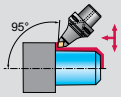
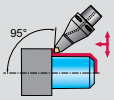
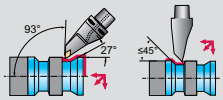
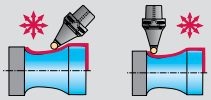
Walter Capto™ – WL copy turn system

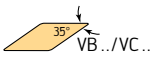
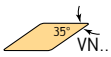
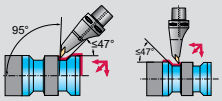
Type	 WL . .	
Machining		
	NEW 	
Designation	**W1011-C...-P**	**W1010-C...-P**
Approach angle	107,5°	72,5°
Clamping system		
Coolant supply	Precision cooling	Precision cooling
Walter Capto™ size	C3–C6	C4–C6
Insert size l [mm]		
Page in catalogue	51	
QR code		
www.walter-tools.com/woc/	W1011-C-P	W1010-C-P

Square-shank turning toolholders – Ceramic indexable inserts

Type	 RN..	
Machining		
		
Designation	C...-CRSN...-P	
Approach angle		
Clamping system	Claw	
Coolant supply	Precision cooling	
Walter Capto™ size	C6	
Insert size l [mm]	12	
Page in catalogue		
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°	
Clamping system	Screw	Claw	Claw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C6	C5–C8	C5–C8	C6
Insert size l [mm]	12	12–16	15	10–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-SCMC	C-DCMN	C-DDMN	C-SRDC

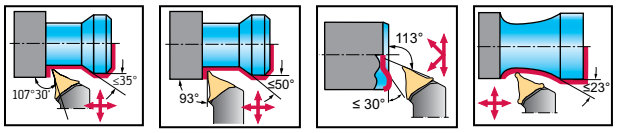
Type		
Machining		
		
Designation	**C...-SVMB**	**C...-DVMN**
Approach angle	95°	95°
Clamping system	Screw	Claw
Coolant supply	Internal	Internal
Walter Capto™ size	C5–C6	C8
Insert size l [mm]	16	16
Page in catalogue		
QR code		
www.walter-tools.com/woc/	C-SVMB	C-DVMN

Shank tool – Copy turning system

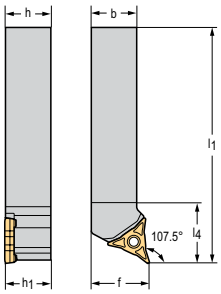
W1011 mm

Walter Turn

– With WL form-fit system



Tool



Square shank

Designation		h = h1 mm	b mm	f mm	l1 mm	l4 mm	γ	λs	Type
W1011-1616R-WL25	25	16	16	20	100	33,5	0°	0°	WL25..
W1011-2020R-WL25	25	20	20	25	125	33,5	0°	0°	
W1011-2525R-WL25	25	25	25	32	150	33,5	0°	0°	
★ W1011-3232R-WL25	25	32	32	40	170	30,2	0°	0°	
W1011-1616L-WL25	25	16	16	20	100	33,5	0°	0°	WL25..
W1011-2020L-WL25	25	20	20	25	125	33,5	0°	0°	
W1011-2525L-WL25	25	25	25	32	150	33,5	0°	0°	
★ W1011-3232L-WL25	25	32	32	40	170	30,2	0°	0°	

Assembly parts

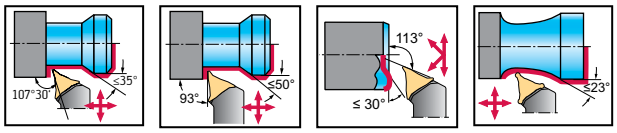
	Type	WL25..
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

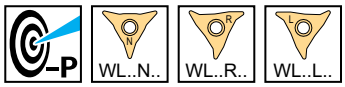
Shank tool – Copy turning system

W1011...-P mm

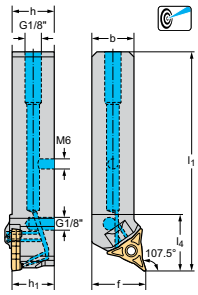
Walter Turn

– Precision cooling
– With WL form-fit system





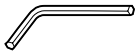
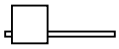
Tool



Square shank

Designation		h = h1 mm	b mm	f mm	l1 mm	l4 mm	γ	λs	Type
W1011-2020R-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
★ W1011-2525R-WL17-P	17	25	25	32	125	25	0°	0°	
W1011-1616R-WL25-P	25	16	16	20	115	30	0°	0°	WL25..
W1011-2020R-WL25-P	25	20	20	25	115	33,5	0°	0°	
W1011-2525R-WL25-P	25	25	25	32	130	33,5	0°	0°	
W1011-3225R-WL25-P	25	32	25	32	140	36,5	0°	0°	
W1011-2020L-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
★ W1011-2525L-WL17-P	17	25	25	32	125	25	0°	0°	
W1011-1616L-WL25-P	25	16	16	20	115	30	0°	0°	WL25..
W1011-2020L-WL25-P	25	20	20	25	115	33,5	0°	0°	
W1011-2525L-WL25-P	25	25	25	32	130	33,5	0°	0°	
W1011-3225L-WL25-P	25	32	25	32	140	36,5	0°	0°	

Assembly parts

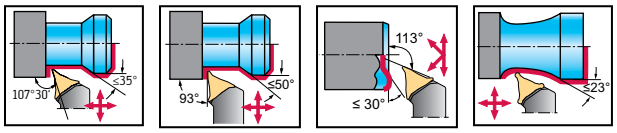
	Type	WL17..	WL25..
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm	FS1495 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)	FS2288 (SW 3)
	Allen key		FS1464 (T20IP)
	Torx key	FS1466 (T9IP)	

Shank tool – Copy turning system

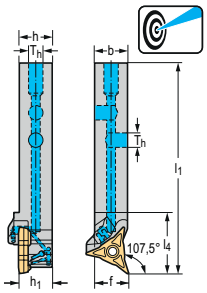
W1011...-S-P inch

Walter Turn

– Precision cooling
– For Swiss Machining



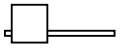
Tool



Square shank

Designation		h = h1 inch	b inch	f inch	l1 inch	l4 inch	γ	λs	Th	Type
★ W1011.08R-WL17-S-P	17	0,500	0,500	0,500	4,331	0,866	0°	0°	UNF 5/16"-24	WL17..
★ W1011.10R-WL17-S-P	17	0,625	0,625	0,625	4,724	0,866	0°	0°	G1/8"	
★ W1011.08L-WL17-S-P	17	0,500	0,500	0,500	4,331	0,866	0°	0°	UNF 5/16"-24	WL17..
★ W1011.10L-WL17-S-P	17	0,625	0,625	0,625	4,724	0,866	0°	0°	G1/8"	

Assembly parts

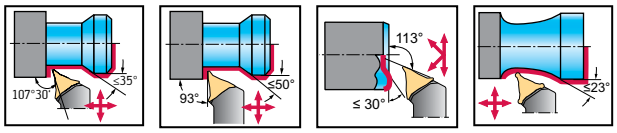
	Type	WL17..
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1,475 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	UNF 5/16-24 threaded plug	FS2593 (SW 4)
	Torx key	FS1466 (T9IP)

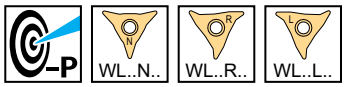
Turning tools – Copy turning system

W1011-C...-P mm

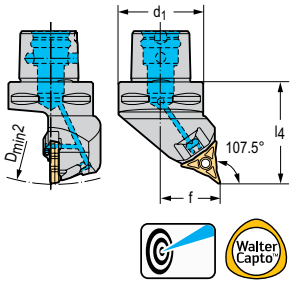
Walter Turn

– Precision cooling
– Walter Capto™





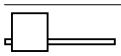
Tool



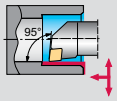
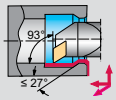
Walter Capto™ in acc. with ISO 26623

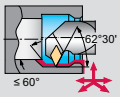
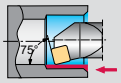
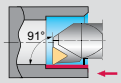
Designation		d1	Dmin mm	f mm	l4 mm	Dmin2 mm	γ	λs	Type
★ W1011-C3R-WL17-P	17	C3	120	22	40	120	0°	0°	WL17..
★ W1011-C4R-WL17-P	17	C4	200	27	50	200	0°	0°	
W1011-C4R-WL25-P	25	C4	200	27	50	200	0°	0°	WL25..
W1011-C5R-WL25-P	25	C5	200	35	60	200	0°	0°	
W1011-C6R-WL25-P	25	C6	200	45	65	200	0°	0°	
★ W1011-C3L-WL17-P	17	C3	120	22	40	120	0°	0°	WL17..
★ W1011-C4L-WL17-P	17	C4	200	27	50	200	0°	0°	
W1011-C4L-WL25-P	25	C4	200	27	50	200	0°	0°	WL25..
W1011-C5L-WL25-P	25	C5	200	35	60	200	0°	0°	
W1011-C6L-WL25-P	25	C6	200	45	65	200	0°	0°	

Assembly parts

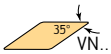
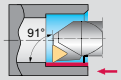
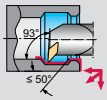
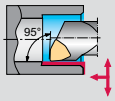
	Type	WL17..	WL25..
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm	FS1495 (T20IP) 5 Nm
	Allen key		FS1464 (T20IP)
	Torx key	FS1466 (T9IP)	

Boring bars – Negative basic shape

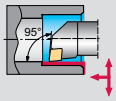
Type				
Machining				
				
Designation	**A...-DCLN**	**A...-PCLN**	**A...-DDUN**	**A...-PDUN**
Approach angle	95°	95°	93°	93°
Clamping system	Claw	Lever-type	Claw	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	25–50	16–40	25–50	25–40
Boring bar Ø d_1 [inch]	0,750–2,000		0,750–2,000	
Insert size l [mm]	9–16	9–16	11–15	11–15
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-DCLN	A-PCLN	A-DDUN	A-PDUN

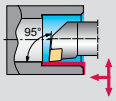
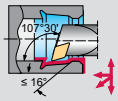
Type			
Machining			
				
Designation	**A...-DDXN**	**A...-DSKN**	**A...-PSKN**	**A...-DTFN**
Approach angle	62,5°	75°	75°	91°
Clamping system	Claw	Claw	Lever-type	Claw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	32–40	25–40	25–32	25–50
Boring bar Ø d_1 [inch]				0,750–2,000
Insert size l [mm]	11–15	12–15	12	16–22
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-DDXN	A-DSKN	A-PSKN	A-DTFN

Boring bars – Negative basic shape

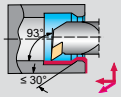
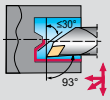
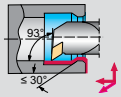
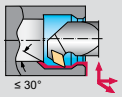
Type				
Machining				
				
Designation	**A...-PTFN**	**A...-DVUN**	**A...-DWLN**	**A...-PWLN**
Approach angle	91°	93°	95°	95°
Clamping system	Lever-type	Claw	Claw	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	16–32	40	25–50	20–32
Boring bar Ø d_1 [inch]		1,250–1,500	1,000–2,000	
Insert size l [mm]	11–16	16	6–10	6–8
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-PTFN	A-DVUN	A-DWLN	A-PWLN

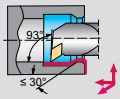
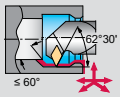
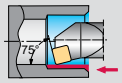
Boring bars – Positive basic shape

Type				
Machining				
				
Designation	A...-SCLC	A...-SCLC...-R	E...-SCLC	E...-SCLC...-R
Approach angle	95°	95°	95°	95°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	8–32	8–20		8–25
Boring bar Ø d_1 [inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–12	6–9	6–9	6–9
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-SCLC	A-SCLC-R	E-SCLC	E-SCLC-R

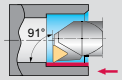
Type				
Machining				
				
Designation	A...-SCLP	E...-SCLP	A...-SDQC	A...-SDQC...-R
Approach angle	95°	95°	107,5°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]			12–25	12–20
Boring bar Ø d_1 [inch]	0,312–1,000	0,375–0,500		
Insert size l [mm]	6–9	6	7–11	7–11
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-SCLP-E-SCLP	E-SCLP	A-SDQC	A-SDQC-R

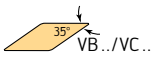
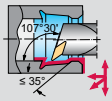
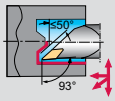
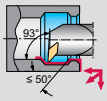
Boring bars – Positive basic shape

Type				
Machining				
				
Designation	A...-SDUC...-R	A...-SDJC	A...-SDUC	A...-SDUC...-X
Approach angle	93°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	10–20	16–25	10–32	16–32
Boring bar Ø d_1 [inch]			0,375–1,000	1,000–1,250
Insert size l [mm]	7–11	7–11	7–11	7–11
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-SDUC-R	A-SDJC	A-SDUC	A-SDUC-X

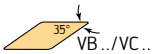
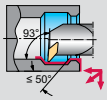
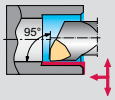
Type				
Machining				
				
Designation	E...-SDUC	E...-SDUC...-R	A...-SDXC...	A...-SSKC
Approach angle	93°	93°	62,5°	75°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]		10–25	12–25	16–25
Boring bar Ø d_1 [inch]	0,375–1,000			
Insert size l [mm]	7–11	7–11	7–11	9–12
Page in catalogue				
QR code				
www.walter-tools.com/woc/	E-SDUC	E-SDUC-R	A-SDXC	A-SSKC

Boring bars – Positive basic shape

Type				
Machining				
				
Designation	**A...-STFC**	**A...-STFC...-R**	**E...-STFC**	**E...-STFC...-R**
Approach angle	91°	91°	91°	91°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	6–32	6–16		6–25
Boring bar Ø d_1 [inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–16	6–11	9–16	6–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-STFC	A-STFC-R	E-STFC	E-STFC-R

Type				
Machining				
				
Designation	**A...-SVQB**	**A...-SVQB...-R**	**A...-SVJB**	**A...-SVUB**
Approach angle	107,5°	107,5°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	16–40	16–20	16–20	16–40
Boring bar Ø d_1 [inch]				0,625–1,500
Insert size l [mm]	11–16	11	11	11–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-SVQB	A-SVQB-R	A-SVJB	A-SVUB

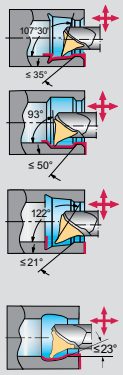
Boring bars – Positive basic shape

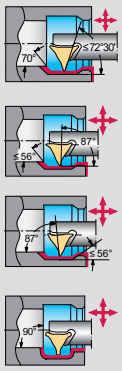
Type			
Machining			
			
Designation	**A...-SVUB...-R**	**E...-SWLC**	**A...-SWLC**
Approach angle	93°	95°	95°
Clamping system	Screw	Screw	Screw
Coolant supply	Internal	Internal	Internal
Boring bar Ø d_1 [mm]	16–20		10–25
Boring bar Ø d_1 [inch]		0,375–0,500	0,375–1,000
Insert size l [mm]	11	4	4–8
Page in catalogue			
QR code			
www.walter-tools.com/woc/	A-SVUB-R	E-SWLC	A-SWLC

Boring bars – WL Copy turning system

Type

Machining





NEW

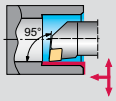
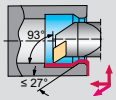
Designation	W1211	W1210
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	Internal	Internal
Boring bar Ø d_1 [mm]	12–40	12–40
Boring bar Ø d_1 [inch]	0,500–1,250	
Insert size l [mm]	17–25	17–25
Page in catalogue	68	
QR code		
www.walter-tools.com/woc/	W1211	W1210

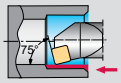
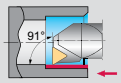
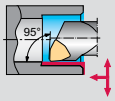
Boring bar adaptor

Type	
Machining	

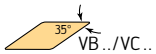
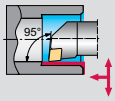
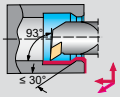
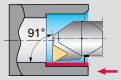
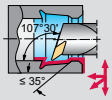
Designation	A2140-W
Approach angle	
Clamping system	
Coolant supply	Internal
Shank size h [mm]	14,2–38,5
Shank size h [Inch]	
Insert size l [mm]	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	A2140-W

Walter Capto™ boring bars – Negative basic shape

Type				
Machining				
				
Designation	**C...-DCLN**	**C...-PCLN**	**C...-DDUN**	**C...-PDUN**
Approach angle	95°	95°	93°	93°
Clamping system	Claw	Lever-type	Claw	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C4–C6	C3–C6	C4–C6	C3–C6
Boring bar Ø d_2 [mm]	25–40	25–50	25–40	25–50
Insert size l [mm]	12–16	12–16	11–15	11–15
Page in catalogue				
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	Internal	Internal	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				
QR code				
www.walter-tools.com/woc/	C-PSKN	C-PTFN	C-DWLN	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	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C5	C3–C5	C4–C5	C3–C6
Boring bar Ø d_2 [mm]	16–40	16–40	16–32	16–50
Insert size l [mm]	9–12	7–11	11–16	11–16
Page in catalogue				
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	Walter Capto™ according to ISO 26623	Walter Capto™ according to ISO 26623
Tool-side	Q25 - Q50	QL60 - QL100	Q25 - Q50	QL60 - QL80
Page in catalogue				
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		
QR code		
www.walter-tools.com/woc/	A3000-HSK-T	A3001-HSK-T

Boring bar adaptor – QuadFit

Cylindrical shank - QuadFit

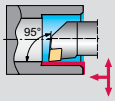
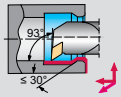
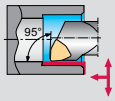
Designation	A2100	
Machine-side	Parallel shank with clamping surface	
Tool-side	Q40 - QL60	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A2100	

Intermediate adaptors – QuadFit Large

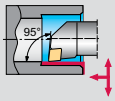
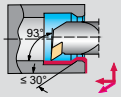
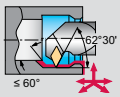
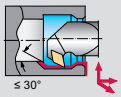
Type		
Machining		

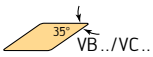
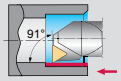
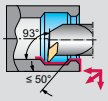
Designation	A2201	
Approach angle		
Clamping system		
Coolant supply	Internal	
Shank size h [mm]	QL100–QL80	
Shank size h [Inch]	QL64–QL76	
Insert size l [mm]		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A2201	

QuadFit exchangeable head – Negative basic shape

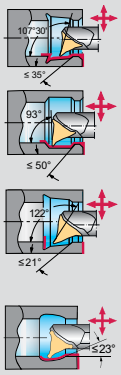
Type			
Machining			
			
Designation	**Q...-DCLN**	**Q...-DDUN**	**Q...-DWLN**
Approach angle	95°	93°	95°
Clamping system	Claw	Claw	Claw
Coolant supply	Internal	Internal	Internal
QuadFit size	Q32–Q50	Q32–Q50	Q32–Q50
Insert size l [mm]	12–16	11–15	6–8
Page in catalogue			
QR code			
www.walter-tools.com/woc/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

QuadFit exchangeable head – Positive basic shape

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

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

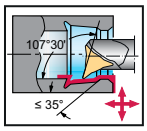
QuadFit exchangeable head – WL copy turning system

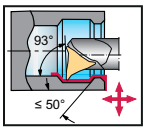
Type	 WL . .	
Machining		
		
Designation	**W1211-Q...**	
Approach angle	107,5°	
Clamping system	Screw	
Coolant supply	Precision cooling	
Shank size h [mm]	Q32–Q50	
Shank size h [Inch]		
Insert size l [mm]	25	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	W1211-Q	

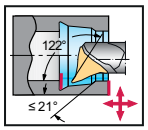
Boring bar – Copy turning system

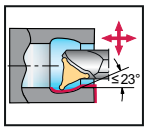
W1211 inch

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

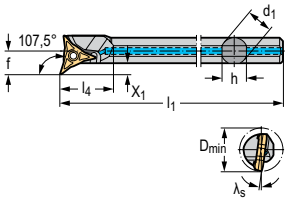








Tool

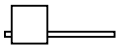


Parallel shank with clamping surface

Designation		d_1 inch	D_{min} inch	f inch	h inch	l_1 inch	l_4 inch	X_1 inch	γ	$λ_s$	Type
★ W1211.08MR-WL17	17	0,500	0,709	0,394	0,480	6,000	0,906	0,144	-3,2°	7,5°	WL17..
★ W1211.10RR-WL17	17	0,625	0,787	0,433	0,593	8,000	0,906	0,12	-3,2°	7,5°	
★ W1211.12SR-WL17	17	0,750	0,984	0,551	0,729	10,000	1,083	0,176	-3,2°	7,5°	
★ W1211.08ML-WL17	17	0,500	0,709	0,394	0,480	6,000	0,906	0,144	-3,2°	7,5°	WL17..
★ W1211.10RL-WL17	17	0,625	0,787	0,433	0,593	8,000	0,906	0,12	-3,2°	7,5°	
★ W1211.12SL-WL17	17	0,750	0,984	0,551	0,729	10,000	1,083	0,176	-3,2°	7,5°	

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

Assembly parts

	Type d_1 [inch]	WL17.. 0,5–0,75
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1,475 lbs
	Torx key	FS1466 (T9IP)

A2

Cutting inserts

System	MX				
Machining	Low feed		Medium feed		
					
Geometry	GD8	VG8	CF5	RF5	A60
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other			●		
Insert width s [mm]	0,5–3,25	2,8	0,8–5,0	1,57–5,0	
a_p [mm]					
f [mm]	0,02–0,15	0,05–0,12	0,02–0,25	0,04–0,25	
Page in catalogue					86
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	86				
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
					
Geometry	GD8	GD3	UF8	UF7	CF5
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●	●●	●	●●
S Materials with difficult cutting properties	●●	●	●●	●●	●●
H Hard materials					
O Other		●			●
Insert width s [mm]	1,0–1,4	2,0–4,0	1,6–4,25	2,0–4,0	1,0–3,0
a_p [mm]			0,1–2,2	0,3–2,2	
f [mm]	0,05–0,10	0,04–0,25	0,05–0,30	0,05–0,30	0,03–0,25
Page in catalogue		85			
QR code					
www.walter-tools.com/woc/	GD8	GD3	UF8	UF7	CF5

System	DX				
Machining	Medium feed				High feed
					
Geometry	GD6	UF4	RF8	RF7	CE4
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●
K Cast iron	●	●●	●	●	●●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●●	●	●●	●●	●
H Hard materials					●
O Other					
Insert width s [mm]	2,0–4,0	2,0–4,0	3,0	2,0–4,0	1,2–3,0
a_p [mm]		0,1–2,8	0,1–1,5	0,1–2,0	
f [mm]	0,04–0,27	0,09–0,27	0,08–0,32	0,08–0,48	0,03–0,27
Page in catalogue		87			85
QR code					
www.walter-tools.com/woc/	GD6	UF4	RF8	RF7	CE4

WALTER SELECT

●● Primary application ● Other application

A2

Cutting inserts

System	DX			GD	
Machining	High feed			Low feed	
					
Geometry	UD4	UA4	RD4	CF6	GD3
P Steel	●●		●●	●●	●●
M Stainless steel	●		●	●●	●●
K Cast iron	●●	●●	●●		●
N NF metals				●●	●
S Materials with difficult cutting properties			●	●●	●
H Hard materials		●			
O Other				●	●
Insert width s [mm]	2,0–4,0	2,0–4,0	2,0–3,0	3,0	3,0–6,0
a_p [mm]	0,3–2,8	0,3–2,8	0,2–1,5		
f [mm]	0,09–0,27	0,08–0,38	0,08–0,35	0,06–0,26	0,06–0,38
Page in catalogue				80	81
QR code					
www.walter-tools.com/woc/	UD4	UA4	RD4	CF6	GD3

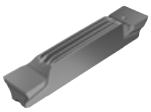
System	GD				
Machining	Low feed	Medium feed			
	NEW	NEW		NEW	NEW
					
Geometry	UF8	CF5	GD6	UE6	UF4
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●●
N NF metals	●●	●●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●
H Hard materials					
O Other		●		●	
Insert width s [mm]	3,0–6,0	2,5–6,0	3,0–6,0	3,0–6,0	3,0–6,35
a_p [mm]	0,1			0,2	0,1–3,5
f [mm]	0,08–0,36	0,06–0,38	0,08–0,40	0,09–0,38	0,09–0,40
Page in catalogue	81	80	81	82	82
QR code					
www.walter-tools.com/woc/	UF8	CF5	GD6	UE6	UF4

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	GD				
Machining	Medium feed		High feed		
	NEW	NEW	NEW		
					
Geometry	RF8	RE6	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]	3,0–6,0	3,0–6,0	2,5–6,0	3,0–6,0	3,0–6,0
a_p [mm]	0,1–3,0	0,1		0,4–3,5	0,4–3,5
f [mm]	0,08–0,65	0,08–0,68	0,07–0,40	0,09–0,40	0,10–0,40
Page in catalogue	83	83	80	82	83
QR code					
www.walter-tools.com/woc/	RF8	RE6	CE4	UD4	UA4

System	GD		GX		
Machining	High feed		Low feed		
	NEW	NEW			
					
Geometry	RD4	.X..N	CK8	CF6	GD8
P Steel	●●	●●		●●	●●
M Stainless steel	●	●●	●	●●	●●
K Cast iron	●●	●●			●
N NF metals		●●	●●	●●	●●
S Materials with difficult cutting properties	●	●●	●	●●	●●
H Hard materials		●●			
O Other		●		●	
Insert width s [mm]	3,0–6,35	4,3–8,0	2,0–4,0	1,5–3,0	1,0–1,4
a_p [mm]	0,5–3,2				
f [mm]	0,10–0,70		0,04–0,22	0,03–0,23	0,05–0,10
Page in catalogue	83	84			
QR code					
www.walter-tools.com/woc/	RD4	-X-N	CK8	CF6	GD8

WALTER SELECT

●● Primary application ● Other application

A2

Cutting inserts

System	GX				
Machining	Low feed				
	NEW 				
Geometry	GD3	UF8	VG7	RK8	TM-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]	2,0–6,0	1,6–6,0	2,8	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
f [mm]	0,04–0,28	0,05–0,35	0,05–0,25	0,10–0,60	0,02–0,15
Page in catalogue	85				
QR code					
www.walter-tools.com/woc/	GD3	UF8	VG7	RK8	TM-1

System	GX				
Machining	Low feed	Medium feed			
					
Geometry	EM-1	CF5	GD6	UD6	UF4
P Steel		●●	●●	●	●●
M Stainless steel		●●	●●	●●	●●
K Cast iron		●	●		●●
N NF metals		●●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●		●
H Hard materials					
O Other		●			
Insert width s [mm]	3,0–6,0	2,0–5,0	2,0–6,0	2,0–6,0	2,0–8,0
a_p [mm]	0,05–3,0			0,3–3,5	0,3–4,0
f [mm]	0,10–0,30	0,03–0,25	0,04–0,30	0,06–0,35	0,10–0,55
Page in catalogue					87
QR code					
www.walter-tools.com/woc/	EM-1	CF5	GD6	UD6	UF4

WALTER SELECT ●● Primary application ● Other application

Cutting inserts

System	GX				
Machining	Medium feed				
					
Geometry	RF8	RF7	FS-M1	FS-F1	AF5
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	3,0–5,0	2,0–6,0	2,0–6,0	5,0
a_p [mm]	0,1–4,0	0,1–2,5	0,1–3,0		0,5
f [mm]	0,05–0,60	0,10–0,53	0,05–0,50	0,04–0,28	0,15–0,30
Page in catalogue					
QR code					
www.walter-tools.com/woc/	RF8	RF7	FS-M1	FS-F1	AF5

System	GX				
Machining	High feed				
	NEW 				
Geometry	CE4	UD4	UA4	RD4	.X..N
P Steel	●●	●●		●●	●●
M Stainless steel	●	●		●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●				●●
S Materials with difficult cutting properties	●			●	●●
H Hard materials	●		●		●●
O Other					●
Insert width s [mm]	2,0–6,0	2,0–8,0	2,0–6,0	2,0–8,0	4,8–10,3
a_p [mm]		0,3–4,0	0,3–3,5	0,2–4,0	
f [mm]	0,04–0,40	0,10–0,40	0,08–0,40	0,08–0,80	
Page in catalogue	85				
QR code					
www.walter-tools.com/woc/	CE4	UD4	UA4	RD4	-X-N

WALTER SELECT

●● Primary application ● Other application

A2

Cutting inserts

System	SX				
Machining	Low feed			Medium feed	
					NEW 
Geometry	CK8	CF6	SK8	CF5	UF4
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	2,0–3,0	1,5–4,0	1,5–6,0	8,0
a_p [mm]					0,9–4,0
f [mm]	0,04–0,25	0,03–0,23	0,03–0,20	0,03–0,30	0,18–0,55
Page in catalogue					87
QR code					
www.walter-tools.com/woc/	CK8	CF6	SK8	CF5	UF4

System	SX			UX	WT
Machining	Medium feed		High feed	Medium feed	Low feed
			NEW 	NEW 	
Geometry	SF5	SE6	CE4	GD2	CD8
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●	●		●●
K Cast iron	●	●●	●●	●●	●
N NF metals	●●	●	●		●●
S Materials with difficult cutting properties	●●	●	●		●●
H Hard materials		●	●		
O Other	●				
Insert width s [mm]	1,5–5,0	5,0	1,5–10,0	12,0–19,0	0,7–2,0
a_p [mm]					
f [mm]	0,03–0,25	0,10–0,25	0,03–0,60	0,20–0,60	0,02–0,14
Page in catalogue			85	88	
QR code					
www.walter-tools.com/woc/	SF5	SE6	CE4	GD2	CD8

WALTER SELECT ●● Primary application ● Other application

Cutting inserts

System	WT				
Machining	Low feed				
					
Geometry	GD8	DG8	UA8	VG8	RA8
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other					
Insert width s [mm]	0,5–2,5	3,0	1,0–2,5	3,0	1,25–1,6
a_p [mm]		0,1–4,0	0,1–3,0	0,1–4,0	0,05–0,8
f [mm]	0,02–0,16	0,02–0,16	0,02–0,16	0,02–0,16	0,02–0,14
Page in catalogue					
QR code					
www.walter-tools.com/woc/	GD8	DG8	UA8	VG8	RA8

System	WT		
Machining			
			
Geometry	AG60	ISO	.X..N
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●	●	●●
N NF metals	●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials			●●
O Other			●
Insert width s [mm]			3,0
a_p [mm]			
f [mm]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	AG60	ISO	-X-N

WALTER SELECT

●● Primary application ● Other application

A2

Cutting inserts

System	WE..-G	WE..-GR	WE..-GP	WE..-T	WE..-T..X
Machining					
					
Geometry	G	GR	GP	T	T-X
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Insert width s [mm]	0,7–3,18	0,8–3,0	1,0		
a_p [mm]				–1,9	–1,9
f [mm]	0,01–0,04	0,01–0,04	0,01–0,04	0,02–0,10	0,02–0,10
Page in catalogue					
QR code					
www.walter-tools.com/woc/	G	GR	GP	T	T-X

System	WE..-C	WE..-B	WE..-A	WE..-AR	WE..-AC
Machining					
					
Geometry	C	B	A	AR	AC
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Insert width s [mm]			1,0–3,0	1,5–3,0	1,0–3,0
a_p [mm]	0,05	0,05			
f [mm]	0,02–0,10	0,02–0,10	0,01–0,04	0,01–0,04	0,01–0,04
Page in catalogue					
QR code					
www.walter-tools.com/woc/	C	B	A	AR	AC

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	WE..-AD	WE..-I
Machining		
		
Geometry	AD	I
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●	●
N NF metals	●	●
S Materials with difficult cutting properties	●●	●●
H Hard materials	●	
O Other	●	
Insert width s [mm]	1,5–3,0	
a_p [mm]		
f [mm]	0,01–0,04	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	AD	I

WALTER SELECT

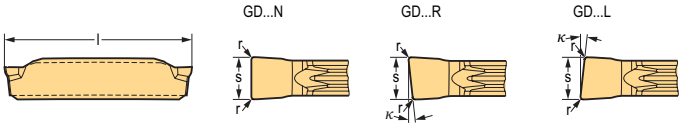
●● Primary application ● Other application

A2

Grooving and parting off – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

Designation	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WSM13G	P HC WKP23G	P HC WSM23G	P HC WSM33G	P HC WSM43G	M HC WSM13G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP23G	S HC WSM13G	S HC WSM23G	S HC WSM33G	S HC WSM43G
GD26-3E300N02-CF6	3	0,2		26,5	0,06–0,26	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-3E300R6-CF6	3	0,2	6	26,5	0,06–0,23	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-3E300L6-CF6	3	0,2	6	26,5	0,06–0,23	±0,05	±0,15				☺				☺					☺	
GD26-3F300N02-CF6	3	0,2		26,5	0,06–0,26	±0,05	±0,15				☺				☺					☺	
GD26-2E250N02-CF5	2,5	0,2		26,5	0,06–0,22	±0,05	±0,15				☺				☺					☺	
GD26-3E300N00-CF5	3	0		26,5	0,07–0,26	±0,05	±0,15				☹				☹					☹	
GD26-3E300N02-CF5	3	0,2		26,5	0,06–0,28	±0,05	±0,15	☺		☺	☺	☹	☺	☺	☺	☹		☺	☺	☺	☹
GD26-4E400N02-CF5	4	0,2		26,5	0,08–0,30	±0,05	±0,15	☺		☺	☺	☹	☺	☺	☺	☹		☺	☺	☺	☹
GD26-5E500N03-CF5	5	0,3		26,5	0,10–0,35	±0,05	±0,15	☺		☺	☺	☹	☺	☺	☺	☹		☺	☺	☺	☹
GD26-6E600N03-CF5	6	0,3		26,5	0,10–0,38	±0,05	±0,15			☺	☹			☺	☹				☺	☹	
GD26-3E300R6-CF5	3	0,2	6	26,5	0,06–0,25	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-4E400R6-CF5	4	0,2	6	26,5	0,08–0,28	±0,05	±0,15				☹				☹					☹	
GD26-3E300L6-CF5	3	0,2	6	26,5	0,06–0,25	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-4E400L6-CF5	4	0,2	6	26,5	0,08–0,28	±0,05	±0,15				☹				☹					☹	
GD26-3F300N02-CF5	3	0,2		26,2	0,06–0,28	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-4F400N02-CF5	4	0,2		26,5	0,08–0,30	±0,05	±0,15				☺				☺					☺	
GD26-5F500N03-CF5	5	0,3		26,2	0,10–0,35	±0,05	±0,15				☺				☺					☺	
GD26-2E250N02-CE4	2,5	0,2		26,5	0,07–0,25	±0,05	±0,15				☺				☺					☺	
GD26-3E300N02-CE4	3	0,2		26,5	0,08–0,30	±0,05	±0,15		☺	☺	☺	☹		☺	☺	☹	☺		☺	☺	☹
GD26-4E400N03-CE4	4	0,3		26,5	0,10–0,32	±0,05	±0,15		☺	☺	☺	☹		☺	☺	☹	☺		☺	☺	☹
GD26-5E500N03-CE4	5	0,3		26,5	0,12–0,38	±0,05	±0,15		☺		☺	☹			☺	☹	☺			☺	☹
GD26-6E600N03-CE4	6	0,3		26,5	0,12–0,40	±0,05	±0,15		☺		☺	☹			☺	☹	☺			☺	☹
GD26-3E300R6-CE4	3	0,2	6	26,5	0,08–0,26	±0,05	±0,15		☺		☺	☹			☺	☹	☺			☺	☹
GD26-4E400R6-CE4	4	0,2	6	26,5	0,10–0,30	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-3E300L6-CE4	3	0,2	6	26,5	0,08–0,26	±0,05	±0,15		☺		☺	☹			☺	☹	☺			☺	☹
GD26-4E400L6-CE4	4	0,2	6	26,5	0,10–0,30	±0,05	±0,15				☺				☺					☺	
GD26-3F300N02-CE4	3	0,2		26,2	0,08–0,30	±0,05	±0,15				☺	☹			☺	☹				☺	☹
GD26-4F400N03-CE4	4	0,3		26,5	0,10–0,32	±0,05	±0,15				☺	☹			☺	☹				☺	☹

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33G: GD26-3E300N02-CF6 WSM33G

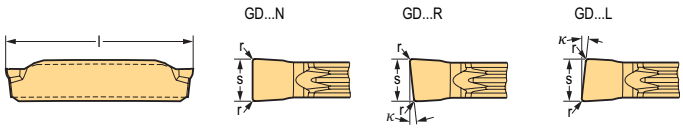
HC = Coated carbide

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

Grooving and parting off – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WSM13G	P HC WKP23G	P HC WSM23G	P HC WSM33G	P HC WSM43G	M HC WSM13G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP23G	S HC WSM13G	S HC WSM23G	S HC WSM33G	S HC WSM43G
	GD26-3E300N03-GD3	3	0,3		26,5	0,06–0,23	±0,05	±0,15		☺		😐	☹			😐	☹	☺			😐	☹
	GD26-4E400N04-GD3	4	0,4		26,5	0,08–0,28	±0,05	±0,15		☺		😐	☹			😐	☹	☺			😐	☹
	GD26-5E500N04-GD3	5	0,4		26,5	0,09–0,32	±0,05	±0,15		☺		😐				😐		☺			😐	
	GD26-6E600N05-GD3	6	0,5		26,5	0,10–0,38	±0,05	±0,15		☺		😐				😐		☺			😐	
	GD26-3E300N03-GD6	3	0,3		26,5	0,08–0,25	±0,05	±0,15			☺	😐			☺	😐				☺	😐	
	GD26-4E400N04-GD6	4	0,4		26,5	0,09–0,30	±0,05	±0,15			☺	😐			☺	😐				☺	😐	
	GD26-5E500N04-GD6	5	0,4		26,5	0,10–0,35	±0,05	±0,15			☺	😐			☺	😐				☺	😐	
	GD26-6E600N05-GD6	6	0,5		26,5	0,12–0,40	±0,05	±0,15			☺	😐			☺	😐				☺	😐	

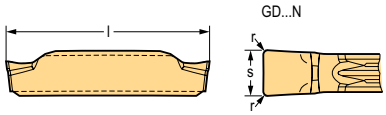
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33G: GD26-3E300N02-CF6 WSM33G

HC = Coated carbide

Grooving and recessing – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC WKP13G	P HC WKP23G	P HC WSM23G	P HC WKP33G	P HC WSM33G	P HC WSM43G	M HC WSM13G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP13G	K HC WKP23G	K HC WKP33G	S HC WSM13G	S HC WSM23G	S HC WSM33G	S HC WSM43G	H HC WKP13G
	GD26-3E300N02-UF8	3	0,2	26,5	0,08–0,25	0,1–1,5	±0,05	±0,03			☺				☺	☺						☺	☺			
	GD26-3E300N04-UF8	3	0,4	26,5	0,08–0,25	0,2–1,5	±0,05	±0,03			☺					☺							☺			
	GD26-3E318N02-UF8	3,18	0,2	26,5	0,08–0,25	0,1–1,8	±0,05	±0,03			☺					☺							☺			
	GD26-4E400N02-UF8	4	0,2	26,5	0,09–0,26	0,1–2,0	±0,05	±0,03			☺					☺							☺			
	GD26-4E400N04-UF8	4	0,4	26,5	0,10–0,26	0,2–2,0	±0,05	±0,03			☺				☺	☺						☺	☺			
	GD26-5E500N02-UF8	5	0,2	26,5	0,10–0,32	0,3–2,5	±0,05	±0,03			☺					☺							☺			
	GD26-5E500N04-UF8	5	0,4	26,5	0,10–0,31	0,2–2,5	±0,05	±0,03			☺				☺	☺						☺	☺			
	GD26-5E500N08-UF8	5	0,8	26,5	0,10–0,31	0,4–2,5	±0,05	±0,03			☺					☺							☺			
	GD26-5E556N05-UF8	5,56	0,5	26,5	0,10–0,35	0,2–2,5	±0,05	±0,03			☺					☺							☺			
	GD26-6E600N02-UF8	6	0,2	26,5	0,10–0,36	0,1–3,0	±0,05	±0,03			☺					☺							☺			
	GD26-6E600N04-UF8	6	0,4	26,5	0,10–0,36	0,2–3,0	±0,05	±0,03			☺					☺							☺			
	GD26-6E600N08-UF8	6	0,8	26,5	0,12–0,36	0,4–3,0	±0,05	±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 WSM13G: GD26-3E300N02-UF8 WSM13G

HC = Coated carbide

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

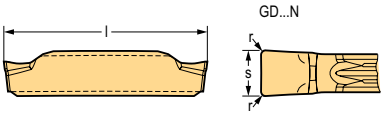
☺ 😐 ☹ / ★ = New addition to the product range

A2

Grooving and recessing – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P						M				K			S				H
										HC						HC				HC			HC			HC
									WKP13G	WKP23G	WSM23G	WKP33G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G	WKP23G	WKP33G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G
	GD26-3E300N03-UE6	3	0,3	26,5	0,09–0,25	0,2–2,0	±0,05	±0,15		😊	😊		😐		😊	😊	😐			😐		😊	😊	😐		
	GD26-4E400N04-UE6	4	0,4	26,5	0,10–0,28	0,2–2,8	±0,05	±0,15		😊	😊		😐		😊	😊	😐			😐		😊	😊	😐		
	GD26-5E500N04-UE6	5	0,4	26,5	0,10–0,33	0,2–3,0	±0,05	±0,15		😊	😊		😐		😊	😊	😐			😐		😊	😊	😐		
	GD26-5E500N08-UE6	5	0,8	26,5	0,10–0,33	0,4–3,0	±0,05	±0,15		😊										😐						
	GD26-6E600N04-UE6	6	0,4	26,5	0,10–0,38	0,2–3,2	±0,05	±0,15		😊	😊		😐		😊	😊	😐			😐		😊	😊	😐		
	GD26-6E600N08-UE6	6	0,8	26,5	0,12–0,38	0,4–3,2	±0,05	±0,15		😊										😐						
	GD26-3E300N02-UF4	3	0,2	26,5	0,09–0,26	0,1–1,5	±0,05	±0,15					😐				😐							😐		
	GD26-3E300N03-UF4	3	0,3	26,5	0,09–0,26	0,2–2,0	±0,05	±0,15		😐	😐		😐	☹		😐	😐	☹		😐			😐	😐	☹	
	GD26-3E318N03-UF4	3,18	0,3	26,5	0,09–0,26	0,2–2,0	±0,05	±0,15		😐			😐	☹			😐	☹		😐				😐	☹	
	GD26-4E400N02-UF4	4	0,2	26,5	0,09–0,30	0,1–2,8	±0,05	±0,15					😐				😐							😐		
	GD26-4E400N04-UF4	4	0,4	26,5	0,10–0,30	0,2–2,8	±0,05	±0,15		😐	😐		😐	☹		😐	😐	☹		😐			😐	😐	☹	
	GD26-4E400N08-UF4	4	0,8	26,5	0,10–0,30	0,4–2,8	±0,05	±0,15		😐			😐				😐			😐				😐		
	GD26-5E500N04-UF4	5	0,4	26,5	0,10–0,35	0,2–3,0	±0,05	±0,15		😐	😐		😐	☹		😐	😐	☹		😐			😐	😐	☹	
	GD26-5E500N08-UF4	5	0,8	26,5	0,10–0,35	0,4–3,0	±0,05	±0,15		😐			😐				😐			😐				😐		
	GD26-6E600N05-UF4	6	0,5	26,5	0,12–0,40	0,3–3,5	±0,05	±0,15		😐			😐	☹			😐	☹		😐				😐	☹	
	GD26-6E600N08-UF4	6	0,8	26,5	0,12–0,40	0,4–3,5	±0,05	±0,15		😐			😐				😐			😐				😐		
	GD26-6E635N05-UF4	6,35	0,5	26,5	0,12–0,40	0,3–3,5	±0,05	±0,15					😐				😐							😐		
	GD26-3F300N03-UF4	3	0,3	26,2	0,10–0,26	0,2–2,0	±0,05	±0,15					😐				😐							😐		
	GD26-4F400N04-UF4	4	0,4	26,4	0,10–0,30	0,2–2,8	±0,05	±0,15					😐				😐							😐		
	GD26-5F500N04-UF4	5	0,4	26,4	0,10–0,35	0,2–3,0	±0,05	±0,15					😐				😐							😐		
	GD26-6F600N05-UF4	6	0,5	26,4	0,12–0,40	0,3–3,5	±0,05	±0,15					😐				😐							😐		
	GD26-3E300N03-UD4	3	0,3	26,5	0,09–0,26	0,4–2,0	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		
	GD26-3E318N03-UD4	3,18	0,3	26,5	0,10–0,26	0,4–2,0	±0,05	±0,15		😐										😐						
	GD26-4E400N04-UD4	4	0,4	26,5	0,10–0,30	0,5–2,8	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		
	GD26-4E400N08-UD4	4	0,8	26,5	0,10–0,30	0,9–2,8	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		
	GD26-5E500N04-UD4	5	0,4	26,5	0,12–0,35	0,5–3,0	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		
	GD26-5E500N08-UD4	5	0,8	26,5	0,12–0,35	0,9–3,0	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		
	GD26-6E600N05-UD4	6	0,5	26,5	0,14–0,40	0,6–3,5	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		
	GD26-6E600N08-UD4	6	0,8	26,5	0,14–0,40	0,9–3,5	±0,05	±0,15	😐	😐		😐	😐				😐		😐	😐	😐			😐		

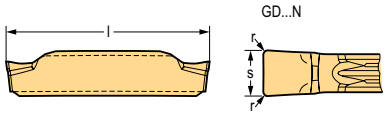
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM13G: GD26-3E300N02-UF8 WSM13G

HC = Coated carbide

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

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

Grooving and recessing – cutting inserts
GD
Tiger·tec® Gold



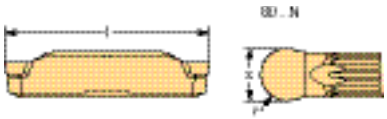
Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC						M HC				K HC			S HC				H HC
									WKP13G	WKP23G	WSM23G	WKP33G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G	WKP23G	WKP33G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13G
	GD26-3E300N03-UA4	3	0,3	26,5	0,10–0,26	0,4–2,0	±0,05	±0,15	😊			😐							😊		😐					😊
	GD26-4E400N04-UA4	4	0,4	26,5	0,14–0,30	0,5–2,8	±0,05	±0,15	😊			😐							😊		😐					😊
	GD26-5E500N04-UA4	5	0,4	26,5	0,14–0,35	0,5–3,0	±0,05	±0,15	😊			😐							😊		😐					😊
	GD26-6E600N05-UA4	6	0,5	26,5	0,14–0,40	0,6–3,5	±0,05	±0,15	😊			😐							😊		😐					😊

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM13G: GD26-3E300N02-UF8 WSM13G

HC = Coated carbide

Grooving and copy turning – cutting inserts
GD
Tiger·tec® Gold



Cutting inserts

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

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM13G: GD26-3E300N15-RF8 WSM13G

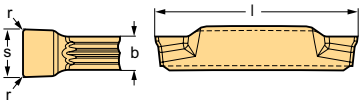
HC = Coated carbide

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

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

A2

Semi-finished blanks for special shapes
GD



Cutting inserts

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

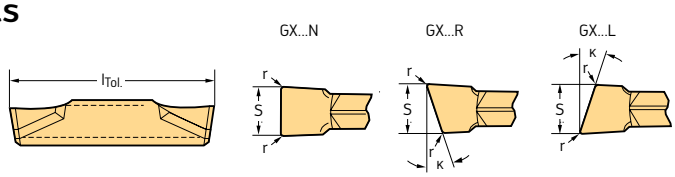
Ordering example for the grade WMG40: GD26-3E430N03 WMG40

HW = Uncoated carbide

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

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

Grooving and parting off – cutting inserts
GX
Tiger·tec® Gold



A2

Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P			M		K	S	
										HC			HC	HC		HC
									WKP23G	WSM33G	WSM43G	WSM33G	WSM43G	WKP23G	WSM33G	WSM43G
	GX34-2E300N03-CE4	3	0,3		34	0,09–0,30	±0,05	±0,15	☺	😐	☹	😐	☹	😐	😐	☹
	GX34-2E300L6-CE4	3	0,3	6	34	0,09–0,24	±0,05	±0,15		😐		😐			😐	
	GX09-1E200N02-GD3	2	0,2		9	0,04–0,12	±0,02	±0,02	☺	😐	☹	😐	☹	😐	😐	☹
	GX09-1E250N02-GD3	2,5	0,2		9	0,04–0,14	±0,02	±0,02	☺	😐		😐		😐	😐	
	GX09-2E300N03-GD3	3	0,3		9	0,06–0,18	±0,02	±0,02	☺	😐	☹	😐	☹	😐	😐	☹

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 WKP23G: GX34-2E300N03-CE4 WKP23G

HC = Coated carbide

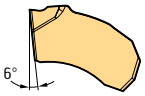
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

A2

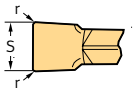
Grooving and parting off – cutting inserts

SX

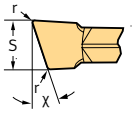
Tiger·tec® Gold



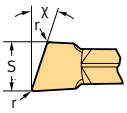
SX...N



SX...R



SX...L



Cutting inserts

	Designation	s mm	r mm	κ	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23G	P HC WSM23G	P HC WSM33G	P HC WSM43G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP23G	S HC WSM23G	S HC WSM33G	S HC WSM43G
	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-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-4E480N03-CE4	4,8	0,3		0,12–0,35	±0,05	±0,1			😐			😐				😐	
	SX-2E200R6-CE4	2	0,2	6	0,06–0,10	±0,05	±0,1			😐			😐				😐	
	SX-3E300R6-CE4	3	0,2	6	0,09–0,20	±0,05	±0,1	😊		😐			😐		😐		😐	
	SX-4E400R6-CE4	4	0,2	6	0,10–0,22	±0,05	±0,1			😐	☹		😐	☹			😐	☹
	SX-5E500R6-CE4	5	0,4	6	0,12–0,25	±0,05	±0,1			😐			😐				😐	
	SX-6E600R6-CE4	6	0,4	6	0,12–0,30	±0,05	±0,1			😐			😐				😐	
	SX-3E300L6-CE4	3	0,2	6	0,09–0,20	±0,05	±0,1	😊		😐			😐		😐		😐	
	SX-4E400L6-CE4	4	0,2	6	0,10–0,22	±0,05	±0,1			😐			😐				😐	
	SX-6E600L6-CE4	6	0,4	6	0,12–0,30	±0,05	±0,1			😐			😐				😐	

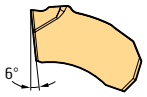
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WKP23G: SX-10E1000N08-CE4 WKP23G

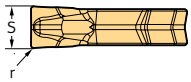
HC = Coated carbide

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

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

Grooving and recessing – cutting inserts
SX
Tiger·tec® Gold





A2

Cutting inserts

Designation	s mm	r mm	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23G	P HC WSM33G	P HC WSM43G	M HC WSM33G	M HC WSM43G	K HC WKP23G	S HC WSM33G	S HC WSM43G
 SX-8E800N08-UF4	8	0,8	17,4	0,18–0,55	±0,05	±0,1	☺	😐	☹	😐	☹	😐	😐	☹

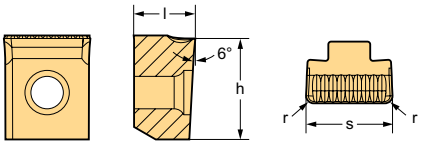
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WKP23G: SX-8E800N08-UF4 WKP23G

HC = Coated carbide

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

A2

Grooving and parting off – cutting inserts
UX
Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP33G	P HC WKP33S	K HC WKP33G	K HC WKP33S
	UX-12E1200N10-GD2	12	1	8,6	0,20–0,40	±0,2	±0,1				
	UX-19E1900N15-GD2	19	1,5	13,6	0,25–0,60	±0,2	±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 WKP33G: UX-12E1200N10-GD2 WKP33G

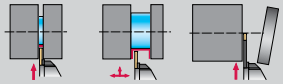
HC = Coated carbide

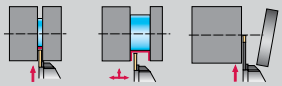
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

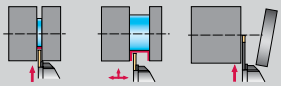
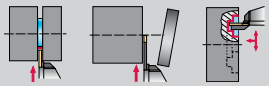
A2

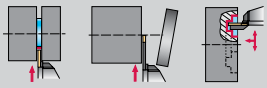
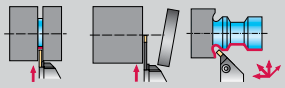
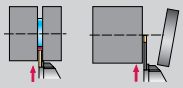
Shank tools/parting blades

System	 MX..		
Machining			
			
Designation	G3011	G3011...-P	G3021...-P
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			
QR code			
www.walter-tools.com/woc/	G3011	G3011-P	G3021-P

System	 MX..	 DX..
Machining		
		 
Designation	G3051...-P	G4014	G4014...-P
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			
QR code			
www.walter-tools.com/woc/	G3051-P	G4014	G4014-P

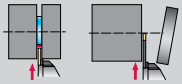
Shank tools/parting blades

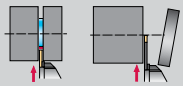
System	 DX..		
Machining			
	NEW 		
Designation	G4011	G4011...-P	G4511
Insert width s [mm]	2–4	2–4	2–6
Cutting depth T_{max} [mm]	17	17	5
Coolant supply	External	Precision cooling	External
Shank size h [mm]	12–25	20–25	12–25
Shank size h [Inch]	0,750–1,000	1,000	
Page in catalogue	106		
QR code			
www.walter-tools.com/woc/	G4011	G4011-P	G4511

System	 DX..		
Machining			
			
Designation	G4521	G4551	G4041
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			
QR code			
www.walter-tools.com/woc/	G4521	G4551	G4041

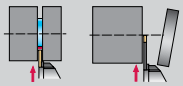
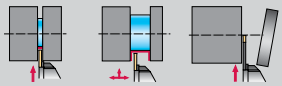
A2

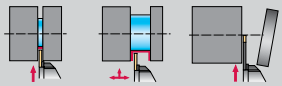
Shank tools/parting blades

System		 DX..	
Machining			
			
Designation	G4041...-P	G4041...C	G4041...C-P
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			
QR code			
www.walter-tools.com/woc/	G4041-P	G4041-C	G4041-C-P

System		 DX..	
Machining			
			
Designation	G4042...N	G4042...N...-P	G4634-P
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			
QR code			
www.walter-tools.com/woc/	G4042-N	G4042-N-P	G4634-P

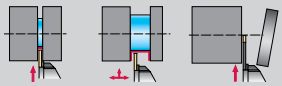
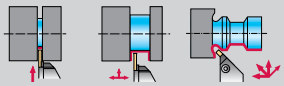
Shank tools/parting blades

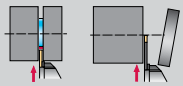
System	 DX..		 GD..
Machining			
			NEW 
Designation	G4635	G4635-P	G5011
Insert width s [mm]	1,5–3	2–2,5	3–6
Cutting depth T_{max} [mm]	17	16	33
Coolant supply	External	Precision cooling	External
Shank size h [mm]	E30	E33	16–25
Shank size h [Inch]			0,625–1,250
Page in catalogue			110
QR code			
www.walter-tools.com/woc/	G4635	G4635-P	G5011

System	 GD..	 GX..	
Machining			
	NEW 		
Designation	G5011...-P	G1011	G1011...-P
Insert width s [mm]	2,5–6	2–8	2–8
Cutting depth T_{max} [mm]	33	38	33
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	16–25	16–32	16–32
Shank size h [Inch]	0,750–1,000	0,625–1,500	0,750–1,000
Page in catalogue	115		
QR code			
www.walter-tools.com/woc/	G5011-P	G1011	G1011-P

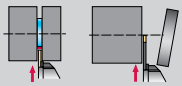
A2

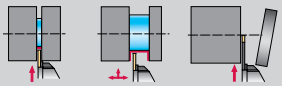
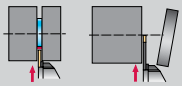
Shank tools/parting blades

System	 GX..		
Machining			
			
Designation	G1511	G1521	G1551
Insert width s [mm]	2–6	2–6	2–6
Cutting depth T_{max} [mm]	6	6	6
Coolant supply	External	External	External
Shank size h [mm]	20–25	20–25	20–25
Shank size h [Inch]	0,750–1,000	0,750–1,000	0,750–1,000
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1511	G1521	G1551

System	 GX..		
Machining			
			
Designation	G1041	G1041...-P	G1041...C
Insert width s [mm]	2–4	3–4	2–4
Cutting depth T_{max} [mm]	32	33	32
Coolant supply	External	Precision cooling	External
Shank size h [mm]	26–32	26–32	26–32
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1041	G1041-P	G1041-C

Shank tools/parting blades

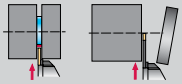
System		 GX..	
Machining			
			
Designation	G1041...C-P	G1042	XLCFN
Insert width s [mm]	2–4	2–6	3–6
Cutting depth T_{max} [mm]	33	60	21
Coolant supply	Precision cooling	External	External
Shank size h [mm]	26–32	26–32	32
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1041-C-P	G1042	XLCFN

System		 GX..	
Machining			
			
Designation	MSS...E...	G1332	G1634-P
Insert width s [mm]	0,6–8	3	2–4
Cutting depth T_{max} [mm]	21	15	33
Coolant supply	External	External	Precision cooling
Shank size h [mm]	E20–E32	EXT	E33–E43
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-E	G1332	G1634-P

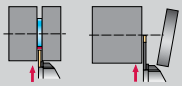
A2

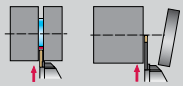
Shank tools/parting blades

System	 GX..		
Machining			
			
Designation	G1111	G1111...-P	MSS...E...A
Insert width s [mm]	3–6	5	3–6
Cutting depth T_{max} [mm]	25	33	15
Coolant supply	External	Precision cooling	External
Shank size h [mm]	25	25	E20–E32
Shank size h [Inch]	1,000		
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1111	G1111-P	MSS-E-A

System	 GX..	 SX..
Machining		
		 
Designation	MSS...E...C	G2012	G2012...-P
Insert width s [mm]	4–6	1,5–3	2–6
Cutting depth T_{max} [mm]	25	33	40
Coolant supply	External	External	Precision cooling
Shank size h [mm]	E25	20–25	12–25
Shank size h [Inch]		0,750–1,000	0,500–1,000
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-E-C	G2012	G2012-P

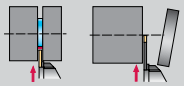
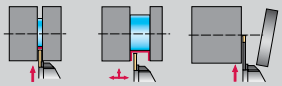
Shank tools/parting blades

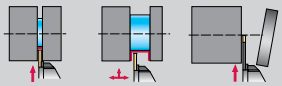
System	SX..		
Machining			
			
Designation	G2042...R/L	G2042...R/L...-P	G2042...R/L...C
Insert width s [mm]	1,5–4	2–4	4
Cutting depth T_{max} [mm]	33	33	33
Coolant supply	External	Precision cooling	External
Shank size h [mm]	26–32	26–32	32
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G2042-R-L	G2042-R-L-P	G2042-R-L-C

System	SX..		
Machining			
			
Designation	G2042...R/L...C-P	G2042...N	G2042...N...-P
Insert width s [mm]	2–4	2–6	3–10
Cutting depth T_{max} [mm]	33	80	100
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26–32	26–46	26–52
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G2042-R-L-C-P	G2042-N	G2042-N-P

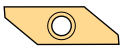
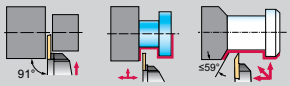
A2

Shank tools/parting blades

System	SX..	UX..	
Machining			
			
Designation	G2632-E...R/L...-SX	G2016...-P	MSS-...00
Insert width s [mm]	2–8	12–19	
Cutting depth T_{max} [mm]	45	41	
Coolant supply	External	Precision cooling	External
Shank size h [mm]	E20–E32	25–32	20–32
Shank size h [Inch]			0,750–1,250
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G2632	G2016-P	MSS-00

System			
Machining			
			
Designation	MSS-...90	G2661...-P	SBN
Insert width s [mm]			
Cutting depth T_{max} [mm]			
Coolant supply	External	Precision cooling	External
Shank size h [mm]	20–32	16–40	20–40
Shank size h [Inch]	0,750–1,250	0,750–1,500	0,750–1,250
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-90	G2661-P	SBN

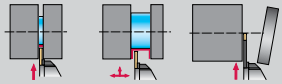
Shank tools/parting blades

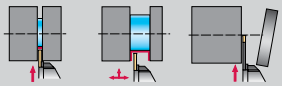
System	 WT..
Machining	

	
Designation	W2011
Insert width s [mm]	0,5–3
Cutting depth T_{max} [mm]	8,5
Coolant supply	External
Shank size h [mm]	10–16
Shank size h [Inch]	0,500–0,625
Page in catalogue	
QR code	
www.walter-tools.com/woc/	W2011

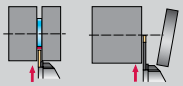
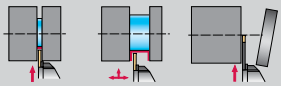
A2

Walter Capto™ groove turning holders

System	 MX..	 DX..	 GX..
Machining			
			
Designation	G3011-C...-P	G4011-C...-P	G1011-C...-P
Insert width s [mm]	0,5–5,65	2	3–5
Cutting depth T_{max} [mm]	6	17	21
Coolant supply	Precision cooling	Precision cooling	Precision cooling
Walter Capto™ size	C3–C6	C3–C4	C3–C6
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G3011-C-P	G4011-C-P	G1011-C-P

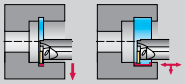
System		 GX..	
Machining			
			
Designation	MSS...E...	MSS...E...A	MSS...E...C
Insert width s [mm]	0,6–8	3–6	4–6
Cutting depth T_{max} [mm]	21	15	25
Coolant supply	External	External	External
Walter Capto™ size	E20–E32	E20–E32	E25
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-E	MSS-E-A	MSS-E-C

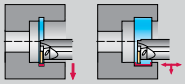
Walter Capto™ groove turning holders

System	 SX..		
Machining			
Designation	 G2632-E...R/L...-SX	 C...-MSS...00	 C...-MSS...90
Insert width s [mm]	2–8		
Cutting depth T_{max} [mm]	45		
Coolant supply	External	Internal	Internal
Walter Capto™ size	E20–E32	C3–C6	C4–C6
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G2632	C-MSS	C-MSS-90

A2

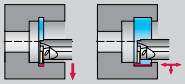
Boring bars – Internal grooving

System	 MX..	 DX..	 GX..
Machining			
			
Designation	G3221...-P	G4221...-P	I12
Insert width s [mm]	0,5–3,25	2–4	2–2,5
Cutting depth T_{max} [mm]	4	10	3
Coolant supply	Precision cooling	Precision cooling	External
Boring bar Ø d_1 [mm]	32	25–32	16
Boring bar Ø d_1 [inch]		0,959–1,250	
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G3221-P	G4221-P	I12

System	 GX..		
Machining			
	G1221...-P	MSS...I...	MSS...I...90-1.5
			
Designation			
Insert width s [mm]	2–6	0,6–6	
Cutting depth T_{max} [mm]	12	19	
Coolant supply	Precision cooling	External	Internal
Boring bar Ø d_1 [mm]	16–40	I16–I40	20–40
Boring bar Ø d_1 [inch]	0,602–1,500		0,039–1,500
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1221-P	MSS-I	MSS-I-1-5

Boring bars – Internal grooving

System

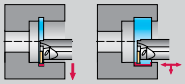
Machining	
	
Designation	MSS...I...90-2.5
Insert width s [mm]	
Cutting depth T_{max} [mm]	
Coolant supply	Internal
Boring bar Ø d_1 [mm]	20–50
Boring bar Ø d_1 [inch]	0,039–2,000
Page in catalogue	
QR code	
www.walter-tools.com/woc/	MSS-I-2-5

A2

Boring bars WE – Internal machining

			
	Boring bar for exchangeable head	**Boring bar for exchangeable head**	**Boring bar for exchangeable head – Axial grooving**
Designation	**W3270-A**	**W3270-E**	**W3271-E**
Machine-side	Parallel shank with clamping surface	Parallel shank with clamping surface	Parallel shank with clamping surface
Tool-side	05 - 09	05 - 09	09F(R)
Page in catalogue			
QR code			
www.walter-tools.com/woc/	W3270-A	W3270-E	W3271-E

Exchangeable head QuadFit – Internal grooving

System	 DX..
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	
QR code	
www.walter-tools.com/woc/	G4221-Q-P

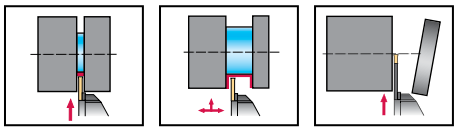
A2

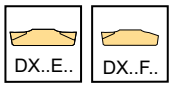
Shank tool – Radial grooving

G4011 mm

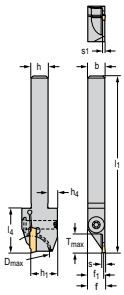
Walter Cut

– Screw clamping





Tool



Square shank

Designation	s mm	T_{max} mm	D_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	h_4 mm	s_1 mm	Type
★ G4011-1212R-2T12DX18	2	12	25	12	12	14,3	125	31,5	6,5	1,6	DX18-2E2 ..
★ G4011-1616R-2T17DX18		17	35	16	16	15,2	125	33,5	6,5	1,6	
★ G4011-1616R-3T17DX18	3	17	35	16	16	14,8	125	33,5	6,5	2,4	DX18-3E3 .. DX18-3F3 ..
★ G4011-1212L-2T12DX18	2	12	25	12	12	14,3	125	31,5	6,5	1,6	DX18-2E2 ..
★ G4011-1616L-2T17DX18		17	35	16	16	15,2	125	28	6,5	1,6	
★ G4011-1616L-3T17DX18	3	17	35	16	16	14,8	125	33,5	6,5	2,4	DX18-3E3 .. DX18-3F3 ..

Dimensional drawing shows right-hand version. | f_1 = f - s/2 | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	2–3
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

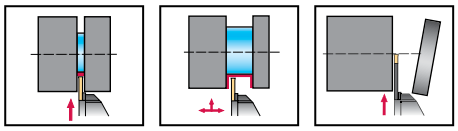
	s [mm]	2–3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

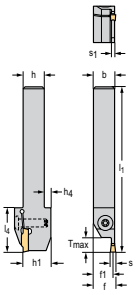
G4011 mm

Walter Cut

– Screw clamping



Tool



Square shank

Designation	s mm	T_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	l_4 mm	h_4 mm	s_1 mm	Type
★ G4011-1616R-2T10DX18	2	10	16	16	14,8	125	33,5	6,5	2,4	DX18-2E2 ..
★ G4011-1616L-2T10DX18	2	10	16	16	15,2	125	28	6,5	1,6	DX18-2E2 ..

Dimensional drawing shows right-hand version. | $f_1 = f - s/2$ | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

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

Accessories

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

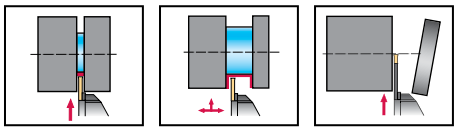
A2

Shank tool – Radial grooving

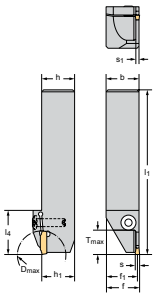
G4011 mm

Walter Cut

– Screw clamping



Tool



Square shank

Designation	s mm	T_{max} mm	D_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
★ G4011-2020R-2T17DX18	2	17	120	20	20	19,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2T17DX18		17	120	25	25	24,2	125	33,5	1,6	
G4011-2525R-2.5T17DX18	2,5	17	120	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
★ G4011-2020R-3T17DX18	3	17	120	20	20	18,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525R-3T17DX18		17	120	25	25	23,8	125	33,5	2,4	
★ G4011-2020L-2T17DX18	2	17	120	20	20	19,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525L-2T17DX18		17	120	25	25	24,2	125	33,5	1,6	
G4011-2525L-2.5T17DX18	2,5	17	120	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
★ G4011-2020L-3T17DX18	3	17	120	20	20	18,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525L-3T17DX18		17	120	25	25	23,8	125	33,5	2,4	

Dimensional drawing shows right-hand version. | f_1 = f - s/2 | If no D_{max} is specified, there is no diameter limit on the tool. | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	2–3
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

	s [mm]	2–3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

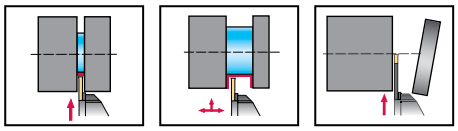
New addition to the product range = ☻ ☻ ☻ / ★

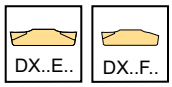
Shank tool – Radial grooving

G4011 mm

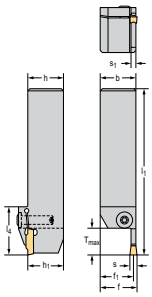
Walter Cut

– Screw clamping





Tool



Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G4011-2020R-2T10DX18	2	10	20	20	19,2	125	28	1,6	DX18-2E2 ..
G4011-2525R-2T10DX18		10	25	25	24,2	125	28	1,6	
G4011-1616R-3T10DX18	3	10	16	16	14,3	125	28	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2020R-3T10DX18		10	20	20	18,8	125	28	2,4	
G4011-2525R-3T10DX18		10	25	25	23,8	125	28	2,4	
G4011-1616R-4T10DX18	4	10	16	16	14,3	125	28	3,4	DX18-4E4 .. DX18-4F4 ..
G4011-2020R-4T10DX18		10	20	20	18,3	125	28	3,4	
G4011-2020R-4T17DX18		17	20	20	18,3	125	33,5	3,4	
G4011-2525R-4T10DX18		10	25	25	23,2	125	28	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	28	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	28	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	28	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	28	3,4	
G4011-2525L-4T17DX18		17	25	25	23,2	125	33,5	3,4	

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

Assembly parts

	s [mm]	2–4
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

Accessories

	s [mm]	2–4
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

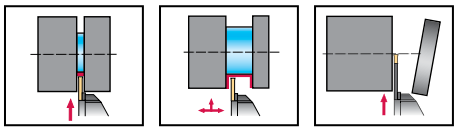
A2

Shank tool – Radial grooving

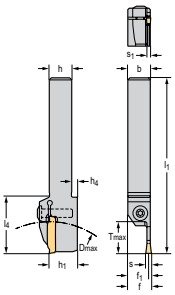
G5011 mm

Groov·tec™ GD

– Screw clamping



Tool



Square shank

Designation	s mm	T_{max} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	h_4 mm	l_4 mm	s_1 mm	Type
G5011-1616R-3T21GD26	3	21	120	16	16	14,8	150	4	40	2,4	GD26-3 ..
G5011-1616L-3T21GD26	3	21	120	16	16	14,8	150	4	40	2,4	GD26-3 ..

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

Assembly parts

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

Accessories

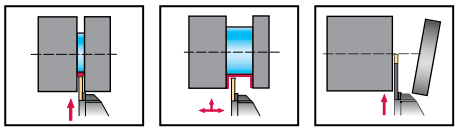
	s [mm]	3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

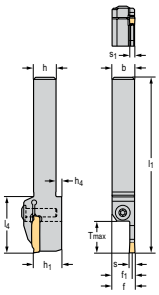
G5011 mm

Groov·tec™ GD

– Screw clamping



Tool



Square shank

Designation	s mm	T_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	h_4 mm	l_4 mm	s_1 mm	Type
★ G5011-1616R-3T12GD26	3	12	16	16	14,8	135	4	35	2,4	GD26-3 ..
★ G5011-1616R-4T12GD26	4	12	16	16	14,3	135	4	35	3,4	GD26-4 ..
G5011-1616R-4T21GD26		21	16	16	14,3	150	4	40	3,4	
★ G5011-1616R-5T12GD26	5	12	16	16	13,9	135	4	35	4,2	GD26-5 ..
★ G5011-1616L-3T12GD26	3	12	16	16	14,8	135	4	35	2,4	GD26-3 ..
★ G5011-1616L-4T21GD26	4	21	16	16	14,3	150	4	40	3,4	GD26-4 ..
★ G5011-1616L-5T12GD26	5	12	16	16	13,9	135	4	35	4,2	GD26-5 ..

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

Assembly parts

	s [mm]	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)

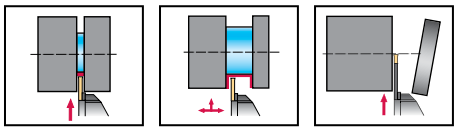
A2

Shank tool – Radial grooving

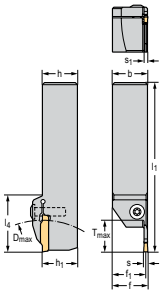
G5011 mm

Groov·tec™ GD

– Screw clamping



Tool



Square shank

Designation	s mm	T_{max} mm	D_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G5011-2012R-3T21GD26	3	21	120	20	12	10,8	145	40	2,4	GD26-3 ..
G5011-2020R-3T21GD26		21	120	20	20	18,8	150	40	2,4	
★ G5011-2020R-3T26GD26		26	120	20	20	18,8	150	45	2,4	
G5011-2525R-3T21GD26		21	120	25	25	23,8	150	40	2,4	
★ G5011-2525R-3T26GD26		26	120	25	25	23,8	150	45	2,4	
★ G5011-2525R-4T26GD26	4	26	120	25	25	23,3	150	45	3,4	GD26-4 ..
G5011-2012L-3T21GD26	3	21	120	20	12	10,8	145	40	2,4	GD26-3 ..
G5011-2020L-3T21GD26		21	120	20	20	18,8	150	40	2,4	
★ G5011-2020L-3T26GD26		26	120	20	20	18,8	150	45	2,4	
G5011-2525L-3T21GD26		21	120	25	25	23,8	150	40	2,4	
★ G5011-2525L-3T26GD26		26	120	25	25	23,8	150	45	2,4	
★ G5011-2525L-4T26GD26	4	26	120	25	25	23,3	150	45	3,4	GD26-4 ..

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

Assembly parts

s [mm] b [mm]	3 12	3–4 20–25
Clamping screw for grooving insert Tightening torque	FS1473 (T15IP) 3,9 Nm	FS2118 (T20IP) 5 Nm
Torx key	FS1465 (T15IP)	
Allen key		FS1464 (T20IP)

Accessories

s [mm] b [mm]	3 12	3–4 20–25
Torque screwdriver, analogue	FS2003	FS2003
Torque screwdriver, digital	FS2248	FS2248
Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)

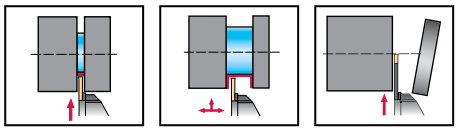
New addition to the product range = ☻ ☻ ☻ / ★

Shank tool – Radial grooving

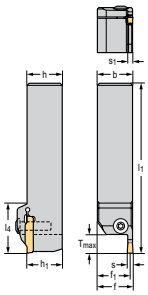
G5011 mm

Groov·tec™ GD

– Screw clamping



Tool



Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G5011-2020R-3T12GD26	3	12	20	20	18,8	145	35	2,4	GD26-3 ..
G5011-2525R-3T12GD26		12	25	25	23,8	145	35	2,4	
G5011-2020R-4T12GD26	4	12	20	20	18,3	145	35	3,4	GD26-4 ..
G5011-2020R-4T21GD26		21	20	20	18,3	150	40	3,4	
G5011-2525R-4T12GD26		12	25	25	23,3	145	35	3,4	
G5011-2525R-4T21GD26		21	25	25	23,3	150	40	3,4	
★ G5011-2525R-4T33GD26		33	25	25	23,3	150	55	3,4	
★ G5011-2020R-5T12GD26	5	12	20	20	17,9	145	35	4,2	GD26-5 ..
G5011-2020R-5T21GD26		21	20	20	17,9	150	40	4,2	
G5011-2525R-5T12GD26		12	25	25	22,9	145	35	4,2	
G5011-2525R-5T21GD26		21	25	25	22,9	150	40	4,2	
★ G5011-2525R-5T33GD26		33	25	25	22,9	150	55	4,2	
★ G5011-2020R-6T12GD26	6	12	20	20	17,4	145	35	5,2	GD26-6 ..
G5011-2020R-6T21GD26		21	20	20	17,4	150	40	5,2	
G5011-2525R-6T12GD26		12	25	25	22,4	145	35	5,2	
G5011-2525R-6T21GD26		21	25	25	22,8	150	40	5,2	
★ G5011-2525R-6T33GD26		33	25	25	22,4	150	55	5,2	
G5011-2020L-3T12GD26	3	12	20	20	18,8	145	35	2,4	GD26-3 ..
G5011-2525L-3T12GD26		12	25	25	23,8	145	35	2,4	
G5011-2020L-4T12GD26	4	12	20	20	18,3	145	35	3,4	GD26-4 ..
G5011-2020L-4T21GD26		21	20	20	18,3	150	40	3,4	
G5011-2525L-4T12GD26		12	25	25	23,3	145	35	3,4	
G5011-2525L-4T21GD26		21	25	25	23,3	150	40	3,4	
★ G5011-2525L-4T33GD26		33	25	25	23,3	150	55	3,4	
★ G5011-2020L-5T12GD26	5	12	20	20	17,9	145	35	4,2	GD26-5 ..
G5011-2020L-5T21GD26		21	20	20	17,9	150	40	4,2	
G5011-2525L-5T12GD26		12	25	25	22,9	145	35	4,2	
G5011-2525L-5T21GD26		21	25	25	22,9	150	40	4,2	
★ G5011-2525L-5T33GD26		33	25	25	22,9	150	55	4,2	
★ G5011-2020L-6T12GD26	6	12	20	20	17,4	145	35	5,2	GD26-6 ..
★ G5011-2020L-6T21GD26		21	20	20	17,4	150	40	5,2	
G5011-2525L-6T12GD26		12	25	25	22,4	145	35	5,2	
G5011-2525L-6T21GD26		21	25	25	22,4	150	40	5,2	
★ G5011-2525L-6T33GD26		33	25	25	22,4	150	55	5,2	

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

Assembly parts

	s [mm]	3–6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

A2

Accessories

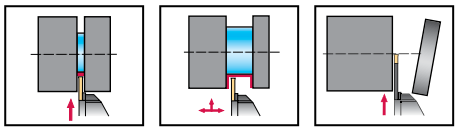
	s [mm]	3–6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

Shank tool – Radial grooving

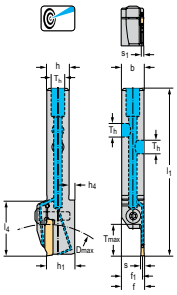
G5011...-P mm

Groov·tec™ GD

– Screw clamping
– Precision cooling



Tool



Square shank

Designation	s mm	T_{max} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	h_4 mm	l_4 mm	s_1 mm	T_h	Type
G5011-1616R-2.5T21GD26-P	2,5	21	120	16	16	15	120	4	40	2,1	G1/8"	GD26-2.5 ..
★ G5011-1616R-3T21GD26-P	3	21	120	16	16	14,8	120	4	40	2,4	G 1/8"	GD26-3 ..
G5011-1616L-2.5T21GD26-P	2,5	21	120	16	16	15	120	4	40	2,1	G1/8"	GD26-2.5 ..
★ G5011-1616L-3T21GD26-P	3	21	120	16	16	14,8	120	4	40	2,4	G 1/8"	GD26-3 ..

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

Assembly parts

	s [mm]	2,5–3
	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]	2,5–3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

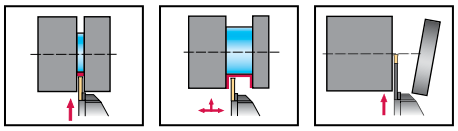
A2

Shank tool – Radial grooving

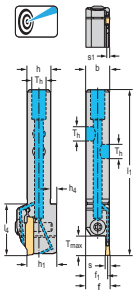
G5011...-P mm

Groov·tec™ GD

– Screw clamping
– Precision cooling



Tool



Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	h_4 mm	l_4 mm	s_1 mm	T_h	Type
★ G5011-1616R-3T12GD26-P	3	12	16	16	14,8	120	4	35	2,4	G 1/8"	GD26-3 ..
★ G5011-1616R-4T12GD26-P	4	12	16	16	14,3	120	4	35	3,4	G 1/8"	GD26-4 ..
★ G5011-1616L-3T12GD26-P	3	12	16	16	14,8	120	4	35	2,4	G 1/8"	GD26-3 ..

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

Assembly parts

	s [mm]	3–4
	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]	3–4
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

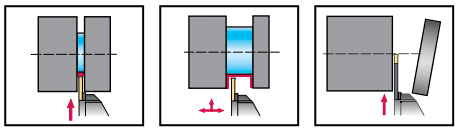
New addition to the product range = ☻ ☻ ☻ / ★

Shank tool – Radial grooving

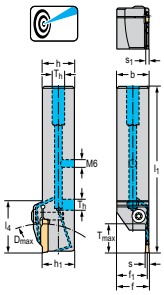
G5011...-P mm

Groov·tec™ GD

– Screw clamping
– Precision cooling



Tool



Square shank

Designation	s mm	T_{max} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	T_h	Type
G5011-2020R-3T21GD26-P	3	21	120	20	20	18,8	125	40	2,4	G1/8"	GD26-3 ..
★ G5011-2020R-3T26GD26-P		26	120	20	20	18,8	130	45	2,4	G1/8"	
G5011-2525R-3T21GD26-P		21	120	25	25	23,8	130	40	2,4	G1/8"	
★ G5011-2525R-3T26GD26-P		26	120	25	25	23,8	135	45	2,4	G1/8"	
★ G5011-2525R-4T26GD26-P	4	26	120	25	25	23,3	135	45	3,4	G1/8"	GD26-4 ..
G5011-2020L-3T21GD26-P	3	21	120	20	20	18,8	125	40	2,4	G1/8"	GD26-3 ..
★ G5011-2020L-3T26GD26-P		26	120	20	20	18,8	130	45	2,4	G1/8"	
G5011-2525L-3T21GD26-P		21	120	25	25	23,8	130	40	2,4	G1/8"	
★ G5011-2525L-3T26GD26-P		26	120	25	25	23,8	135	45	2,4	G1/8"	
★ G5011-2525L-4T26GD26-P	4	26	120	25	25	23,3	135	45	3,4	G1/8"	GD26-4 ..

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

Assembly parts

	s [mm]	3–4
	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]	3–4
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

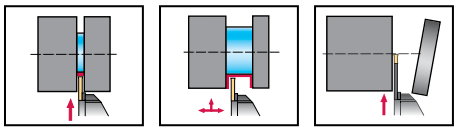
A2

Shank tool – Radial grooving

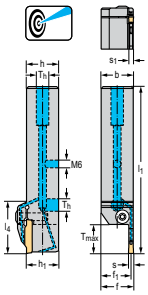
G5011...-P mm

Groov·tec™ GD

– Screw clamping
– Precision cooling



Tool



Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	T_h	Type
★ G5011-2020R-3T12GD26-P	3	12	20	20	18,8	120	35	2,4	G1/8"	GD26-3 ..
★ G5011-2525R-3T12GD26-P		12	25	25	23,8	125	35	2,4	G1/8"	
★ G5011-2020R-4T12GD26-P	4	12	20	20	18,3	120	35	3,4	G1/8"	GD26-4 ..
G5011-2020R-4T21GD26-P		21	20	20	18,3	125	40	3,4	G1/8"	
★ G5011-2525R-4T12GD26-P		12	25	25	23,3	125	35	3,4	G1/8"	
G5011-2525R-4T21GD26-P		21	25	25	23,3	130	40	3,4	G1/8"	
★ G5011-2525R-4T33GD26-P		33	25	25	23,3	145	55	3,4	G1/8"	
G5011-2020R-5T12GD26-P	5	12	20	20	17,9	120	35	4,2	G1/8"	GD26-5 ..
★ G5011-2020R-5T21GD26-P		21	20	20	17,9	125	40	4,2	G1/8"	
★ G5011-2525R-5T12GD26-P		12	25	25	22,9	125	35	4,2	G1/8"	
★ G5011-2525R-5T21GD26-P		21	25	25	22,9	130	40	4,2	G1/8"	
★ G5011-2525R-5T33GD26-P		33	25	25	22,9	145	55	4,2	G1/8"	
G5011-2525R-6T12GD26-P	6	12	25	25	22,4	125	35	5,2	G1/8"	GD26-6 ..
★ G5011-2525R-6T21GD26-P		21	25	25	22,4	130	40	5,2	G1/8"	
★ G5011-2525R-6T33GD26-P		33	25	25	22,4	145	55	5,2	G1/8"	
★ G5011-2020L-3T12GD26-P	3	12	20	20	18,8	120	35	2,4	G1/8"	GD26-3 ..
★ G5011-2525L-3T12GD26-P		12	25	25	23,8	125	35	2,4	G1/8"	
★ G5011-2020L-4T12GD26-P	4	12	20	20	18,3	120	35	3,4	G1/8"	GD26-4 ..
G5011-2020L-4T21GD26-P		21	20	20	18,3	125	40	3,4	G1/8"	
★ G5011-2525L-4T12GD26-P		12	25	25	23,3	125	35	3,4	G1/8"	
G5011-2525L-4T21GD26-P		21	25	25	23,3	130	40	3,4	G1/8"	
★ G5011-2525L-4T33GD26-P		33	25	25	23,3	145	55	3,4	G1/8"	
G5011-2020L-5T12GD26-P	5	12	20	20	17,9	120	35	4,2	G1/8"	GD26-5 ..
★ G5011-2020L-5T21GD26-P		21	20	20	17,9	125	40	4,2	G1/8"	
★ G5011-2525L-5T12GD26-P		12	25	25	22,9	125	35	4,2	G1/8"	
★ G5011-2525L-5T21GD26-P		21	25	25	22,9	130	40	4,2	G1/8"	
★ G5011-2525L-5T33GD26-P		33	25	25	22,9	145	55	4,2	G1/8"	
★ G5011-2525L-6T12GD26-P	6	12	25	25	22,4	125	35	5,2	G1/8"	GD26-6 ..
★ G5011-2525L-6T21GD26-P		21	25	25	22,4	130	40	5,2	G1/8"	
★ G5011-2525L-6T33GD26-P		33	25	25	22,4	145	55	5,2	G1/8"	

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

Assembly parts

s [mm]	3–6
Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
G 1/8" threaded plug	FS2258 (SW 2)
Allen key	FS1464 (T20IP)

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

Accessories

	s [mm]	3–6	4
	Allen key		FS1464 (T20IP)
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)

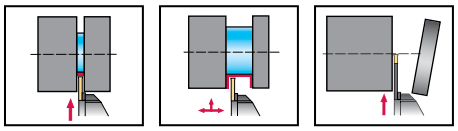
A2

Shank tool – Radial grooving

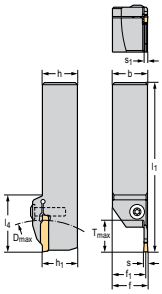
G5011 inch

Groov·tec™ GD

– Screw clamping



Tool



Square shank

Designation	s inch	T_{max} inch	D_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	s_1 inch	Type
G5011.10R-3T21GD26	0,118	0,827	4,724	0,625	0,625	0,578	5,315	1,575	0,094	GD26-3 ..
G5011.12R-3T21GD26		0,827	4,724	0,750	0,750	0,703	5,906	1,575	0,094	
G5011.16R-3T21GD26		0,827	4,724	1,000	1,000	0,953	5,906	1,575	0,094	
★ G5011.16R-3T26GD26		1,024	4,724	1,000	1,000	0,953	5,906	1,772	0,094	
★ G5011.20R-3T21GD26		0,827	4,724	1,250	1,250	1,203	5,906	1,575	0,094	
★ G5011.16R-4T26GD26	0,157	1,024	4,724	1,000	1,000	0,933	5,906	1,772	0,134	GD26-4 ..
★ G5011.16R-4T33GD26		1,299	4,724	1,000	1,000	0,933	5,906	2,165	0,134	
G5011.10L-3T21GD26	0,118	0,827	4,724	0,625	0,625	0,578	5,315	1,575	0,094	GD26-3 ..
G5011.12L-3T21GD26		0,827	4,724	0,750	0,750	0,703	5,906	1,575	0,094	
G5011.16L-3T21GD26		0,827	4,724	1,000	1,000	0,953	5,906	1,575	0,094	
★ G5011.16L-3T26GD26		1,024	4,724	1,000	1,000	0,953	5,906	1,772	0,094	
★ G5011.16L-4T26GD26	0,157	1,024	4,724	1,000	1,000	0,933	5,906	1,772	0,134	GD26-4 ..

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

Assembly parts

s [inch]	0,118–0,157
Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
Allen key	FS1464 (T20IP)

Accessories

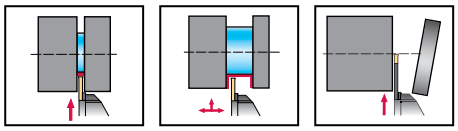
s [inch]	0,118	0,157
Torque screwdriver, analogue	FS2004	FS2004
Torque screwdriver, digital	FS2248	FS2248
Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)

Shank tool – Radial grooving

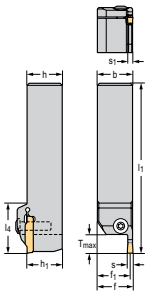
G5011 inch

Groov·tec™ GD

– Screw clamping



Tool



Square shank

Designation	s inch	T_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	s_1 inch	Type
G5011.12R-3T12GD26	0,118	0,472	0,750	0,750	0,703	5,709	1,378	0,094	GD26-3 ..
G5011.16R-3T12GD26		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
★ G5011.12R-4T12GD26	0,157	0,472	0,750	0,750	0,683	5,709	1,378	0,134	GD26-4 ..
G5011.12R-4T21GD26		0,827	0,750	0,750	0,683	5,906	1,575	0,134	
G5011.16R-4T12GD26		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G5011.16R-4T21GD26		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
★ G5011.12R-5T21GD26	0,197	0,827	0,750	0,750	0,667	5,906	1,575	0,165	GD26-5 ..
★ G5011.16R-5T21GD26		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
★ G5011.16R-5T33GD26		1,299	1,000	1,000	0,917	5,906	2,165	0,165	
★ G5011.16R-6T12GD26	0,236	0,472	1,000	1,000	0,898	5,709	1,378	0,205	GD26-6 ..
★ G5011.16R-6T21GD26		0,827	1,000	1,000	0,898	5,906	1,575	0,205	
★ G5011.16R-6T33GD26		1,299	1,000	1,000	0,898	5,906	2,165	0,205	
★ G5011.20R-6T33GD26		1,299	1,250	1,250	1,148	5,906	2,165	0,205	
★ G5011.12L-3T12GD26	0,118	0,472	0,750	0,750	0,703	5,709	1,378	0,094	GD26-3 ..
★ G5011.16L-3T12GD26		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
★ G5011.12L-4T12GD26	0,157	0,472	0,750	0,750	0,683	5,709	1,378	0,134	GD26-4 ..
G5011.12L-4T21GD26		0,827	0,750	0,750	0,683	5,906	1,575	0,134	
G5011.16L-4T21GD26		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
★ G5011.12L-5T21GD26	0,197	0,827	0,750	0,750	0,667	5,906	1,575	0,165	GD26-5 ..
★ G5011.16L-5T21GD26		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
★ G5011.16L-6T12GD26	0,236	0,472	1,000	1,000	0,898	5,709	1,378	0,205	GD26-6 ..
★ G5011.16L-6T21GD26		0,827	1,000	1,000	0,898	5,906	1,575	0,205	

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

Assembly parts

	s [inch]	0,118–0,236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

	s [inch]	0,118	0,157	0,197–0,236
	Torque screwdriver, analogue	FS2003	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)

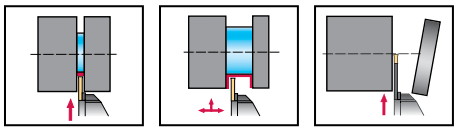
A2

Shank tool – Radial grooving

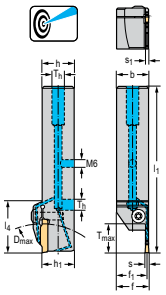
G5011...-P inch

Groov·tec™ GD

– Screw clamping
– Precision cooling



Tool



Square shank

Designation	s inch	T_{max} inch	D_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	s_1 inch	T_h	Type
G5011.12R-3T21GD26-P	0,118	0,827	4,724	0,750	0,750	0,703	5,118	1,575	0,094	G1/8"	GD26-3 ..
G5011.16R-3T21GD26-P		0,827	4,724	1,000	1,000	0,953	5,118	1,575	0,094	G1/8"	
★ G5011.16R-3T26GD26-P		1,024	4,724	1,000	1,000	0,953	5,315	1,772	0,094	G1/8"	
★ G5011.16R-4T26GD26-P	0,157	1,024	4,724	1,000	1,000	0,933	5,315	1,772	0,134	G1/8"	GD26-4 ..
★ G5011.16R-4T33GD26-P		1,299	4,724	1,000	1,000	0,933	5,709	2,165	0,134	G1/8"	
G5011.12L-3T21GD26-P	0,118	0,827	4,724	0,750	0,750	0,703	5,118	1,575	0,094	G1/8"	GD26-3 ..
G5011.16L-3T21GD26-P		0,827	4,724	1,000	1,000	0,953	5,118	1,575	0,094	G1/8"	
★ G5011.16L-3T26GD26-P		1,024	4,724	1,000	1,000	0,953	5,315	1,772	0,094	G1/8"	
★ G5011.16L-4T26GD26-P	0,157	1,024	4,724	1,000	1,000	0,933	5,315	1,772	0,134	G1/8"	GD26-4 ..

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

Assembly parts

	s [inch]	0,118–0,157
	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]	0,118–0,157
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

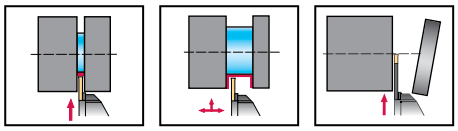
New addition to the product range = ☻ ☻ ☻ / ★

Shank tool – Radial grooving

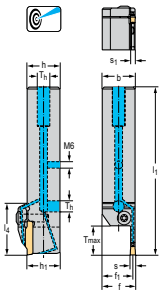
G5011...-P inch

Groov·tec™ GD

– 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	T_h	Type
★ G5011.16R-4T12GD26-P	0,157	0,472	1,000	1,000	0,933	4,921	1,378	0,134	G1/8"	GD26-4 ..
G5011.16R-4T21GD26-P		0,827	1,000	1,000	0,933	5,118	1,575	0,134	G1/8"	
★ G5011.12R-5T21GD26-P	0,197	0,827	0,750	0,750	0,667	5,118	1,575	0,165	G1/8"	GD26-5 ..
★ G5011.16R-5T12GD26-P		0,472	1,000	1,000	0,917	4,921	1,378	0,165	G1/8"	
★ G5011.16R-5T21GD26-P		0,827	1,000	1,000	0,917	5,118	1,575	0,165	G1/8"	
★ G5011.16R-6T21GD26-P	0,236	0,827	1,000	1,000	0,898	5,118	1,575	0,205	G1/8"	GD26-6 ..
★ G5011.16L-5T12GD26-P	0,197	0,472	1,000	1,000	0,917	4,921	1,378	0,165	G1/8"	GD26-5 ..
★ G5011.16L-5T21GD26-P		0,827	1,000	1,000	0,917	5,118	1,575	0,165	G1/8"	

Square shank

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

Assembly parts

	s [inch]	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)

A3

Indexable inserts

Machining	External machining				
Indexable inserts					
Thread type	55° partial profile	60° partial profile	full profile, ACME / STUB ACME 29°	full profile, American NPT 60°	full profile, American NPTF 60°
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Pitch P [mm]	0,5–3,0	0,5–5,0			
Pitch in threads per inch [TPI]	8,0–48,0	5,0–48,0	5,0–16,0	8,0–27,0	11,5–18,0
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TS	TS	TS	TS	TS

Machining	External machining				
Indexable inserts					
Thread type	full profile, American UN 60°	full profile, American UNJ 60°	full profile, BSPT 55°	full profile, BUT 45°	full profile, ISO metric 60°
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Pitch P [mm]					0,5–5,0
Pitch in threads per inch [TPI]	6,0–40,0	8,0–32,0	11,0–19,0	12,0	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TS	TS	TS	TS	TS

WALTER SELECT ●● Primary application ● Other application

Indexable inserts

Machining	External machining			Internal machining	
Indexable inserts				NEW 	NEW 
Thread type	full profile, RD 30°	full profile, TR 30°	full profile, Whitworth 55°	55° partial profile	60° partial profile
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Pitch P [mm]		2,0–5,0		0,5–3,0	0,5–5,0
Pitch in threads per inch [TPI]	6,0–8,0		7,0–28,0	14,0–48,0	5,0–48,0
Page in catalogue				**128**	**127**
QR code					
www.walter-tools.com/woc/	TS	TS	TS	TS	TS

Machining	Internal machining				
Indexable inserts	NEW 	NEW 	NEW 	NEW 	NEW 
Thread type	full profile, ACME / STUB ACME 29°	full profile, American NPT 60°	full profile, American NPTF 60°	full profile, American UN 60°	full profile, BSPT 55°
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Pitch P [mm]		1,5		1,75–3,0	
Pitch in threads per inch [TPI]	5,0–16,0	8,0–18,0	11,5–14,0	5,0–64,0	11,0–19,0
Page in catalogue	**139**	**136**	**137**	**131**	**135**
QR code					
www.walter-tools.com/woc/	TS	TS	TS	TS	TS

WALTER SELECT

●● Primary application ● Other application

A3

Indexable inserts

Machining	Internal machining				
Indexable inserts	NEW 	NEW 	NEW 	NEW 	NEW 
Thread type	full profile, BUT 45°	full profile, ISO metric 60°	full profile, RD 30°	full profile, TR 30°	full profile, Whitworth 55°
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Pitch P [mm]		0,5–5,0		2,0–5,0	
Pitch in threads per inch [TPI]	12,0	5,08–50,8	6,0–8,0		5,0–28,0
Page in catalogue	**140**	**129**	**138**	**138**	**133**
QR code					
www.walter-tools.com/woc/	TS	TS	TS	TS	TS

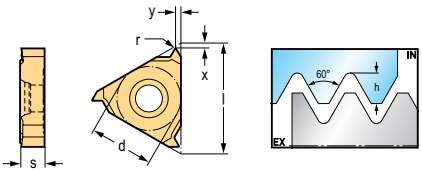
WALTER SELECT

●● Primary application ● Other application

Internal thread turning inserts – 60° partial profile

TS

Tiger·tec® Gold



A3

Indexable inserts

	Designation	TP mm	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	h mm	X mm	Y mm	P HC WMP22G	P HC WMP32G	M HC WMP22G	M HC WMP32G	S HC WMP22G	S HC WMP32G
	TS09-IR-A60	0,5–1,5	16–48	1	0,08	9,6	5,56	1,31	0,7	0,8		😐		😐		😐
	TS11-IR-A60	0,5–1,5	16–48	1	0,08	11	6,35	1,31	0,7	0,8	😐	😐	😐	😐	😐	😐
	TS16-IR-A60	0,5–1,5	16–48	1	0,08	16	9,53	2,42	0,7	0,8		😐		😐		😐
	TS16-IR-AG60	0,5–3	8–48	1	0,08	16	9,53	2,33	1,1	1,5	😐	😐	😐	😐	😐	😐
	TS16-IR-G60	1,75–3	8–14	1	0,12	16	9,53	2,3	1,1	1,5	😐	😐	😐	😐	😐	😐
	TS22-IR-N60	3,5–5	5–7	1	0,25	22	12,7	3,25	1,8	2,5	😐	😐	😐	😐	😐	😐
	TS11-IL-A60	0,5–1,5	16–48	1	0,08	11	6,35	1,31	0,7	0,8		😐		😐		😐
	TS16-IL-A60	0,5–1,5	16–48	1	0,08	16	9,53	1,26	0,7	0,8		😐		😐		😐
	TS16-IL-AG60	0,5–3	8–48	1	0,08	16	9,53	2,33	1,1	1,5		😐		😐		😐
	TS16-IL-G60	1,75–3	8–14	1	0,12	16	9,53	2,3	1,1	1,5		😐		😐		😐
	TS22-IL-N60	3,5–5	5–7	1	0,25	22	12,7	3,34	1,8	2,5		😐		😐		😐
	TS11-IR-A60-F5	0,5–1,5	16–48	1	0,08	11	6,35	1,31	0,7	0,8		😐		😐		😐
	TS16-IR-AG60-F5	0,5–3	8–48	1	0,08	16	9,53	2,39	1,1	1,5		😐		😐		😐
	TS16-IR-G60-F5	1,75–3	8–14	1	0,12	16	9,53	2,44	1,2	1,5		😐		😐		😐

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR-A60 WMP32G

HC = Coated carbide

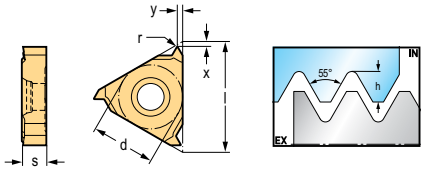
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Internal thread turning inserts – 55° partial profile

TS

Tiger·tec® Gold



A3

Indexable inserts

	Designation	TP mm	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	h mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS09-IR-A55	0,5–1,5	16–48	1	0,08	9,6	5,56	1,39	0,7	0,8	☺	☺	☺
	TS11-IR-A55	0,5–1,5	16–48	1	0,08	11	6,35	1,4	0,6	0,8	☺	☺	☺
	TS16-IR-A55	0,5–1,5	16–48	1	0,08	16	9,53	1,35	0,6	0,8	☺	☺	☺
	TS16-IR-AG55	0,5–3	8–48	1	0,08	16	9,53	2,41	1,1	1,5	☺	☺	☺
	TS16-IR-G55	1,75–3	8–14	1	0,2	16	9,53	2,28	1,1	1,5	☺	☺	☺
	TS16-IL-A55	0,5–1,5	16–48	1	0,08	16	9,53	1,35	0,6	0,8	☺	☺	☺
	TS16-IL-AG55	0,5–3	8–48	1	0,08	16	9,53	2,41	1,1	1,5	☺	☺	☺
	TS16-IL-G55	1,75–3	8–14	1	0,2	16	9,53	2,28	1,1	1,5	☺	☺	☺
	TS16-IR-AG55-F5	0,5–3	8–48	1	0,08	16	9,53	2,41	1,1	1,5	☺	☺	☺
	TS16-IR-G55-F5	1,75–3	8–14	1	0,2	16	9,53	2,25	1,1	1,5	☺	☺	☺

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR-A55 WMP32G

HC = Coated carbide

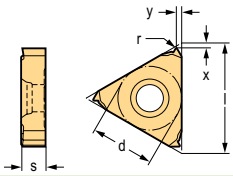
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

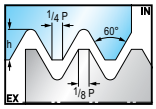
New addition to the product range = ☺ 😐 ☹ / ★

Internal thread turning inserts – full profile, ISO metric 60°

TS

Tiger·tec® Gold





A 3

Indexable inserts

	Designation	TP mm	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP22G	P HC WMP32G	M HC WMP22G	M HC WMP32G	S HC WMP22G	S HC WMP32G
	TS09-IR0.5ISO	0,5	1	0,04	9,6	5,56	0,7	0,6		●		●		●
	TS09-IR0.8ISO	0,8	1	0,07	9,6	5,56	0,7	0,6		●		●		●
	TS09-IR1.0ISO	1	1	0,07	9,6	5,56	0,7	0,8		●		●		●
	TS09-IR1.25ISO	1,25	1	0,11	9,6	5,56	0,7	0,8		●		●		●
	TS09-IR1.5ISO	1,5	1	0,12	9,6	5,56	0,7	0,8		●		●		●
	TS09-IR1.75ISO	1,75	1	0,12	9,6	5,56	0,7	0,8		●		●		●
	TS09-IR2.0ISO	2	1	0,17	9,6	5,56	0,7	0,9		●		●		●
	TS11-IR0.5ISO	0,5	1	0,03	11	6,35	0,8	0,8		●		●		●
	TS11-IR0.75ISO	0,75	1	0,04	11	6,35	0,8	0,8		●		●		●
	TS11-IR1.0ISO	1	1	0,08	11	6,35	0,8	0,8	●	●	●	●	●	●
	TS11-IR1.25ISO	1,25	1	0,09	11	6,35	0,8	0,8		●		●		●
	TS11-IR1.5ISO	1,5	1	0,12	11	6,35	0,8	0,8	●	●	●	●	●	●
	TS11-IR1.75ISO	1,75	1	0,12	11	6,35	0,8	0,8		●		●		●
	TS11-IR2.0ISO	2	1	0,17	11	6,35	0,8	0,9	●	●	●	●	●	●
	TS11-IR2.5ISO	2,5	1	0,18	11	6,35	0,8	1,1		●		●		●
	TS16-IR0.5ISO	0,5	1	0,03	16	9,53	0,8	0,8		●		●		●
	TS16-IR0.75ISO	0,75	1	0,04	16	9,53	0,8	0,8		●		●		●
	TS16-IR1.0ISO	1	1	0,08	16	9,53	0,8	0,8	●	●	●	●	●	●
	TS16-IR1.25ISO	1,25	1	0,09	16	9,53	0,8	0,8	●	●	●	●	●	●
	TS16-IR1.5ISO	1,5	1	0,12	16	9,53	0,8	0,8	●	●	●	●	●	●
	TS16-IR1.75ISO	1,75	1	0,12	16	9,53	1,2	1,5		●		●		●
	TS16-IR2.0ISO	2	1	0,17	16	9,53	1,2	1,5	●	●	●	●	●	●
	TS16-IR2.5ISO	2,5	1	0,18	16	9,53	1,2	1,5	●	●	●	●	●	●
	TS16-IR3.0ISO	3	1	0,21	16	9,53	1,2	1,5	●	●	●	●	●	●
	TS22-IR3.5ISO	3,5	1	0,25	22	12,7	1,9	2,3	●	●	●	●	●	●
	TS22-IR4.0ISO	4	1	0,28	22	12,7	2	2,5	●	●	●	●	●	●
	TS22-IR4.5ISO	4,5	1	0,32	22	12,7	2,1	2,5		●		●		●
	TS22-IR5.0ISO	5	1	0,35	22	12,7	1,8	2,5	●	●	●	●	●	●
	TS11-IL0.5ISO	0,5	1	0,03	11	6,35	0,8	0,8		●		●		●
	TS11-IL0.75ISO	0,75	1	0,04	11	6,35	0,8	0,8		●		●		●
	TS11-IL1.0ISO	1	1	0,07	11	6,35	0,8	0,8		●		●		●
	TS11-IL1.2ISO	1,25	1	0,09	11	6,35	0,8	0,8		●		●		●
	TS11-IL1.5ISO	1,5	1	0,12	11	6,35	0,8	0,8		●		●		●
	TS11-IL2.0ISO	2	1	0,17	11	6,35	0,8	0,9		●		●		●
	TS11-IL2.5ISO	2,5	1	0,18	11	6,35	0,8	1,1		●		●		●
	TS16-IL0.5ISO	0,5	1	0,03	16	9,53	0,8	0,8		●		●		●
	TS16-IL0.75ISO	0,75	1	0,04	16	9,53	0,8	0,8		●		●		●
	TS16-IL1.0ISO	1	1	0,07	16	9,53	0,8	0,8	●	●	●	●	●	●
	TS16-IL1.25ISO	1,25	1	0,09	16	9,53	0,8	0,8		●		●		●
	TS16-IL1.5ISO	1,5	1	0,12	16	9,53	0,8	0,8	●	●	●	●	●	●
	TS16-IL1.75ISO	1,75	1	0,12	16	9,53	1,2	1,5		●		●		●
	TS16-IL2.0ISO	2	1	0,17	16	9,53	1,2	1,5		●		●		●
	TS16-IL2.5ISO	2,5	1	0,18	16	9,53	1,2	1,5		●		●		●
	TS16-IL3.0ISO	3	1	0,21	16	9,53	1,2	1,5		●		●		●
	TS22-IL3.5ISO	3,5	1	0,25	22	12,7	1,9	2,3		●		●		●
	TS22-IL4.0ISO	4	1	0,28	22	12,7	2	2,5		●		●		●
	TS22-IL4.5ISO	4,5	1	0,32	22	12,7	2,1	2,5		●		●		●
	TS22-IL5.0ISO	5	1	0,35	22	12,7	1,8	2,5		●		●		●

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR0.5ISO WMP32G

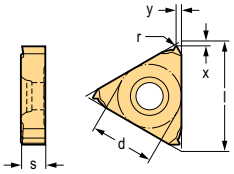
HC = Coated carbide

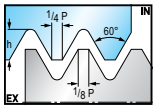
● ● ● / ★ = New addition to the product range

Internal thread turning inserts – full profile, ISO metric 60°

TS

Tiger·tec® Gold





A3

Indexable inserts

	Designation	TP mm	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP22G	P HC WMP32G	M HC WMP22G	M HC WMP32G	S HC WMP22G	S HC WMP32G
	TS11-IR1.0ISO-F5	1	1	0,08	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR1.5ISO-F5	1,5	1	0,12	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR2.0ISO-F5	2	1	0,17	11	6,35	0,8	0,9		😐		😐		😐
	TS16-IR1.0ISO-F5	1	1	0,09	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR1.5ISO-F5	1,5	1	0,12	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR2.0ISO-F5	2	1	0,16	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR2.5ISO-F5	2,5	1	0,18	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR3.0ISO-F5	3	1	0,21	16	9,53	1,2	1,5		😐		😐		😐
	TS11-IR1.0ISO-M5	1	1	0,08	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR1.5ISO-M5	1,5	1	0,12	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR2.0ISO-M5	2	1	0,17	11	6,35	0,8	0,9		😐		😐		😐
	TS16-IR1.0ISO-M5	1	1	0,09	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR1.5ISO-M5	1,5	1	0,12	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR2.0ISO-M5	2	1	0,16	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR2.5ISO-M5	2,5	1	0,18	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR3.0ISO-M5	3	1	0,21	16	9,53	1,2	1,5		😐		😐		😐

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR0.5ISO WMP32G

HC = Coated carbide

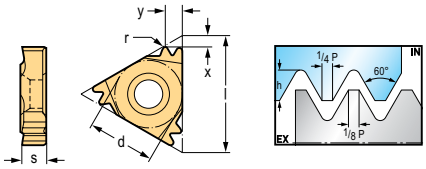
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Internal thread turning inserts – full profile, ISO metric 60°

TS

Tiger·tec® Gold



Indexable inserts

	Designation	TP mm	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR1.5ISO-2	1,5	2	0,12	16	9,53	1,4	2,1	☹	☹	☹
	TS16-IR2.0ISO-2	2	2	0,18	16	9,53	1,6	2,4	☹	☹	☹
	TS16-IR1.0ISO-3	1	3	0,08	16	9,53	1,5	2,4	☹	☹	☹
	TS22-IR2.0ISO-2	2	2	0,17	22	12,7	2	2,9	☹	☹	☹
	TS22-IR1.5ISO-3	1,5	3	0,12	22	12,7	2,3	3,6	☹	☹	☹
	TS22-IR2.0ISO-3	2	3	0,17	22	12,7	3	4,8	☹	☹	☹

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR1.0ISO-3 WMP32G

HC = Coated carbide

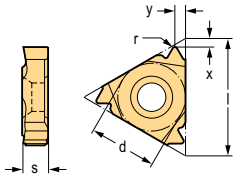
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

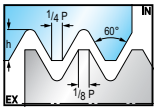
☺ 😐 ☹ / ★ = New addition to the product range

Internal thread turning inserts – full profile, American UN 60°

TS

Tiger·tec® Gold





A3

Indexable inserts

	Bezeichnung	TPI [Gang/Zoll]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP22G	P HC WMP32G	M HC WMP22G	M HC WMP32G	S HC WMP22G	S HC WMP32G
	TS09-IR20UN	20	1	0,09	9,6	5,56	0,7	0,8		😐		😐		😐
	TS09-IR18UN	18	1	0,1	9,6	5,56	0,7	0,8		😐		😐		😐
	TS09-IR13UN	13	1	0,15	9,6	5,56	0,7	0,9		😐		😐		😐
	TS11-IR32UN	32	1	0,04	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR28UN	28	1	0,05	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR24UN	24	1	0,07	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR20UN	20	1	0,09	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR18UN	18	1	0,1	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR16UN	16	1	0,13	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR14UN	14	1	0,14	11	6,35	0,8	0,9		😐		😐		😐
	TS16-IR40UN	40	1	0,04	16	9,53	1,2	0,5		😐		😐		😐
	TS16-IR32UN	32	1	0,04	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR28UN	28	1	0,05	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR24UN	24	1	0,07	16	9,53	0,8	0,8	😐	😐	😐	😐	😐	😐
	TS16-IR20UN	20	1	0,09	16	9,53	0,8	0,8	😐	😐	😐	😐	😐	😐
	TS16-IR18UN	18	1	0,1	16	9,53	0,8	0,8	😐	😐	😐	😐	😐	😐
	TS16-IR16UN	16	1	0,13	16	9,53	0,8	0,8	😐	😐	😐	😐	😐	😐
	TS16-IR14UN	14	1	0,14	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR13UN	13	1	0,15	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR12UN	12	1	0,15	16	9,53	1,2	1,5	😐	😐	😐	😐	😐	😐
	TS16-IR11UN	11	1	0,16	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR10UN	10	1	0,18	16	9,53	1,2	1,5	😐	😐	😐	😐	😐	😐
	TS16-IR08UN	8	1	0,25	16	9,53	1,2	1,5	😐	😐	😐	😐	😐	😐
	TS22-IR07UN	7	1	0,25	22	12,7	2	2,4		😐		😐		😐
	TS22-IR06UN	6	1	0,3	22	12,7	2,2	2,5		😐		😐		😐
	TS22-IR05UN	5	1	0,36	22	12,7	1,8	2,5		😐		😐		😐
	TS11-IL24UN	24	1	0,07	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IL20UN	20	1	0,09	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IL18UN	18	1	0,1	11	6,35	0,8	0,8		😐		😐		😐
	TS16-IL28UN	28	1	0,05	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IL24UN	24	1	0,07	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IL20UN	20	1	0,09	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IL18UN	18	1	0,1	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IL16UN	16	1	0,13	16	9,53	0,8	0,8	😐	😐	😐	😐	😐	😐
	TS16-IL14UN	14	1	0,14	16	9,53	1,2	1,5	😐	😐	😐	😐	😐	😐
	TS16-IL12UN	12	1	0,15	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IL10UN	10	1	0,18	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IL08UN	8	1	0,25	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR20UN-F5	20	1	0,09	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR18UN-F5	18	1	0,1	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR16UN-F5	16	1	0,12	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR14UN-F5	14	1	0,14	16	9,53	1,2	1,3		😐		😐		😐
	TS16-IR12UN-F5	12	1	0,15	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR08UN-F5	8	1	0,25	16	9,53	1,2	1,5		😐		😐		😐

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR13UN WMP32G

HC = Coated carbide

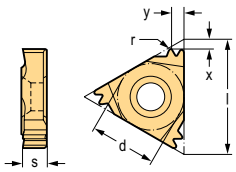
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

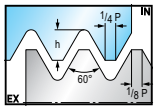
New addition to the product range = ☺ 😐 ☹ / ★

Internal thread turning inserts – full profile, American UN 60°

TS

Tiger·tec® Gold





Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR16UN-2	16	2	0,13	16	9,53	1,5	2,3	😐	😐	😐
	TS22-IR16UN-3	16	3	0,13	22	12,7	2,4	3,8	😐	😐	😐
	TS22-IR12UN-2	12	2	0,15	22	12,7	2	3	😐	😐	😐
	TS22-IR12UN-3	12	3	0,15	22	12,7	3	5	😐	😐	😐

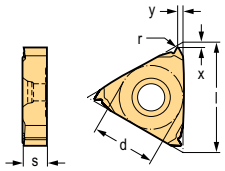
Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR16UN-2 WMP32G

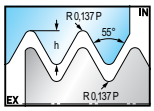
HC = Coated carbide

Internal thread turning inserts – full profile, Whitworth 55°

TS

Tiger·tec® Gold





Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP22G	P HC WMP32G	M HC WMP22G	M HC WMP32G	S HC WMP22G	S HC WMP32G
	TS09-IR19W	19	1	0,15	9,6	5,56	0,7	0,8		😐		😐		😐
	TS09-IR14W	14	1	0,24	9,6	5,56	0,7	0,9		😐		😐		😐
	TS11-IR19W	19	1	0,15	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR14W	14	1	0,24	11	6,35	0,7	0,9		😐		😐		😐
	TS16-IR28W	28	1	0,09	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR20W	20	1	0,14	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR19W	19	1	0,15	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR16W	16	1	0,2	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IR14W	14	1	0,24	16	9,53	1,2	1,5	😐	😐	😐	😐	😐	😐
	TS16-IR12W	12	1	0,24	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR11W	11	1	0,3	16	9,53	1,2	1,5	😐	😐	😐	😐	😐	😐
	TS16-IR10W	10	1	0,27	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR09W	9	1	0,31	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IR08W	8	1	0,42	16	9,53	1,2	1,5		😐		😐		😐
	TS22-IR07W	7	1	0,43	22	12,7	1,8	2,5		😐		😐		😐
	TS22-IR06W	6	1	0,5	22	12,7	1,8	2,5		😐		😐		😐
	TS22-IR05W	5	1	0,63	22	12,7	1,7	2,5		😐		😐		😐

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR14W WMP32G

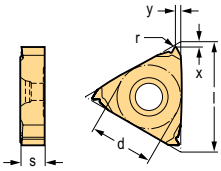
HC = Coated carbide

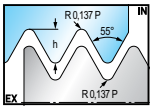
WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

Internal thread turning inserts – full profile, Whitworth 55°

TS

Tiger·tec® Gold





A3

Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP22G	P HC WMP32G	M HC WMP22G	M HC WMP32G	S HC WMP22G	S HC WMP32G
	TS11-IL19W	19	1	0,15	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IL14W	14	1	0,24	11	6,35	1,2	0,9		😐		😐		😐
	TS16-IL28W	28	1	0,09	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IL19W	19	1	0,15	16	9,53	0,8	0,8		😐		😐		😐
	TS16-IL14W	14	1	0,24	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IL11W	11	1	0,3	16	9,53	1,2	1,5		😐		😐		😐
	TS16-IL08W	8	1	0,42	16	9,53	1,2	1,5		😐		😐		😐
	TS11-IR19W-F5	19	1	0,15	11	6,35	0,8	0,8		😐		😐		😐
	TS11-IR14W-F5	14	1	0,24	11	6,35	0,7	0,9		😐		😐		😐
	TS16-IR14W-F5	14	1	0,23	16	9,53	1,2	1,1		😐		😐		😐
	TS16-IR11W-F5	11	1	0,3	16	9,53	1,2	1,5		😐		😐		😐

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS09-IR14W WMP32G

HC = Coated carbide

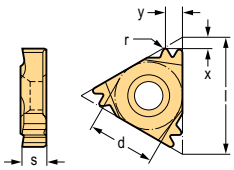
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

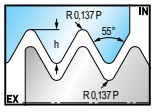
New addition to the product range = ☺ 😐 ☹ / ★

Internal thread turning inserts – full profile, Whitworth 55°

TS

Tiger·tec® Gold





A 3

Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR11W-2	11	2	0,31	16	9,53	1,8	2,8	☺	☺	☺
	TS22-IR11W-2	11	2	0,3	22	12,7	2,3	3,5	☺	☺	☺

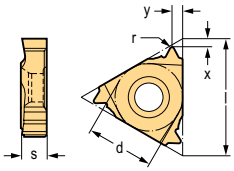
Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR11W-2 WMP32G

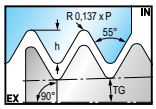
HC = Coated carbide

Internal thread turning inserts – full profile, BSPT 55°

TS

Tiger·tec® Gold





Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS09-IR19BSPT	19	1	0,15	9,6	5,56	0,8	0,8	☺	☺	☺
	TS16-IR14BSPT	14	1	0,24	16	9,53	1,2	1,5	☺	☺	☺
	TS16-IR11BSPT	11	1	0,3	16	9,53	1,2	1,5	☺	☺	☺

Dimensional drawing shows right-hand version.
Taper ratio TG is equal to 1:16 or 1°47''
Ordering example for the grade WMP32G: TS09-IR19BSPT WMP32G

HC = Coated carbide

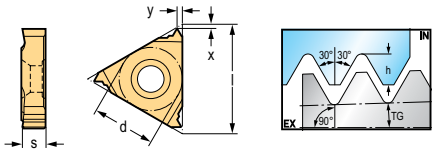
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Internal thread turning inserts – full profile, American NPT 60°

TS

Tiger·tec® Gold



A3

Indexable inserts

	Designation	TPI [Threads/Inch]	Z	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS09-IR18NPT	18	1	9,6	5,56	0,7	0,8	😐	😐	😐
	TS11-IR18NPT	18	1	11	6,35	0,7	0,8	😐	😐	😐
	TS11-IR14NPT	14	1	11	6,35	0,7	1	😐	😐	😐
	TS16-IR14NPT	14	1	16	9,53	1,1	1,5	😐	😐	😐
	TS16-IR11.5NPT	11,5	1	16	9,53	1,1	1,5	😐	😐	😐
	TS16-IR08NPT	8	1	16	9,53	1,1	1,6	😐	😐	😐
	TS16-IR11.5NPT-F5	11,5	1	16	9,53	1,1	1,5	😐	😐	😐

Dimensional drawing shows right-hand version.
Taper ratio TG is equal to 1:16 or 1°47''
Ordering example for the grade WMP32G: TS09-IR18NPT WMP32G

HC = Coated carbide

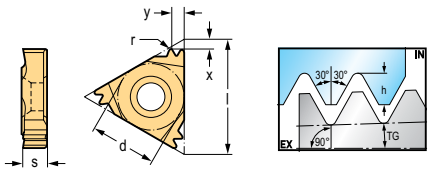
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Internal thread turning inserts – full profile, American NPT 60°

TS

Tiger·tec® Gold



Indexable inserts

	Designation	TPI [Threads/Inch]	Z	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS22-IR11.5NPT-2	11,5	2	22	12,7	2,1	3,3	☺	☺	☺

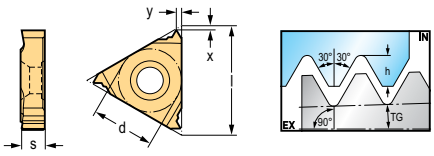
Dimensional drawing shows right-hand version.
Taper ratio TG is equal to 1:16 or 1°47''
Ordering example for the grade WMP32G: TS22-IR11.5NPT-2 WMP32G

HC = Coated carbide

Internal thread turning inserts – full profile, American NPTF 60°

TS

Tiger·tec® Gold



Indexable inserts

	Designation	TPI [Threads/Inch]	Z	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR14NPTF	14	1	16	9,53	1,1	1,5	☺	☺	☺
	TS16-IR11.5NPTF	11,5	1	16	9,53	1,1	1,5	☺	☺	☺

Dimensional drawing shows right-hand version.
Taper ratio TG is equal to 1:16 or 1°47''
Ordering example for the grade WMP32G: TS16-IR11.5NPTF WMP32G

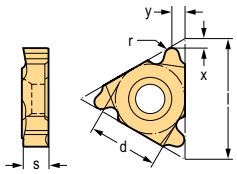
HC = Coated carbide

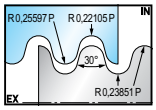
A3

Internal thread turning inserts – full profile, RD 30°

TS

Tiger·tec® Gold





Indexable inserts

	Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR08RD	8	1	0,69	16	9,53	1,3	1,5	☺	☺	☺
	TS16-IR06RD	6	1	0,87	16	9,53	1,3	1,8	☺	☺	☺

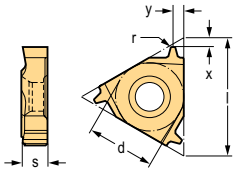
Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR06RD WMP32G

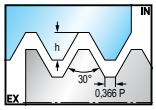
HC = Coated carbide

Internal thread turning inserts – full profile, TR 30°

TS

Tiger·tec® Gold





Indexable inserts

	Designation	TP mm	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR2.0TR	2	1	0,15	16	9,53	1,3	1,5	☺	☺	☺
	TS16-IR3.0TR	3	1	0,15	16	9,53	1,3	1,6	☺	☺	☺
	TS22-IR4.0TR	4	1	0,2	22	12,7	2	2,5	☺	☺	☺
	TS22-IR5.0TR	5	1	0,2	22	12,7	2	2,3	☺	☺	☺

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR2.0TR WMP32G

HC = Coated carbide

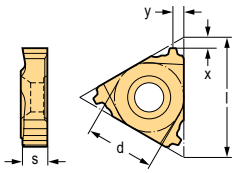
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

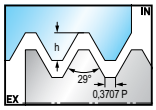
New addition to the product range = ☺ ☹ ☹ / ★

Internal thread turning inserts – full profile, ACME / STUB ACME 29°

TS

Tiger·tec® Gold





A 3

Indexable inserts

	Designation	TPI [Threads/Inch]	Z	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
	TS16-IR16ACME	16	1	16	9,53	0,9	0,8	☹	☹	☹
	TS16-IR14STACME	14	1	16	9,53	1,3	1,5	☹	☹	☹
	TS16-IR12ACME	12	1	16	9,53	1,3	1,5	☹	☹	☹
	TS16-IR12STACME	12	1	16	9,53	1,5	1,5	☹	☹	☹
	TS16-IR10ACME	10	1	16	9,53	1,3	1,5	☹	☹	☹
	TS16-IR10STACME	10	1	16	9,53	1,5	1,5	☹	☹	☹
	TS16-IR08ACME	8	1	16	9,53	1,3	1,5	☹	☹	☹
	TS16-IR08STACME	8	1	16	9,53	1,8	1,5	☹	☹	☹
	TS22-IR06ACME	6	1	22	12,7	2	2,5	☹	☹	☹
	TS22-IR06STACME	6	1	22	12,7	2,4	2,5	☹	☹	☹
	TS22-IR05ACME	5	1	22	12,7	2	2,3	☹	☹	☹
	TS22-IR05STACME	5	1	22	12,7	2	2,1	☹	☹	☹

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR08ACME WMP32G

HC = Coated carbide

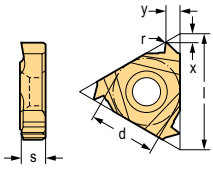
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

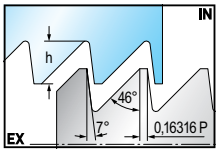
☺ 😐 ☹ / ★ = New addition to the product range

Internal thread turning inserts – full profile, BUT 45°

TS

Tiger·tec® Gold





A3

Indexable inserts

Designation	TPI [Threads/ Inch]	Z	r mm	l mm	d mm	X mm	Y mm	P HC WMP32G	M HC WMP32G	S HC WMP32G
 TS16-IR12BUT	12	1		16	9,53	2	1,3			

Dimensional drawing shows right-hand version.
Ordering example for the grade WMP32G: TS16-IR12BUT WMP32G

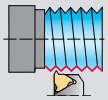
HC = Coated carbide

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

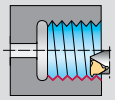
New addition to the product range = ☺ 😐 ☹ / ★

A3

Thread turning tools - external machining

Type	 TS-E..			
Machining				
	NEW 			
Designation	**T1051-C...**	**T1011**	**T1011...-S**	**T1011-C...**
Version	Walter Capto™ in acc. with ISO 26623	Square shank	Square shank	Walter Capto™ in acc. with ISO 26623
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Internal	External	External	Internal
Shank size h [mm]				
Shank size h [Inch]				
Walter Capto™ size	C6			C3–C6
Insert size l [mm]	16–22	16–22	16–22	16–22
Page in catalogue				
QR code				
www.walter-tools.com/woc/	T1051-C	T1011	T1011-S	T1011-C

Threading tools - internal machining

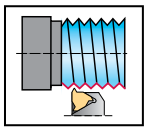
Type	 TS-I..			
Machining				
	NEW	NEW	NEW	
				
Designation	**T1222**	**T1221-C...**	**T1223**	**T1820-Q...-P**
Version	Parallel shank with clamping surface	Walter Capto™ in acc. with ISO 26623	Parallel shank with clamping surface	QuadFit
Clamping system	Screw	Claw	Lever-type	Lever-type
Coolant supply	External	Internal	Internal	Precision cooling
Walter Capto™ size		C4–C6		
Insert size l [mm]				16–22
Page in catalogue	144	154	147	
QR code				
www.walter-tools.com/woc/	T1222	T1221-C	T1223	T1820-Q-P

45° Turning tools – External thread

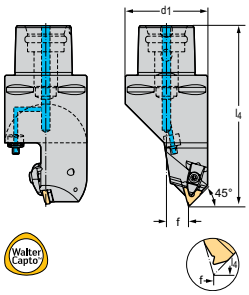
T1051-C... mm

A3

– Rigid clamping
– Walter Capto™



Tool



Walter Capto™ in acc. with ISO 26623

Designation		d_1	f mm	l_4 mm	Type
★ T1051-C6R-18100-TS16	16	C6	16	100	TS16-E
★ T1051-C6R-16100-TS22	22	C6	45	100	TS22-E

The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type d_1	TS16-E C6	TS22-E C6
Clamp	PK273	PK274
Clamping screw Tightening torque	FS2687 (T15IP) 2,5 Nm	FS2688 (T20IP) 3,9 Nm
Shim	GX16-1	NX22-1
Screw for shim	FS2590 (T9IP)	FS2686 (T15IP)
Tension spring	FS1470	SP1000-76-16
Torx key	FS1465 (T15IP)	
Allen key		FS1464 (T20IP)
Coolant nozzle	FS1479	FS1479

Accessories

Type	TS16-E	TS22-E
Shim	MX16-1	MX22-1
Shim	GX16-0	NX22-97.5
Shim	GX16-2	NX22-98
Shim	GX16-3	NX22-99
Shim	GX16-4	NX22-98.5
Shim	GX16-98	NX22-99.5
Shim	GX16-99	NX22-0.5
Shim		NX22-1.5
Shim		NX22-0

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

Accessories

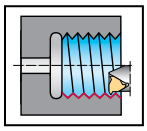
	Type	TS16-E	TS22-E
	Shim		NX22-2
	Shim		NX22-3
	Shim		NX22-4

Boring bar – Internal thread

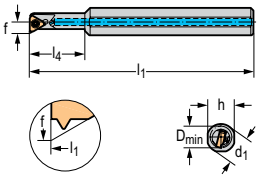
T1222 mm

A3

– Screw clamping

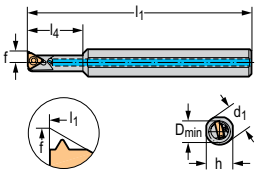


Tool



Parallel shank with clamping surface

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_4 mm	β	Type
★ T1222-A16LR-10-TS09	09	10,2	16	5,1	15	140	20	1,5°	TS09-I
★ T1222-A20LR-10-TS09	09	10,2	20	5,1	18	140	20	1,5°	
★ T1222-A10HR-13-TS11	11	13	10	7,5	9	100	25	1,5°	TS11-I
★ T1222-A16KR-12-TS11	11	12	12	6,5	14	125	30	1,5°	
★ T1222-A16LR-15-TS11	11	15	16	8	14	140	32	1,5°	
★ T1222-A20QR-12-TS11	11	12	20	7	18	180	25	3°	
★ T1222-A20QR-13-TS11	11	13	20	7,5	18	180	25	2°	
★ T1222-A20QR-16-TS11	11	16	20	9	18	180	32	2°	
★ T1222-A16MR-19-TS16	16	19	16	10,3	14	150	40	1,5°	TS16-I
★ T1222-A20QR-16-TS16	16	16	20	10,2	18	180	34	3°	
★ T1222-A20QR-17-TS16	16	17	20	10,3	18	180	34	2°	
★ T1222-A20QR-20-TS16	16	20	20	11,5	18	180	45	2°	
★ T1222-A20QR-24-TS22	22	24	20	13	18	180	45	1,5°	TS22-I

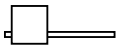


Parallel shank with clamping surface

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_4 mm	β	Type
★ T1222-A10HL-13-TS11	11	13	10	7,5	9	100	25	1,5°	TS11-I
★ T1222-A16KL-12-TS11	11	12	12	6,5	14	125	30	1,5°	
★ T1222-A16LL-15-TS11	11	15	16	8	14	140	32	1,5°	
★ T1222-A20QL-12-TS11	11	12	20	7	18	180	25	3°	
★ T1222-A20QL-13-TS11	11	13	20	7,5	18	180	25	2°	
★ T1222-A16ML-19-TS16	16	19	16	10,3	14	150	40	1,5°	TS16-I
★ T1222-A20QL-16-TS11	16	16	20	9	18	180	32	2°	
★ T1222-A20QL-16-TS16	16	16	20	10,2	18	180	34	3°	
★ T1222-A20QL-17-TS16	16	17	20	10,3	18	180	34	2°	
★ T1222-A20QL-20-TS16	16	20	20	11,5	18	180	45	2°	
★ T1222-A20QL-24-TS22	22	24	20	13	18	180	45	1,5°	TS22-I

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

Assembly parts

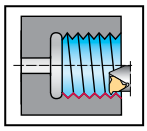
	Type	TS09-I	TS11-I	TS16-I	TS22-I
	Screw for indexable insert	FS2684 (T07IP)	FS2685 (T07IP)	FS2683 (T15IP)	FS2682 (T15IP)
	Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

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

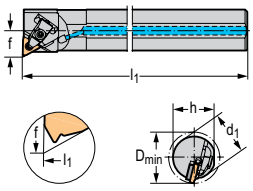
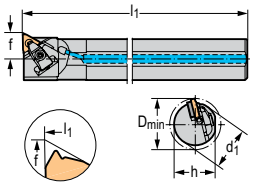
Boring bar – Internal thread

T1221 mm

– Rigid clamping

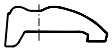
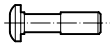
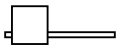


Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	Type
 Parallel shank with clamping surface	★ T1221-A20QR-24-TS16	16	24	20	13,8	18	170	TS16-I
	★ T1221-A25RR-29-TS16	16	29	25	16,3	23	200	
	★ T1221-A32SR-36-TS16	16	36	32	19,8	30	250	
	★ T1221-A40TR-44-TS16	16	44	40	23,8	37	300	
	★ T1221-A25RR-30-TS22	22	30	25	17,8	23	200	TS22-I
	★ T1221-A32SR-38-TS22	22	38	32	21,3	30	250	
	★ T1221-A40TR-46-TS22	22	46	40	25,3	37	300	
 Parallel shank with clamping surface	★ T1221-A20QL-24-TS16	16	24	20	11,78	18	171	TS16-I
	★ T1221-A25RL-29-TS16	16	29	25	11,78	23	171	
	★ T1221-A32SL-36-TS16	16	36	32	19,8	30	250	
	★ T1221-A40TL-44-TS16	16	44	40	23,8	37	300	
	★ T1221-A25RL-30-TS22	22	30	25	17,8	23	200	TS22-I
	★ T1221-A32SL-38-TS22	22	38	32	21,3	30	250	
	★ T1221-A40TL-46-TS22	22	46	40	25,3	37	300	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type D_{min} [mm]	TS16-I 24–29	TS16-I 36–44	TS22-I 30–38	TS22-I 46
	Clamp		PK273		PK274
	Clamp set	PK276-SET		PK277-SET	
	Clamping screw		FS2687 (T15IP) 2,5 Nm		FS2688 (T20IP) 3,9 Nm
	Shim	GX16-1	GX16-1	NX22-1	NX22-1
	Screw for shim	FS2590 (T9IP)	FS2590 (T9IP)	FS2686 (T15IP)	FS2686 (T15IP)
	Screw plug	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)
	Tension spring		FS1470		SP1000-76-16
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
	Allen key				FS1464 (T20IP)

Accessories

	Type	TS16-I	TS22-I
	Shim	MX16-1	MX22-1
	Shim	GX16-0	NX22-97.5
	Shim	GX16-2	NX22-98
	Shim	GX16-3	NX22-99
	Shim	GX16-4	NX22-98.5

A3

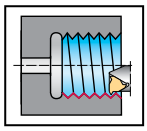
Accessories

	Type	TS16-I	TS22-I
	Shim	GX16-98	NX22-99.5
	Shim	GX16-99	NX22-0.5
	Shim		NX22-1.5
	Shim		NX22-0
	Shim		NX22-2
	Shim		NX22-3
	Shim		NX22-4
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

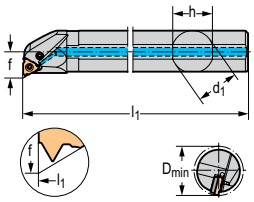
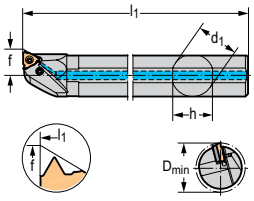
Boring bar – Internal thread

T1223 mm

– Lever clamping



Tool

	Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	Type
 Parallel shank with clamping surface	★ T1223-A20QR-24-TS16	16	24	20	13,8	19	171	TS16-I
	★ T1223-A25RR-29-TS16	16	29	25	16,3	24	200	
	★ T1223-A32SR-36-TS16	16	36	32	19,8	30	250	
	★ T1223-A40TR-44-TS16	16	44	40	23,8	38,5	300	
	★ T1223-A25RR-30-TS22	22	30	25	17,8	23	200	TS22-I
	★ T1223-A32SR-38-TS22	22	38	32	21,3	30	250	
	★ T1223-A40TR-46-TS22	22	46	40	25,3	37	300	
 Parallel shank with clamping surface	★ T1223-A20QL-24-TS16	16	24	20	13,8	19	171	TS16-I
	★ T1223-A25RL-29-TS16	16	29	25	16,3	24	200	
	★ T1223-A32SL-36-TS16	16	36	32	19,8	30	250	
	★ T1223-A25RL-30-TS22	22	30	25	17,8	23	200	TS22-I
	★ T1223-A32SL-38-TS22	22	38	32	21,3	30	250	
	★ T1223-A40TL-46-TS22	22	46	40	25,3	37	300	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TS16-I	TS22-I
	Lever	KN129	KN130
	Shim	GXA16-1	NXA22-1
	Lever screw	FS2615 (T15IP)	FS2616 (T25IP)
	Shim pin	RS123	RS124
	Torx key	FS1465 (T15IP)	
	Allen key		FS1592 (T25IP)

Accessories

	Type	TS16-I	TS22-I
	Shim	MXA16-1	MXA22-1
	Shim	GXA16-0	NXA22-0
	Shim	GXA16-2	NXA22-98
	Shim	GXA16-3	NXA22-97.5
	Shim	GXA16-4	NXA22-0.5
	Shim	GXA16-99	NXA22-1.5
	Shim	GXA16-98	NXA22-2

A3

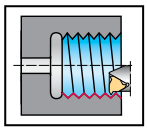
Accessories

	Type	TS16-I	TS22-I
	Shim		NXA22-3
	Shim		NXA22-4
	Shim		NXA22-99.5
	Shim		NXA22-99
	Shim		NXA22-98.5

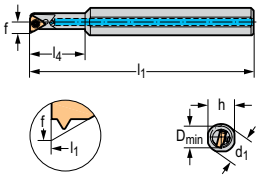
Boring bar – Internal thread

T1222 inch

– Screw clamping

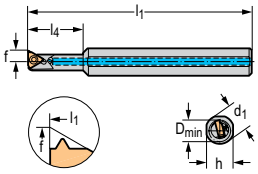


Tool



Parallel shank with clamping surface

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	l_4 inch	β	Type
★ T1222.A12LR-10-TS09	09	0,400	0,750	0,201	0,725	5,500	0,750	1,5°	TS09-I
★ T1222.A06HR-13-TS11	11	0,500	0,375	0,285	0,358	4,000	1,181	1,5°	TS11-I
★ T1222.A06MR-11-TS11	11	0,450	0,375	0,285	0,358	6,000	0,390	1,5°	
★ T1222.A10LR-15-TS11	11	0,600	0,625	0,315	0,593	5,500	1,250	1,5°	
★ T1222.A10MR-19-TS16	16	0,750	0,625	0,406	0,593	6,000	1,500	1,5°	TS16-I
★ T1222.A12AR-23-TS22	22	0,900	0,750	0,492	0,725	10,000	2,000	1,5°	TS22-I
★ T1222.A12QR-23-TS22	22	0,900	0,750	0,492	0,725	7,000	2,000	1,5°	

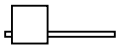


Parallel shank with clamping surface

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	l_4 inch	β	Type
★ T1222.A06HL-13-TS11	11	0,500	0,375	0,285	0,358	4,000	1,181	1,5°	TS11-I
★ T1222.A10LL-15-TS11	11	0,600	0,625	0,315	0,593	5,500	1,250	1,5°	
★ T1222.A10ML-19-TS16	16	0,750	0,625	0,406	0,593	6,000	1,500	1,5°	TS16-I
★ T1222.A12QL-23-TS22	22	0,900	0,750	0,492	0,725	7,000	2,000	1,5°	TS22-I

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

Assembly parts

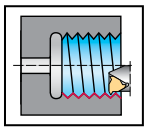
Type	TS09-I	TS11-I	TS16-I	TS22-I
 Screw for indexable insert	FS2684 (T07IP)	FS2685 (T07IP)	FS2683 (T15IP)	FS2682 (T15IP)
 Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

Boring bar – Internal thread

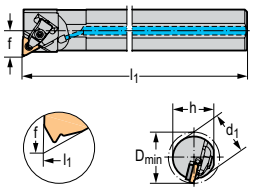
T1221 inch

A3

– Rigid clamping

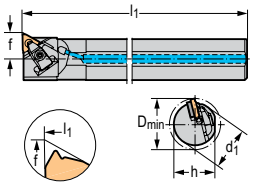


Tool



Parallel shank with clamping surface

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	Type
★ T1221.A12PR-24-TS16	16	0,950	0,750	0,520	0,725	6,693	TS16-I
★ T1221.A16RR-29-TS16	16	1,150	1,000	0,650	0,975	7,874	
★ T1221.A20SR-36-TS16	16	1,400	1,250	0,780	1,205	9,843	
★ T1221.A24TR-43-TS16	16	1,700	1,500	0,898	1,455	11,811	
★ T1221.A16RR-31-TS22	22	1,200	1,000	0,709	0,975	7,917	TS22-I
★ T1221.A20SR-38-TS22	22	1,500	1,250	0,839	1,205	9,843	
★ T1221.A24TR-46-TS22	22	1,800	1,500	0,969	1,455	11,811	



Parallel shank with clamping surface

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	Type
★ T1221.A12PL-24-TS16	16	0,950	0,750	0,520	0,725	6,693	TS16-I
★ T1221.A16RL-29-TS16	16	1,150	1,000	0,650	0,975	7,874	
★ T1221.A20SL-36-TS16	16	1,400	1,250	0,780	1,205	9,843	
★ T1221.A24TL-43-TS16	16	1,700	1,500	0,898	1,455	11,811	
★ T1221.A16RL-31-TS22	22	1,200	1,000	0,709	0,975	7,917	TS22-I
★ T1221.A20SL-38-TS22	22	1,500	1,250	0,839	1,205	9,843	
★ T1221.A24TL-46-TS22	22	1,800	1,500	1,183	1,455	11,811	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type D_{min} [inch]	TS16-I 0,95–1,15	TS16-I 1,4–1,7	TS22-I 1,2–1,5	TS22-I 1,8
Clamp		PK273		PK274
Clamp set	PK276-SET		PK277-SET	
Clamping screw		FS2687 (T15IP) 1,844 lbs		FS2688 (T20IP) 2,876 lbs
Shim	GX16-1	GX16-1	NX22-1	NX22-1
Screw for shim	FS2590 (T9IP)	FS2590 (T9IP)	FS2686 (T15IP)	FS2686 (T15IP)
Screw plug	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)	FS2689 (SW 2)
Tension spring		FS1470		SP1000-76-16
Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
Allen key				FS1464 (T20IP)

Accessories

Type	TS16-I	TS22-I
Shim	MX16-1	MX22-1
Shim	GX16-0	NX22-97.5
Shim	GX16-2	NX22-98
Shim	GX16-3	NX22-99
Shim	GX16-4	NX22-98.5

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

Accessories

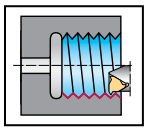
	Type	TS16-I	TS22-I
	Shim	GX16-98	NX22-99.5
	Shim	GX16-99	NX22-0.5
	Shim		NX22-1.5
	Shim		NX22-0
	Shim		NX22-2
	Shim		NX22-3
	Shim		NX22-4
	Torx key	FS1466 (T9IP)	FS1465 (T15IP)

Boring bar – Internal thread

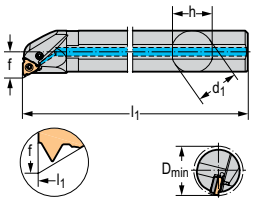
T1223 inch

A3

– Lever clamping

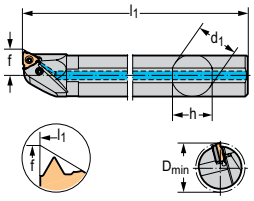


Tool



Parallel shank with clamping surface

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	Type
★ T1223.A12QR-24-TS16	16	0,95	0,750	0,520	0,725	7,000	TS16-I
★ T1223.A16RR-29-TS16	16	1,150	1,000	0,650	0,975	8,000	
★ T1223.A20SR-36-TS16	16	1,404	1,250	0,780	1,205	10,000	
★ T1223.A24TR-43-TS16	16	1,700	1,500	0,900	1,455	12,000	
★ T1223.A16RR-30-TS22	22	1,181	1,000	0,710	0,975	8,000	TS22-I
★ T1223.A20SR-38-TS22	22	1,500	1,250	0,840	1,205	10,000	
★ T1223.A24TR-46-TS22	22	1,800	1,500	0,970	1,455	12,000	



Parallel shank with clamping surface

★ T1223.A12QL-24-TS16	16	0,95	0,750	0,520	0,725	7,000	TS16-I
★ T1223.A16RL-29-TS16	16	1,150	1,000	0,650	0,975	8,000	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	TS16-I	TS22-I
Lever	KN129	KN130
Shim	GXA16-1	NXA22-1
Lever screw	FS2690 (T15IP)	FS2616 (T25IP)
Shim pin	RS123	RS124
Torx key	FS1465 (T15IP)	
Allen key		FS1592 (T25IP)

Accessories

Type	TS16-I	TS22-I
Shim	MXA16-1	MXA22-1
Shim	GXA16-0	NXA22-0
Shim	GXA16-2	NXA22-98
Shim	GXA16-3	NXA22-97.5
Shim	GXA16-4	NXA22-0.5
Shim	GXA16-99	NXA22-1.5
Shim	GXA16-98	NXA22-2

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

Accessories

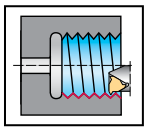
Type	TS16-I	TS22-I
Shim		NXA22-3
Shim		NXA22-4
Shim		NXA22-99.5
Shim		NXA22-99
Shim		NXA22-98.5

Boring bar – Internal thread

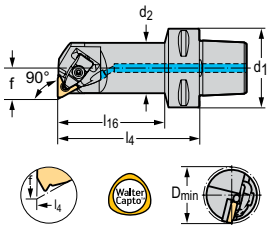
T1221-C... mm

A3

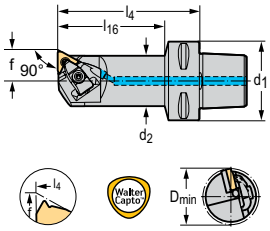
– Rigid clamping



Tool



Walter Capto™ in acc. with ISO 26623



Walter Capto™ in acc. with ISO 26623

Designation		D_{min} mm	d_2 mm	d_1	f mm	l_4 mm	l_{16} mm	Type
★ T1221-C4R-14060-TS16	16	24	20	C4	13,8	60	36	TS16-I
★ T1221-C4R-17070-TS16	16	29	25	C4	16,3	70	48	
★ T1221-C4R-20090-TS16	16	36	32	C4	19,8	90	69	
★ T1221-C5R-14060-TS16	16	24	20	C5	13,8	60	36	
★ T1221-C5R-17070-TS16	16	29	25	C5	16,3	70	47	
★ T1221-C5R-20090-TS16	16	36	32	C5	19,8	90	68	
★ T1221-C5R-27105-TS16	16	50	45	C5	27	105	53	
★ T1221-C6R-17075-TS16	16	29	25	C6	16,3	75	53	
★ T1221-C6R-20090-TS16	16	36	32	C6	19,8	90	68	
★ T1221-C6R-24105-TS16	16	44	40	C6	23,8	105	80	
★ T1221-C4R-22090-TS22	22	38	32	C4	21,3	90	69	TS22-I
★ T1221-C5R-18070-TS22	22	30	25	C5	17,8	70	47	
★ T1221-C5R-22090-TS22	22	38	32	C5	21,3	90	68	
★ T1221-C6R-18075-TS22	22	30	25	C6	17,8	75	53	
★ T1221-C6R-22090-TS22	22	38	32	C6	21,3	90	68	
★ T1221-C6R-26105-TS22	22	46	40	C6	25,3	105	80	
★ T1221-C4L-14060-TS16	16	24	20	C4	13,8	60	36	TS16-I
★ T1221-C4L-17070-TS16	16	29	25	C4	16,3	70	48	
★ T1221-C4L-20090-TS16	16	36	32	C4	19,8	90	69	
★ T1221-C5L-14060-TS16	16	24	20	C5	13,8	60	36	
★ T1221-C5L-17070-TS16	16	29	25	C5	16,3	70	47	
★ T1221-C5L-20090-TS16	16	36	32	C5	19,8	90	68	
★ T1221-C6L-17075-TS16	16	29	25	C6	16,3	75	53	
★ T1221-C6L-20090-TS16	16	36	32	C6	19,8	90	68	
★ T1221-C6L-24105-TS16	16	44	40	C6	23,8	105	80	
★ T1221-C4L-22090-TS22	22	38	32	C4	21,3	90	69	TS22-I
★ T1221-C5L-18070-TS22	22	30	25	C5	17,8	70	47	
★ T1221-C5L-22090-TS22	22	38	32	C5	21,3	90	68	
★ T1221-C6L-18075-TS22	22	30	25	C6	17,8	75	53	
★ T1221-C6L-22090-TS22	22	38	32	C6	21,3	90	68	
★ T1221-C6L-26105-TS22	22	46	40	C6	25,3	105	80	

Dimensional drawing shows right-hand version. | The toolholders listed are designed for an inclination angle of 1° | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type D_{min} [mm]	TS16-I 24–29	TS16-I 36–50	TS22-I 30–38	TS22-I 46
Clamp		PK273		PK274
Clamp set	PK276-SET		PK277-SET	
Clamping screw		FS2687 (T15IP) 2,5 Nm		FS2688 (T20IP) 3,9 Nm
Shim	GX16-1	GX16-1	NX22-1	NX22-1
Screw for shim	FS2590 (T9IP)	FS2590 (T9IP)	FS2686 (T15IP)	FS2686 (T15IP)
Tension spring		FS1470		SP1000-76-16

Assembly parts

Type D_{min} [mm]	TS16-I 24–29	TS16-I 36–50	TS22-I 30–38	TS22-I 46
Torx key	FS1465 (T15IP)	FS1465 (T15IP)	FS1465 (T15IP)	
Allen key				FS1464 (T20IP)

Accessories

Type	TS16-I	TS22-I
Shim	MX16-1	MX22-1
Shim	GX16-0	NX22-97.5
Shim	GX16-2	NX22-98
Shim	GX16-3	NX22-99
Shim	GX16-4	NX22-98.5
Shim	GX16-98	NX22-99.5
Shim	GX16-99	NX22-0.5
Shim		NX22-1.5
Shim		NX22-0
Shim		NX22-2
Shim		NX22-3
Shim		NX22-4
Torx key	FS1466 (T9IP)	FS1465 (T15IP)

A 3

B - Drilling

B1 - Drilling from solid

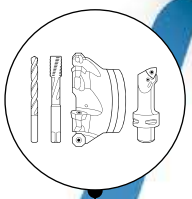
B2 - Boring and precision boring

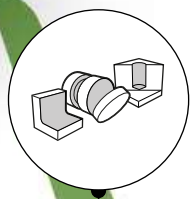
B3 - Reaming

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

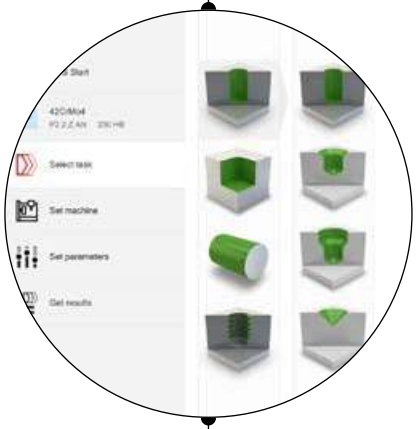
B SEARCH APPLICATION-RELATED

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

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

Select **material** and …

… **application**



Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

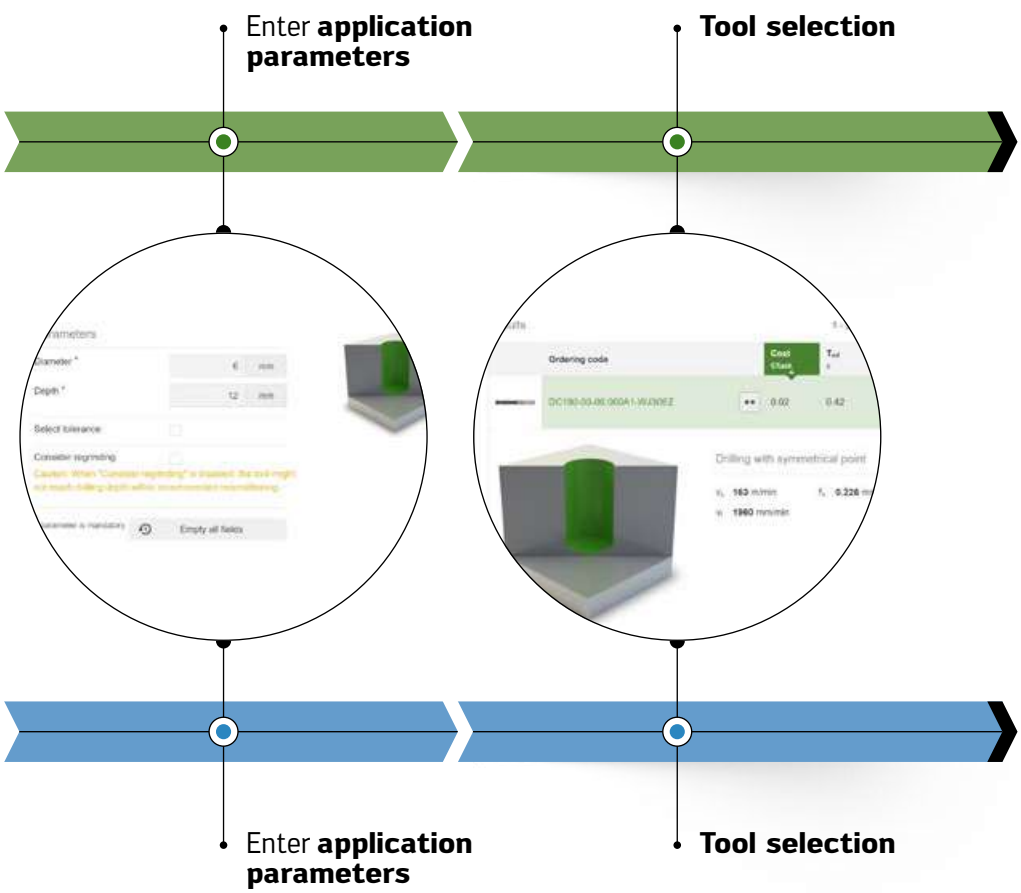
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating profitability –** this allows you to determine the estimated costs in the shortest possible time.
- **Benefit from helpful additional information –** e.g. in the form of 2D and 3D models which you can use directly for your machine programming.
- **CO_2 values for your application –** divided according to machining operation and machine basic load.

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

RESULT

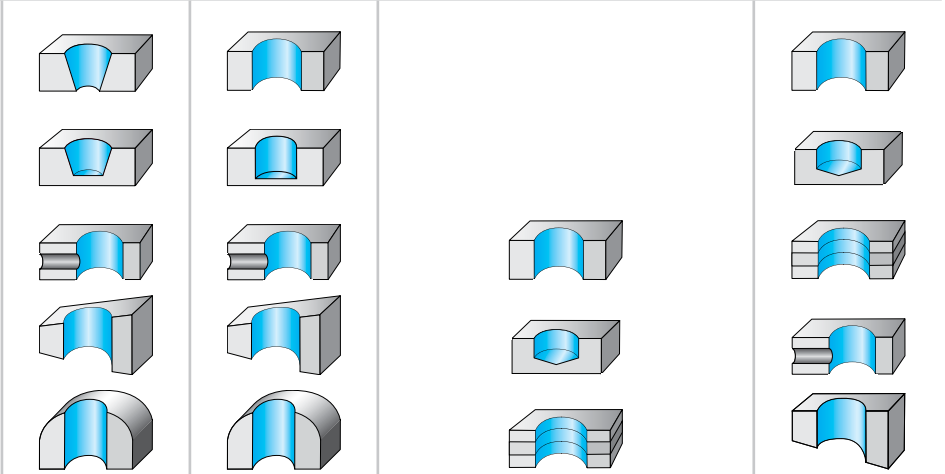


Walter offers you one or more possible tool solutions to choose from. In the default settings, the most cost-efficient solution is displayed. If you have a different priority (e.g. the most productive solution, the best surface quality, etc.), you can define it in advance and the tool selection will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

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

B1

Solid carbide drills with internal coolant

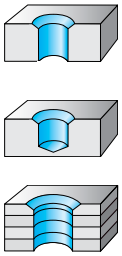
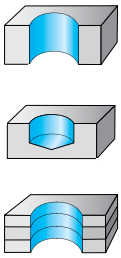


Drilling depth	2 x D_C	2 x D_C	2 x D_C		3 x D_C
					NEW
					
Designation	K5191TFT X·treme Pilot 180 C	DC118 Supreme	DB131 Supreme	A6181TFT XD Pilot	DD170 Supreme Drevo·tec™ Ikon
Additional services		R			R
Standard	Walter	Walter	Walter	Walter	DIN 6537 K
Coating / grade	TFT	WJ30ET	WJ30EL	TFT	WJ30EY
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	4–7	3–20	2–2,95	3–16	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	
Page in catalogue					176
QR code					
www.walter-tools.com/woc/	K5191TFT	DC118	DB131	A6181TFT	DD170

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant


Drilling depth	3 x D_C		3 x D_C		3 x D_C





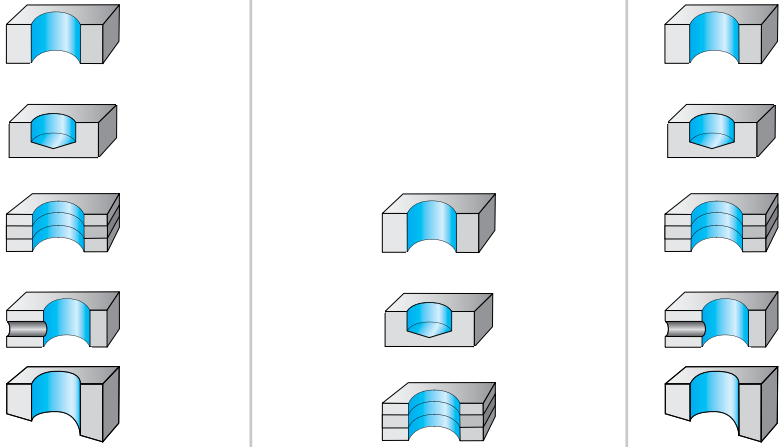
Designation	DC260 Advance X·treme Evo	DC260 Advance X·treme Evo	DC180 Supreme X·treme Evo Plus	DC175 Supreme	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	DIN 6537 K	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30ET	WJ30ET	WJ30EZ	WJ30RZ	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3,3–14	3,3–14	3–20	3–20	3–20
P Steel	●●	●●	●●	●	●●
M Stainless steel	●	●	●●	●●	
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●●	●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●	●●		●
O Other	●	●	●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC260	DC260	DC180	DC175	DC170

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills with internal coolant

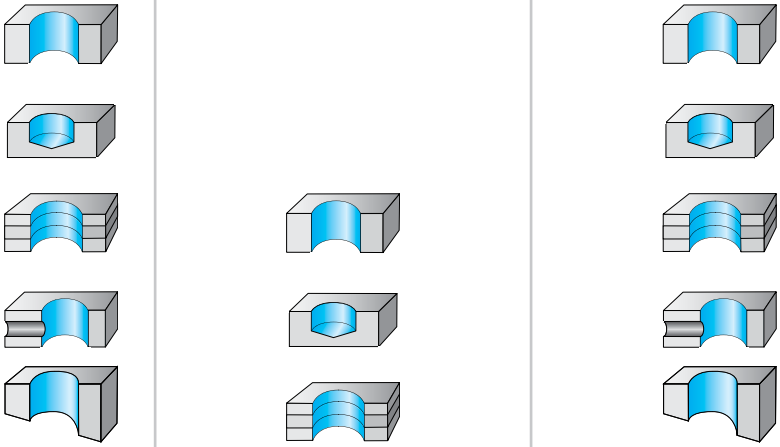


Drilling depth	3 x D_C		3 x D_C		5 x D_C
					NEW
					
Designation	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo	DC150 Perform	DC150 Perform	DD170 Supreme Drevo·tec™ Ikon
Additional services	R	R	R	R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K	Walter
Coating / grade	WJ30ET	WJ30ET	WJ30RE	WJ30RE	WJ30EY
Shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	
Page in catalogue					179
QR code					
www.walter-tools.com/woc/	DC160	DC160	DC150	DC150	DD170

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant



Drilling depth	5 x D_C	5 x D_C	5 x D_C

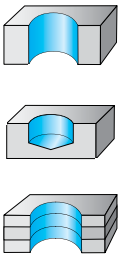
Designation	DC183 Supreme X·treme Evo 3	DC180 Supreme X·treme Evo Plus	DC175 Supreme	DC170 Supreme	DC166 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	DIN 6537 L	DIN 6537 L
Coating / grade	WJ30EZ	WJ30EZ	WJ30RZ	WJ30EJ	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–16	3–20	3–20	3–20	3–12
P Steel	●●	●●	●	●●	
M Stainless steel	●	●●	●●		
K Cast iron	●●	●●		●●	
N NF metals	●●	●●	●		●●
S Materials with difficult cutting properties	●	●●	●●		
H Hard materials		●●		●	
O Other		●	●		
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC183	DC180	DC175	DC170	DC166

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills with internal coolant



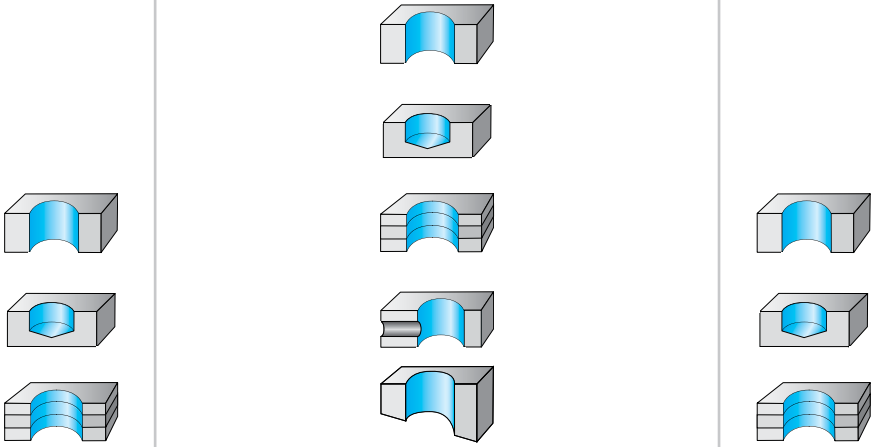
Drilling depth	5 x D_C			5 x D_C	

Designation	DC165 Advance	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo	DC150 Perform	DC150 Perform
Additional services	R	R	R	R	R
Standard	Walter	DIN 6537 L	DIN 6537 L	DIN 6537 L	DIN 6537 L
Coating / grade	WJ30UU	WJ30ET	WJ30ET	WJ30RE	WJ30RE
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB
Diameter range [mm]	4–16	3–25	3–25	3–20	3–20
P Steel		●●	●●	●●	●●
M Stainless steel		●	●	●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties		●●	●●	●●	●●
H Hard materials		●	●	●	●
O Other		●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC165	DC160	DC160	DC150	DC150

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant



Drilling depth	5 x D_C	8 x D_C			8 x D_C
		NEW			
					
Designation	DB133 Supreme	DD170 Supreme Drevo·tec™ Ikon	DC183 Supreme X·treme Evo 3	DC180 Supreme X·treme Evo Plus	DC175 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EL	WJ30EY	WJ30EY	WJ30EY	WJ30RY
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	0,7–2,95	3–20	3–16	3–20	3–16
P Steel	●●	●●	●●	●●	●
M Stainless steel	●●		●	●●	●●
K Cast iron	●●	●●	●●	●●	
N NF metals	●●		●●	●●	●
S Materials with difficult cutting properties	●●		●	●●	●●
H Hard materials	●	●		●●	
O Other	●			●	●
Page in catalogue		182			
QR code	DB133	DD170	DC183	DC180	DC175

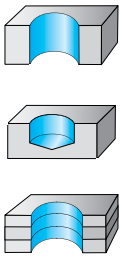
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills with internal coolant



Drilling depth	8 x D_C		8 x D_C		

Designation	DC170 Supreme	DC160 Advance X·treme Evo	DC150 Perform	DB133 Supreme	A3486TIP Alpha® 44
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EJ	WJ30ET	WJ30TA	WJ30ER	TIP
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	0,7–2,95	5–8
P Steel	●●	●●	●●	●●	●●
M Stainless steel		●	●	●●	●
K Cast iron	●●	●●	●●	●●	●
N NF metals		●●	●●	●●	●●
S Materials with difficult cutting properties		●●	●●	●●	●
H Hard materials	●	●	●	●	
O Other		●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC170	DC160	DC150	DB133	A3486TIP

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

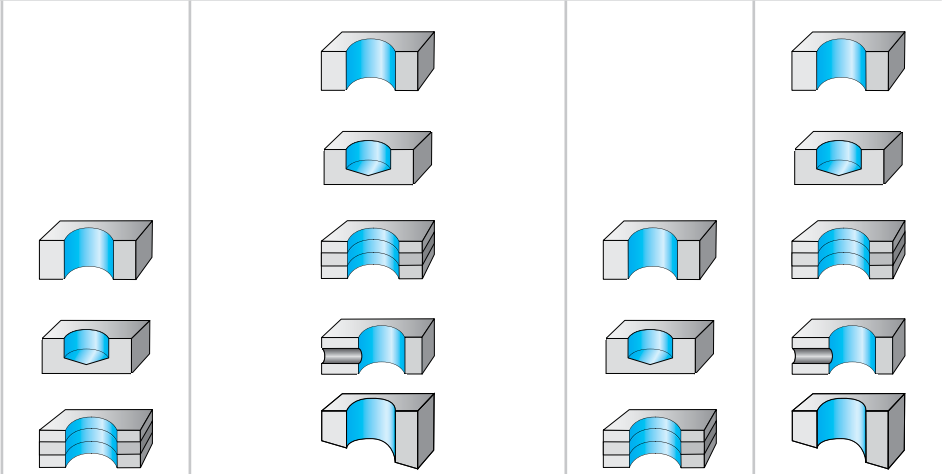
Drilling depth	12 x D_C				
	NEW				
					
Designation	DD170 Supreme Drevo·tec™ Ikon	DC180 Supreme X·treme Evo Plus	DC170 Supreme	DC160 Advance X·treme Evo	DC150 Perform
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EY	WJ30EY	WJ30EJ	WJ30EU	WJ30TA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel		●●		●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals		●●		●●	●●
S Materials with difficult cutting properties		●●		●●	●●
H Hard materials	●	●●	●	●	●●
O Other		●		●	●
Page in catalogue	185				
QR code					
www.walter-tools.com/woc/	DD170	DC180	DC170	DC160	DC150

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills with internal coolant



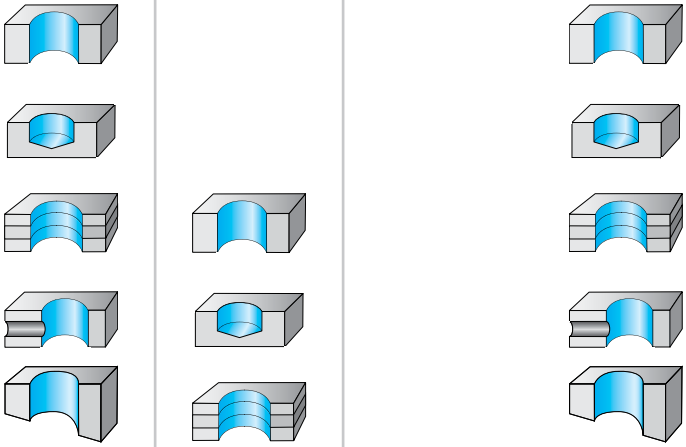
Drilling depth	12 x D_C	16 x D_C		16 x D_C	20 x D_C

Designation	DB133 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DB133 Supreme	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30ER	WJ30EJ	WJ30EU	WJ30ER	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	0,7–2,9	3–16	3–16	2–2,9	3–16
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●		●	●●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●		●●	●●	
S Materials with difficult cutting properties	●●		●●	●	
H Hard materials	●	●	●	●	●
O Other	●		●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DB133	DC170	DC160	DB133	DC170

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant



Drilling depth	20 x D_C	20 x D_C	20 x D_C	25 x D_C	

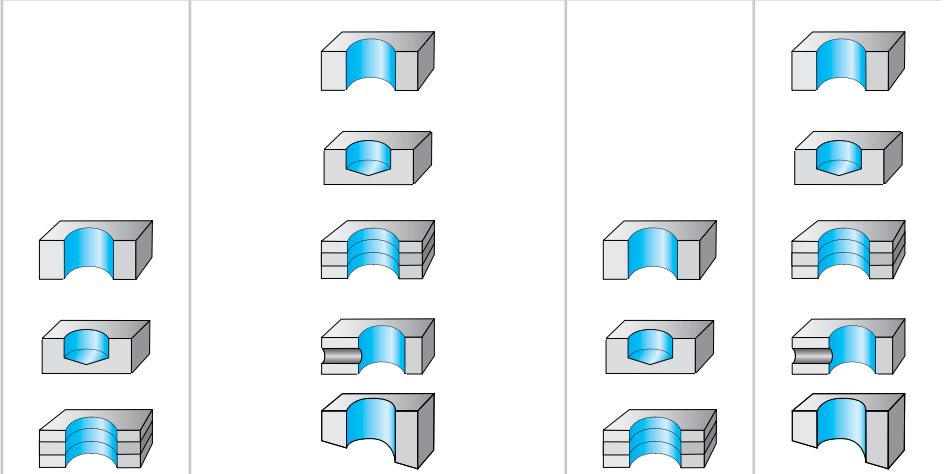
Designation	DC160 Advance X·treme Evo	DB133 Supreme	A6794TFP X·treme DH20	DC170 Supreme	DC160 Advance X·treme Evo
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EU	WJ30ER	TFP	WJ30EJ	WJ30EU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–16	2–2,9	3–10	3–12	3–12
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●●	●		●
K Cast iron	●●	●●	●	●●	●●
N NF metals	●●	●●	●		●●
S Materials with difficult cutting properties	●●	●	●		●●
H Hard materials	●	●	●	●	●
O Other	●	●			●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC160	DB133	A6794TFP	DC170	DC160

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills with internal coolant



Drilling depth	25 x D_C	30 x D_C		30 x D_C	30 x D_C
Designation	DB133 Supreme	DC170 Supreme	DC160 Advance X·treme Evo	DB133 Supreme	A6994TFP X·treme DH30
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30ER	WJ30EJ	WJ30EU	WJ30ER	TFP
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	2–2,9	3–12	3–12	2–2,9	3–10
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●		●	●●	●
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●		●●	●●	●
S Materials with difficult cutting properties	●		●●	●	●
H Hard materials	●	●	●	●	●
O Other	●		●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DB133	DC170	DC160	DB133	A6994TFP

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

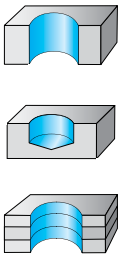
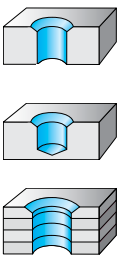
Drilling depth	**40 x D_C**	**50 x D_C**
Designation	A7495TTP X·treme D40	A7595TTP X·treme D50
Additional services	R	R
Standard	Walter	Walter
Coating / grade	TTP	TTP
Shank	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–11	3–9
P Steel	●●	●●
M Stainless steel	●	●
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A7495TTP	A7595TTP

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills without internal coolant


Drilling depth	2 x D_C	3 x D_C		3 x D_C	



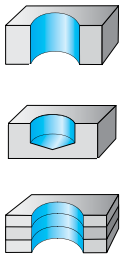


Designation	DB131 Supreme	DC260 Advance X·treme Evo	DC260 Advance X·treme Evo	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo
Additional services		R	R	R	R
Standard	Walter	Walter	Walter	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30EL	WJ30ET	WJ30ET	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	0,5–1,984	3,3–14	3,3–14,5	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DB131	DC260	DC260	DC160	DC160

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills without internal coolant



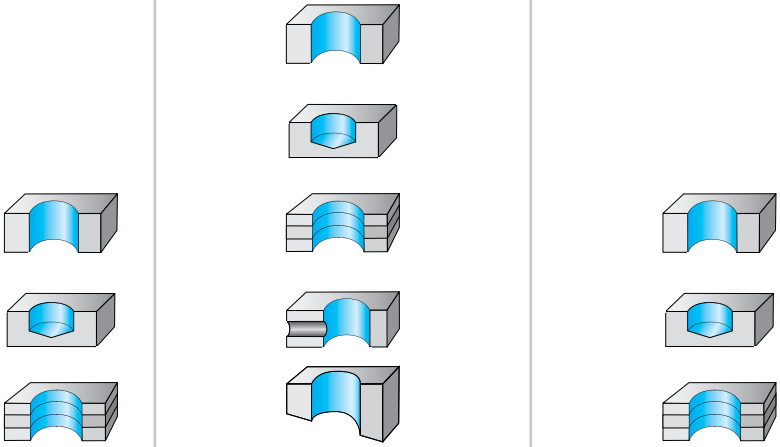
Drilling depth	3 x D_C			3 x D_C	
					
Designation	DC150 Perform	DC150 Perform	DC150 Perform	A1166TIN	A1166
Additional services	R	R		R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6539	Walter	Walter
Coating / grade	WJ30RE	WJ30RE	WJ30RE	TIN	uncoated
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3–20	3–20	1,5–2,9	3–10,5	3–18
P Steel	●●	●●	●●	●	●
M Stainless steel	●	●	●		
K Cast iron	●●	●●	●●		
N NF metals	●	●	●		●
S Materials with difficult cutting properties	●	●	●		●
H Hard materials	●	●	●	●	●
O Other	●	●	●		
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC150	DC150	DC150	A1166TIN	A1166

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills without internal coolant



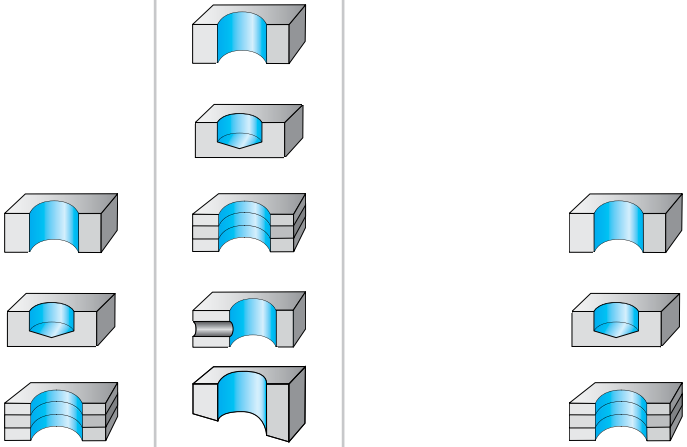
Drilling depth	3 x D_C	5 x D_C		5 x D_C	

Designation	A1163	DC160 Advance X·treme Evo	DC160 Advance X·treme Evo	DC150 Perform	DB133 Supreme
Additional services	R	R	R	R	R
Standard	DIN 6539	DIN 6537 L	DIN 6537 L	DIN 6537 L	Walter
Coating / grade	uncoated	WJ30ET	WJ30ET	WJ30TA	WJ30EL
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	1–12	3–25	3–25	3–20	0,5–2,95
P Steel		●●	●●	●●	●●
M Stainless steel				●	
K Cast iron	●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials		●	●	●	●
O Other	●●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A1163	DC160	DC160	DC150	DB133

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills without internal coolant



Drilling depth	5 x D_C	5 x D_C	8 x D_C		

Designation	DB130 Advance	A3367 BSX	DB133 Supreme	A1276TFL Alpha® 22	A1263
Additional services		R	R	R	R
Standard	DIN 1899	DIN 6537 L	Walter	DIN 338	DIN 338
Coating / grade	WJ30UU	uncoated	WJ30ER	TFL	uncoated
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank
Diameter range [mm]	0,1–1,45	3–16	0,5–2,95	3–10,2	0,6–12
P Steel	●●		●●	●●	
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●	●	●
H Hard materials			●		
O Other	●●	●	●		●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DB130	A3367	DB133	A1276TFL	A1263

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with coolant-through

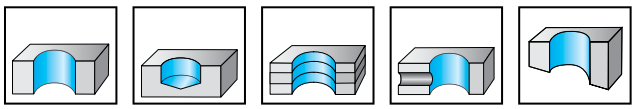
DD170 Supreme

Drivox·tec™ Ikon

Powered by Krato·tec®

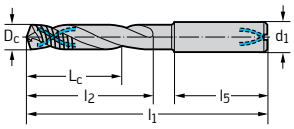
3×Dc | DIN 6537 K | 140°

B1



	P	M	K	N	S	H	O
WJ30EY	●●		●●			●	

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-03-03.000A1-	3		14	62	20	36	6	☹
★ DD170-03-03.100A1-	3,1		14	62	20	36	6	☹
★ DD170-03-03.175A1-	3,175	1/8"	14	62	20	36	6	☹
★ DD170-03-03.200A1-	3,2		14	62	20	36	6	☹
★ DD170-03-03.300A1-	3,3		14	62	20	36	6	☹
★ DD170-03-03.400A1-	3,4		14	62	20	36	6	☹
★ DD170-03-03.500A1-	3,5		14	62	20	36	6	☹
★ DD170-03-03.572A1-	3,572	9/64"	14	62	20	36	6	☹
★ DD170-03-03.600A1-	3,6		14	62	20	36	6	☹
★ DD170-03-03.700A1-	3,7		14	62	20	36	6	☹
★ DD170-03-03.800A1-	3,8		17	66	24	36	6	☹
★ DD170-03-03.900A1-	3,9		17	66	24	36	6	☹
★ DD170-03-03.969A1-	3,969	5/32"	17	66	24	36	6	☹
★ DD170-03-04.000A1-	4		17	66	24	36	6	☹
★ DD170-03-04.100A1-	4,1		17	66	24	36	6	☹
★ DD170-03-04.200A1-	4,2		17	66	24	36	6	☹
★ DD170-03-04.300A1-	4,3		17	66	24	36	6	☹
★ DD170-03-04.366A1-	4,366	11/64"	17	66	24	36	6	☹
★ DD170-03-04.400A1-	4,4		17	66	24	36	6	☹
★ DD170-03-04.500A1-	4,5		17	66	24	36	6	☹
★ DD170-03-04.600A1-	4,6		17	66	24	36	6	☹
★ DD170-03-04.650A1-	4,65		17	66	24	36	6	☹
★ DD170-03-04.700A1-	4,7		17	66	24	36	6	☹
★ DD170-03-04.763A1-	4,763	3/16"	20	66	28	36	6	☹
★ DD170-03-04.800A1-	4,8		20	66	28	36	6	☹
★ DD170-03-04.900A1-	4,9		20	66	28	36	6	☹
★ DD170-03-05.000A1-	5		20	66	28	36	6	☹
★ DD170-03-05.100A1-	5,1		20	66	28	36	6	☹
★ DD170-03-05.159A1-	5,159	13/64"	20	66	28	36	6	☹
★ DD170-03-05.200A1-	5,2		20	66	28	36	6	☹
★ DD170-03-05.300A1-	5,3		20	66	28	36	6	☹
★ DD170-03-05.400A1-	5,4		20	66	28	36	6	☹
★ DD170-03-05.500A1-	5,5		20	66	28	36	6	☹
★ DD170-03-05.550A1-	5,55		20	66	28	36	6	☹
★ DD170-03-05.556A1-	5,556	7/32"	20	66	28	36	6	☹
★ DD170-03-05.600A1-	5,6		20	66	28	36	6	☹

Ordering example for the grade WJ30EY: DD170-03-03.000A1-WJ30EY

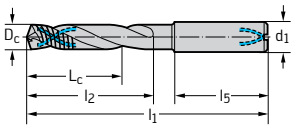
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-03-05.700A1-	5,7		20	66	28	36	6	☺
★ DD170-03-05.800A1-	5,8		20	66	28	36	6	☺
★ DD170-03-05.900A1-	5,9		20	66	28	36	6	☺
★ DD170-03-06.000A1-	6		20	66	28	36	6	☺
★ DD170-03-06.100A1-	6,1		24	79	34	36	8	☺
★ DD170-03-06.200A1-	6,2		24	79	34	36	8	☺
★ DD170-03-06.300A1-	6,3		24	79	34	36	8	☺
★ DD170-03-06.350A1-	6,350	1/4"	24	79	34	36	8	☺
★ DD170-03-06.400A1-	6,4		24	79	34	36	8	☺
★ DD170-03-06.500A1-	6,5		24	79	34	36	8	☺
★ DD170-03-06.600A1-	6,6		24	79	34	36	8	☺
★ DD170-03-06.700A1-	6,7		24	79	34	36	8	☺
★ DD170-03-06.747A1-	6,747	17/64"	24	79	34	36	8	☺
★ DD170-03-06.800A1-	6,8		24	79	34	36	8	☺
★ DD170-03-06.900A1-	6,9		24	79	34	36	8	☺
★ DD170-03-07.000A1-	7		24	79	34	36	8	☺
★ DD170-03-07.100A1-	7,1		29	79	41	36	8	☺
★ DD170-03-07.144A1-	7,144	9/32"	29	79	41	36	8	☺
★ DD170-03-07.200A1-	7,2		29	79	41	36	8	☺
★ DD170-03-07.300A1-	7,3		29	79	41	36	8	☺
★ DD170-03-07.400A1-	7,4		29	79	41	36	8	☺
★ DD170-03-07.500A1-	7,5		29	79	41	36	8	☺
★ DD170-03-07.541A1-	7,541	19/64"	29	79	41	36	8	☺
★ DD170-03-07.800A1-	7,8		29	79	41	36	8	☺
★ DD170-03-07.938A1-	7,938	5/16"	29	79	41	36	8	☺
★ DD170-03-08.000A1-	8		29	79	41	36	8	☺
★ DD170-03-08.100A1-	8,1		35	89	47	40	10	☺
★ DD170-03-08.200A1-	8,2		35	89	47	40	10	☺
★ DD170-03-08.300A1-	8,3		35	89	47	40	10	☺
★ DD170-03-08.500A1-	8,5		35	89	47	40	10	☺
★ DD170-03-08.600A1-	8,6		35	89	47	40	10	☺
★ DD170-03-08.700A1-	8,7		35	89	47	40	10	☺
★ DD170-03-08.731A1-	8,731	11/32"	35	89	47	40	10	☺
★ DD170-03-08.800A1-	8,8		35	89	47	40	10	☺
★ DD170-03-09.000A1-	9		35	89	47	40	10	☺
★ DD170-03-09.128A1-	9,128	23/64"	35	89	47	40	10	☺
★ DD170-03-09.200A1-	9,2		35	89	47	40	10	☺
★ DD170-03-09.300A1-	9,3		35	89	47	40	10	☺
★ DD170-03-09.500A1-	9,5		35	89	47	40	10	☺
★ DD170-03-09.525A1-	9,525	3/8"	35	89	47	40	10	☺
★ DD170-03-09.600A1-	9,6		35	89	47	40	10	☺
★ DD170-03-09.700A1-	9,7		35	89	47	40	10	☺
★ DD170-03-09.800A1-	9,8		35	89	47	40	10	☺
★ DD170-03-09.922A1-	9,922	25/64"	35	89	47	40	10	☺
★ DD170-03-10.000A1-	10		35	89	47	40	10	☺
★ DD170-03-10.100A1-	10,1		40	102	55	45	12	☺

Ordering example for the grade WJ30EY: DD170-03-03.000A1-WJ30EY

B1

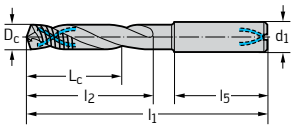
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-03-10.200A1-	10,2		40	102	55	45	12	
★ DD170-03-10.300A1-	10,3		40	102	55	45	12	
★ DD170-03-10.319A1-	10,319	13/32"	40	102	55	45	12	
★ DD170-03-10.400A1-	10,4		40	102	55	45	12	
★ DD170-03-10.500A1-	10,5		40	102	55	45	12	
★ DD170-03-10.716A1-	10,716	27/64"	40	102	55	45	12	
★ DD170-03-10.800A1-	10,8		40	102	55	45	12	
★ DD170-03-11.000A1-	11		40	102	55	45	12	
★ DD170-03-11.100A1-	11,1		40	102	55	45	12	
★ DD170-03-11.113A1-	11,113	7/16"	40	102	55	45	12	
★ DD170-03-11.200A1-	11,2		40	102	55	45	12	
★ DD170-03-11.500A1-	11,5		40	102	55	45	12	
★ DD170-03-11.509A1-	11,509	29/64"	40	102	55	45	12	
★ DD170-03-11.700A1-	11,7		40	102	55	45	12	
★ DD170-03-11.800A1-	11,8		40	102	55	45	12	
★ DD170-03-12.000A1-	12		40	102	55	45	12	
★ DD170-03-12.100A1-	12,1		43	107	60	45	14	
★ DD170-03-12.200A1-	12,2		43	107	60	45	14	
★ DD170-03-12.300A1-	12,3		43	107	60	45	14	
★ DD170-03-12.500A1-	12,5		43	107	60	45	14	
★ DD170-03-12.600A1-	12,6		43	107	60	45	14	
★ DD170-03-12.700A1-	12,700	1/2"	43	107	60	45	14	
★ DD170-03-13.000A1-	13		43	107	60	45	14	
★ DD170-03-13.300A1-	13,3		43	107	60	45	14	
★ DD170-03-13.494A1-	13,494	17/32"	43	107	60	45	14	
★ DD170-03-13.500A1-	13,5		43	107	60	45	14	
★ DD170-03-14.000A1-	14		43	107	60	45	14	
★ DD170-03-14.288A1-	14,288	9/16"	45	115	65	48	16	
★ DD170-03-14.500A1-	14,5		45	115	65	48	16	
★ DD170-03-15.000A1-	15		45	115	65	48	16	
★ DD170-03-15.875A1-	15,875	5/8"	45	115	65	48	16	
★ DD170-03-16.000A1-	16		45	115	65	48	16	
★ DD170-03-16.500A1-	16,5		51	123	73	48	18	
★ DD170-03-17.000A1-	17		51	123	73	48	18	
★ DD170-03-17.500A1-	17,5		51	123	73	48	18	
★ DD170-03-18.000A1-	18		51	123	73	48	18	
★ DD170-03-19.050A1-	19,050	3/4"	55	131	79	50	20	
★ DD170-03-20.000A1-	20		55	131	79	50	20	

Ordering example for the grade WJ30EY: DD170-03-03.000A1-WJ30EY

B1

WALTER SELECT

●● Primary application ● Other application

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

New addition to the product range = / ★

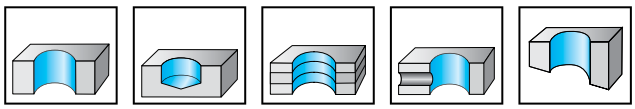
Solid carbide drills with coolant-through

DD170 Supreme

Drivox·tec™ Ikon

Powered by Krato·tec®

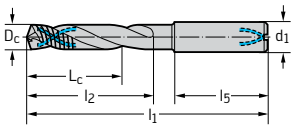
5×D_c | DIN 6537 L | 140°



	P	M	K	N	S	H	O
WJ30EY	●●		●●			●	

B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-05-03.000A1-	3		19	66	24	36	6	☺
★ DD170-05-03.100A1-	3,1		19	66	24	36	6	☺
★ DD170-05-03.175A1-	3,175	1/8"	19	66	24	36	6	☺
★ DD170-05-03.200A1-	3,2		19	66	24	36	6	☺
★ DD170-05-03.300A1-	3,3		19	66	24	36	6	☺
★ DD170-05-03.400A1-	3,4		19	66	24	36	6	☺
★ DD170-05-03.500A1-	3,5		19	66	24	36	6	☺
★ DD170-05-03.600A1-	3,6		19	66	24	36	6	☺
★ DD170-05-03.700A1-	3,7		19	66	24	36	6	☺
★ DD170-05-03.800A1-	3,8		29	74	36	36	6	☺
★ DD170-05-03.900A1-	3,9		29	74	36	36	6	☺
★ DD170-05-03.969A1-	3,969	5/32"	29	74	36	36	6	☺
★ DD170-05-04.000A1-	4		29	74	36	36	6	☺
★ DD170-05-04.100A1-	4,1		29	74	36	36	6	☺
★ DD170-05-04.200A1-	4,2		29	74	36	36	6	☺
★ DD170-05-04.300A1-	4,3		29	74	36	36	6	☺
★ DD170-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☺
★ DD170-05-04.400A1-	4,4		29	74	36	36	6	☺
★ DD170-05-04.500A1-	4,5		29	74	36	36	6	☺
★ DD170-05-04.600A1-	4,6		29	74	36	36	6	☺
★ DD170-05-04.650A1-	4,65		29	74	36	36	6	☺
★ DD170-05-04.700A1-	4,7		29	74	36	36	6	☺
★ DD170-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☺
★ DD170-05-04.800A1-	4,8		35	82	44	36	6	☺
★ DD170-05-04.900A1-	4,9		35	82	44	36	6	☺
★ DD170-05-05.000A1-	5		35	82	44	36	6	☺
★ DD170-05-05.100A1-	5,1		35	82	44	36	6	☺
★ DD170-05-05.159A1-	5,159	13/64"	35	82	44	36	6	☺
★ DD170-05-05.200A1-	5,2		35	82	44	36	6	☺
★ DD170-05-05.300A1-	5,3		35	82	44	36	6	☺
★ DD170-05-05.500A1-	5,5		35	82	44	36	6	☺
★ DD170-05-05.550A1-	5,55		35	82	44	36	6	☺
★ DD170-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☺
★ DD170-05-05.600A1-	5,6		35	82	44	36	6	☺
★ DD170-05-05.700A1-	5,7		35	82	44	36	6	☺
★ DD170-05-05.800A1-	5,8		35	82	44	36	6	☺

Ordering example for the grade WJ30EY: DD170-05-03.000A1-WJ30EY

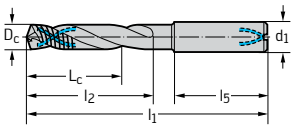
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

B1

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-05-05.900A1-	5,9		35	82	44	36	6	☺
★ DD170-05-05.953A1-	5,953	15/64"	35	82	44	36	6	☺
★ DD170-05-06.000A1-	6		35	82	44	36	6	☺
★ DD170-05-06.100A1-	6,1		43	91	53	36	8	☺
★ DD170-05-06.200A1-	6,2		43	91	53	36	8	☺
★ DD170-05-06.300A1-	6,3		43	91	53	36	8	☺
★ DD170-05-06.350A1-	6,350	1/4"	43	91	53	36	8	☺
★ DD170-05-06.400A1-	6,4		43	91	53	36	8	☺
★ DD170-05-06.500A1-	6,5		43	91	53	36	8	☺
★ DD170-05-06.600A1-	6,6		43	91	53	36	8	☺
★ DD170-05-06.700A1-	6,7		43	91	53	36	8	☺
★ DD170-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☺
★ DD170-05-06.800A1-	6,8		43	91	53	36	8	☺
★ DD170-05-06.900A1-	6,9		43	91	53	36	8	☺
★ DD170-05-07.000A1-	7		43	91	53	36	8	☺
★ DD170-05-07.100A1-	7,1		43	91	53	36	8	☺
★ DD170-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☺
★ DD170-05-07.200A1-	7,2		43	91	53	36	8	☺
★ DD170-05-07.300A1-	7,3		43	91	53	36	8	☺
★ DD170-05-07.400A1-	7,4		43	91	53	36	8	☺
★ DD170-05-07.500A1-	7,5		43	91	53	36	8	☺
★ DD170-05-07.800A1-	7,8		43	91	53	36	8	☺
★ DD170-05-07.900A1-	7,9		43	91	53	36	8	☺
★ DD170-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☺
★ DD170-05-08.000A1-	8		43	91	53	36	8	☺
★ DD170-05-08.100A1-	8,1		49	103	61	40	10	☺
★ DD170-05-08.200A1-	8,2		49	103	61	40	10	☺
★ DD170-05-08.300A1-	8,3		49	103	61	40	10	☺
★ DD170-05-08.334A1-	8,334	21/64"	49	103	61	40	10	☺
★ DD170-05-08.400A1-	8,4		49	103	61	40	10	☺
★ DD170-05-08.500A1-	8,5		49	103	61	40	10	☺
★ DD170-05-08.600A1-	8,6		49	103	61	40	10	☺
★ DD170-05-08.700A1-	8,7		49	103	61	40	10	☺
★ DD170-05-08.731A1-	8,731	11/32"	49	103	61	40	10	☺
★ DD170-05-08.800A1-	8,8		49	103	61	40	10	☺
★ DD170-05-09.000A1-	9		49	103	61	40	10	☺
★ DD170-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☺
★ DD170-05-09.200A1-	9,2		49	103	61	40	10	☺
★ DD170-05-09.300A1-	9,3		49	103	61	40	10	☺
★ DD170-05-09.500A1-	9,5		49	103	61	40	10	☺
★ DD170-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☺
★ DD170-05-09.600A1-	9,6		49	103	61	40	10	☺
★ DD170-05-09.700A1-	9,7		49	103	61	40	10	☺
★ DD170-05-09.800A1-	9,8		49	103	61	40	10	☺
★ DD170-05-09.900A1-	9,9		49	103	61	40	10	☺
★ DD170-05-10.000A1-	10		49	103	61	40	10	☺

Ordering example for the grade WJ30EY: DD170-05-03.000A1-WJ30EY

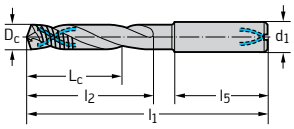
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-05-10.100A1-	10,1		56	118	71	45	12	☺
★ DD170-05-10.200A1-	10,2		56	118	71	45	12	☺
★ DD170-05-10.300A1-	10,3		56	118	71	45	12	☺
★ DD170-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☺
★ DD170-05-10.400A1-	10,4		56	118	71	45	12	☺
★ DD170-05-10.500A1-	10,5		56	118	71	45	12	☺
★ DD170-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☺
★ DD170-05-10.800A1-	10,8		56	118	71	45	12	☺
★ DD170-05-11.000A1-	11		56	118	71	45	12	☺
★ DD170-05-11.100A1-	11,1		56	118	71	45	12	☺
★ DD170-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☺
★ DD170-05-11.200A1-	11,2		56	118	71	45	12	☺
★ DD170-05-11.500A1-	11,5		56	118	71	45	12	☺
★ DD170-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☺
★ DD170-05-11.800A1-	11,8		56	118	71	45	12	☺
★ DD170-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☺
★ DD170-05-12.000A1-	12		56	118	71	45	12	☺
★ DD170-05-12.100A1-	12,1		60	124	77	45	14	☺
★ DD170-05-12.200A1-	12,2		60	124	77	45	14	☺
★ DD170-05-12.300A1-	12,3		60	124	77	45	14	☺
★ DD170-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☺
★ DD170-05-12.500A1-	12,5		60	124	77	45	14	☺
★ DD170-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☺
★ DD170-05-13.000A1-	13		60	124	77	45	14	☺
★ DD170-05-13.300A1-	13,3		60	124	77	45	14	☺
★ DD170-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☺
★ DD170-05-13.500A1-	13,5		60	124	77	45	14	☺
★ DD170-05-14.000A1-	14		60	124	77	45	14	☺
★ DD170-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☺
★ DD170-05-14.500A1-	14,5		63	133	83	48	16	☺
★ DD170-05-15.000A1-	15		63	133	83	48	16	☺
★ DD170-05-15.500A1-	15,5		63	133	83	48	16	☺
★ DD170-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☺
★ DD170-05-16.000A1-	16		63	133	83	48	16	☺
★ DD170-05-16.500A1-	16,5		71	143	93	48	18	☺
★ DD170-05-17.000A1-	17		71	143	93	48	18	☺
★ DD170-05-17.500A1-	17,5		71	143	93	48	18	☺
★ DD170-05-18.000A1-	18		71	143	93	48	18	☺
★ DD170-05-18.500A1-	18,5		77	153	101	50	20	☺
★ DD170-05-19.000A1-	19		77	153	101	50	20	☺
★ DD170-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☺
★ DD170-05-20.000A1-	20		77	153	101	50	20	☺

Ordering example for the grade WJ30EY: DD170-05-03.000A1-WJ30EY

B1

WALTER SELECT

●● Primary application ● Other application

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

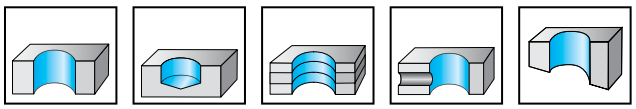
☺ 😐 ☹ / ★ = New addition to the product range

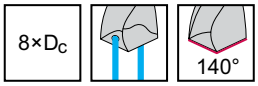
Solid carbide drills with coolant-through

DD170 Supreme

Drivox·tec™ Ikon

Powered by Krato·tec®

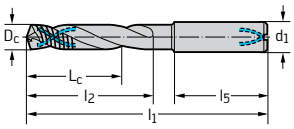




B1

	P	M	K	N	S	H	O
WJ30EY	●●		●●			●	

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-08-03.000A1-	3		28	74	34	36	6	☹
★ DD170-08-03.100A1-	3,1		28	74	34	36	6	☹
★ DD170-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☹
★ DD170-08-03.200A1-	3,2		28	74	34	36	6	☹
★ DD170-08-03.300A1-	3,3		28	74	34	36	6	☹
★ DD170-08-03.400A1-	3,4		28	74	34	36	6	☹
★ DD170-08-03.500A1-	3,5		28	74	34	36	6	☹
★ DD170-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☹
★ DD170-08-03.600A1-	3,6		28	74	34	36	6	☹
★ DD170-08-03.700A1-	3,7		28	74	34	36	6	☹
★ DD170-08-03.800A1-	3,8		37	85	45	36	6	☹
★ DD170-08-03.900A1-	3,9		37	85	45	36	6	☹
★ DD170-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☹
★ DD170-08-04.000A1-	4		37	85	45	36	6	☹
★ DD170-08-04.100A1-	4,1		37	85	45	36	6	☹
★ DD170-08-04.200A1-	4,2		37	85	45	36	6	☹
★ DD170-08-04.300A1-	4,3		37	85	45	36	6	☹
★ DD170-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☹
★ DD170-08-04.400A1-	4,4		37	85	45	36	6	☹
★ DD170-08-04.500A1-	4,5		37	85	45	36	6	☹
★ DD170-08-04.600A1-	4,6		37	85	45	36	6	☹
★ DD170-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☹
★ DD170-08-04.800A1-	4,8		48	97	57	36	6	☹
★ DD170-08-04.900A1-	4,9		48	97	57	36	6	☹
★ DD170-08-05.000A1-	5		48	97	57	36	6	☹
★ DD170-08-05.100A1-	5,1		48	97	57	36	6	☹
★ DD170-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☹
★ DD170-08-05.200A1-	5,2		48	97	57	36	6	☹
★ DD170-08-05.300A1-	5,3		48	97	57	36	6	☹
★ DD170-08-05.400A1-	5,4		48	97	57	36	6	☹
★ DD170-08-05.500A1-	5,5		48	97	57	36	6	☹
★ DD170-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☹
★ DD170-08-05.600A1-	5,6		48	97	57	36	6	☹
★ DD170-08-05.700A1-	5,7		48	97	57	36	6	☹
★ DD170-08-05.800A1-	5,8		48	97	57	36	6	☹
★ DD170-08-05.900A1-	5,9		48	97	57	36	6	☹

Ordering example for the grade WJ30EY: DD170-08-03.000A1-WJ30EY

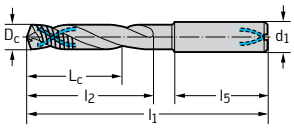
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-08-06.000A1-	6		48	97	57	36	6	☺
★ DD170-08-06.100A1-	6,1		55	106	66	36	8	☺
★ DD170-08-06.200A1-	6,2		55	106	66	36	8	☺
★ DD170-08-06.300A1-	6,3		55	106	66	36	8	☺
★ DD170-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☺
★ DD170-08-06.400A1-	6,4		55	106	66	36	8	☺
★ DD170-08-06.500A1-	6,5		55	106	66	36	8	☺
★ DD170-08-06.600A1-	6,6		55	106	66	36	8	☺
★ DD170-08-06.700A1-	6,7		55	106	66	36	8	☺
★ DD170-08-06.747A1-	6,747	17/64"	55	106	66	36	8	☺
★ DD170-08-06.800A1-	6,8		55	106	66	36	8	☺
★ DD170-08-06.900A1-	6,9		55	106	66	36	8	☺
★ DD170-08-07.000A1-	7		55	106	66	36	8	☺
★ DD170-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☺
★ DD170-08-07.400A1-	7,4		64	116	76	36	8	☺
★ DD170-08-07.500A1-	7,5		64	116	76	36	8	☺
★ DD170-08-07.600A1-	7,6		64	116	76	36	8	☺
★ DD170-08-07.700A1-	7,7		64	116	76	36	8	☺
★ DD170-08-07.800A1-	7,8		64	116	76	36	8	☺
★ DD170-08-07.900A1-	7,9		64	116	76	36	8	☺
★ DD170-08-07.938A1-	7,938	5/16"	64	116	76	36	8	☺
★ DD170-08-08.000A1-	8		64	116	76	36	8	☺
★ DD170-08-08.100A1-	8,1		80	139	95	40	10	☺
★ DD170-08-08.200A1-	8,2		80	139	95	40	10	☺
★ DD170-08-08.300A1-	8,3		80	139	95	40	10	☺
★ DD170-08-08.334A1-	8,334	21/64"	80	139	95	40	10	☺
★ DD170-08-08.400A1-	8,4		80	139	95	40	10	☺
★ DD170-08-08.500A1-	8,5		80	139	95	40	10	☺
★ DD170-08-08.600A1-	8,6		80	139	95	40	10	☺
★ DD170-08-08.700A1-	8,7		80	139	95	40	10	☺
★ DD170-08-08.731A1-	8,731	11/32"	80	139	95	40	10	☺
★ DD170-08-08.800A1-	8,8		80	139	95	40	10	☺
★ DD170-08-09.000A1-	9		80	139	95	40	10	☺
★ DD170-08-09.100A1-	9,1		80	139	95	40	10	☺
★ DD170-08-09.128A1-	9,128	23/64"	80	139	95	40	10	☺
★ DD170-08-09.200A1-	9,2		80	139	95	40	10	☺
★ DD170-08-09.300A1-	9,3		80	139	95	40	10	☺
★ DD170-08-09.400A1-	9,4		80	139	95	40	10	☺
★ DD170-08-09.500A1-	9,5		80	139	95	40	10	☺
★ DD170-08-09.525A1-	9,525	3/8"	80	139	95	40	10	☺
★ DD170-08-09.600A1-	9,6		80	139	95	40	10	☺
★ DD170-08-09.700A1-	9,7		80	139	95	40	10	☺
★ DD170-08-09.800A1-	9,8		80	139	95	40	10	☺
★ DD170-08-09.900A1-	9,9		80	139	95	40	10	☺
★ DD170-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☺
★ DD170-08-10.000A1-	10		80	139	95	40	10	☺

Ordering example for the grade WJ30EY: DD170-08-03.000A1-WJ30EY

B1

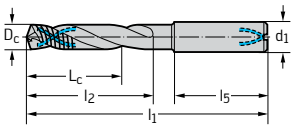
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-08-10.100A1-	10,1		96	163	114	45	12	
★ DD170-08-10.200A1-	10,2		96	163	114	45	12	
★ DD170-08-10.300A1-	10,3		96	163	114	45	12	
★ DD170-08-10.319A1-	10,319	13/32"	96	163	114	45	12	
★ DD170-08-10.500A1-	10,5		96	163	114	45	12	
★ DD170-08-10.716A1-	10,716	27/64"	96	163	114	45	12	
★ DD170-08-10.800A1-	10,8		96	163	114	45	12	
★ DD170-08-11.000A1-	11		96	163	114	45	12	
★ DD170-08-11.100A1-	11,1		96	163	114	45	12	
★ DD170-08-11.113A1-	11,113	7/16"	96	163	114	45	12	
★ DD170-08-11.200A1-	11,2		96	163	114	45	12	
★ DD170-08-11.300A1-	11,3		96	163	114	45	12	
★ DD170-08-11.400A1-	11,4		96	163	114	45	12	
★ DD170-08-11.500A1-	11,5		96	163	114	45	12	
★ DD170-08-11.700A1-	11,7		96	163	114	45	12	
★ DD170-08-11.800A1-	11,8		96	163	114	45	12	
★ DD170-08-11.900A1-	11,9		96	163	114	45	12	
★ DD170-08-12.000A1-	12		96	163	114	45	12	
★ DD170-08-12.303A1-	12,303	31/64"	119	182	133	45	14	
★ DD170-08-12.500A1-	12,5		119	182	133	45	14	
★ DD170-08-12.700A1-	12,700	1/2"	119	182	133	45	14	
★ DD170-08-13.000A1-	13		119	182	133	45	14	
★ DD170-08-13.494A1-	13,494	17/32"	119	182	133	45	14	
★ DD170-08-13.500A1-	13,5		119	182	133	45	14	
★ DD170-08-14.000A1-	14		119	182	133	45	14	
★ DD170-08-14.288A1-	14,288	9/16"	136	204	152	48	16	
★ DD170-08-14.500A1-	14,5		136	204	152	48	16	
★ DD170-08-15.000A1-	15		136	204	152	48	16	
★ DD170-08-15.500A1-	15,5		136	204	152	48	16	
★ DD170-08-15.875A1-	15,875	5/8"	136	204	152	48	16	
★ DD170-08-16.000A1-	16		136	204	152	48	16	
★ DD170-08-16.500A1-	16,5		153	223	171	48	18	
★ DD170-08-17.000A1-	17		153	223	171	48	18	
★ DD170-08-17.500A1-	17,5		153	223	171	48	18	
★ DD170-08-18.000A1-	18		153	223	171	48	18	
★ DD170-08-20.000A1-	20		170	244	190	50	20	

Ordering example for the grade WJ30EY: DD170-08-03.000A1-WJ30EY

B1

WALTER SELECT

●● Primary application ● Other application

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

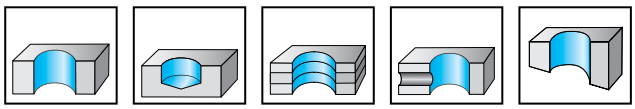
New addition to the product range = / ★

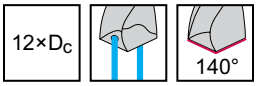
Solid carbide drills with coolant-through

DD170 Supreme

Drivox·tec™ Ikon

Powered by Krato·tec®

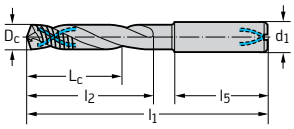




	P	M	K	N	S	H	O
WJ30EY	●●		●●			●	

B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-12-03.000A1-	3		48	92	54	36	6	☹
★ DD170-12-03.100A1-	3,1		48	92	54	36	6	☹
★ DD170-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☹
★ DD170-12-03.200A1-	3,2		48	92	54	36	6	☹
★ DD170-12-03.300A1-	3,3		48	92	54	36	6	☹
★ DD170-12-03.400A1-	3,4		48	92	54	36	6	☹
★ DD170-12-03.500A1-	3,5		48	92	54	36	6	☹
★ DD170-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☹
★ DD170-12-03.600A1-	3,6		48	92	54	36	6	☹
★ DD170-12-03.700A1-	3,7		48	92	54	36	6	☹
★ DD170-12-03.800A1-	3,8		56	102	64	36	6	☹
★ DD170-12-03.900A1-	3,9		56	102	64	36	6	☹
★ DD170-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☹
★ DD170-12-04.000A1-	4		56	102	64	36	6	☹
★ DD170-12-04.100A1-	4,1		56	102	64	36	6	☹
★ DD170-12-04.200A1-	4,2		56	102	64	36	6	☹
★ DD170-12-04.300A1-	4,3		56	102	64	36	6	☹
★ DD170-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☹
★ DD170-12-04.400A1-	4,4		56	102	64	36	6	☹
★ DD170-12-04.500A1-	4,5		56	102	64	36	6	☹
★ DD170-12-04.600A1-	4,6		56	102	64	36	6	☹
★ DD170-12-04.700A1-	4,7		56	102	64	36	6	☹
★ DD170-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☹
★ DD170-12-04.800A1-	4,8		74	121	83	36	6	☹
★ DD170-12-04.900A1-	4,9		74	121	83	36	6	☹
★ DD170-12-05.000A1-	5		74	121	83	36	6	☹
★ DD170-12-05.100A1-	5,1		74	121	83	36	6	☹
★ DD170-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☹
★ DD170-12-05.200A1-	5,2		74	121	83	36	6	☹
★ DD170-12-05.300A1-	5,3		74	121	83	36	6	☹
★ DD170-12-05.400A1-	5,4		74	121	83	36	6	☹
★ DD170-12-05.500A1-	5,5		74	121	83	36	6	☹
★ DD170-12-05.550A1-	5,55		74	121	83	36	6	☹
★ DD170-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☹
★ DD170-12-05.600A1-	5,6		74	121	83	36	6	☹
★ DD170-12-05.700A1-	5,7		74	121	83	36	6	☹

Ordering example for the grade WJ30EY: DD170-12-03.000A1-WJ30EY

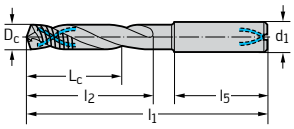
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

B1

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-12-05.800A1-	5,8		74	121	83	36	6	☺
★ DD170-12-05.900A1-	5,9		74	121	83	36	6	☺
★ DD170-12-06.000A1-	6		74	121	83	36	6	☺
★ DD170-12-06.100A1-	6,1		98	148	110	36	8	☺
★ DD170-12-06.200A1-	6,2		98	148	110	36	8	☺
★ DD170-12-06.300A1-	6,3		98	148	110	36	8	☺
★ DD170-12-06.350A1-	6,350	1/4"	98	148	110	36	8	☺
★ DD170-12-06.400A1-	6,4		98	148	110	36	8	☺
★ DD170-12-06.500A1-	6,5		98	148	110	36	8	☺
★ DD170-12-06.600A1-	6,6		98	148	110	36	8	☺
★ DD170-12-06.747A1-	6,747	17/64"	98	148	110	36	8	☺
★ DD170-12-06.800A1-	6,8		98	148	110	36	8	☺
★ DD170-12-06.900A1-	6,9		98	148	110	36	8	☺
★ DD170-12-07.000A1-	7		98	148	110	36	8	☺
★ DD170-12-07.100A1-	7,1		98	148	110	36	8	☺
★ DD170-12-07.144A1-	7,144	9/32"	98	148	110	36	8	☺
★ DD170-12-07.300A1-	7,3		98	148	110	36	8	☺
★ DD170-12-07.400A1-	7,4		98	148	110	36	8	☺
★ DD170-12-07.500A1-	7,5		98	148	110	36	8	☺
★ DD170-12-07.541A1-	7,541	19/64"	98	148	110	36	8	☺
★ DD170-12-07.800A1-	7,8		98	148	110	36	8	☺
★ DD170-12-07.900A1-	7,9		98	148	110	36	8	☺
★ DD170-12-07.938A1-	7,938	5/16"	98	148	110	36	8	☺
★ DD170-12-08.000A1-	8		98	148	110	36	8	☺
★ DD170-12-08.100A1-	8,1		123	180	138	40	10	☺
★ DD170-12-08.200A1-	8,2		123	180	138	40	10	☺
★ DD170-12-08.300A1-	8,3		123	180	138	40	10	☺
★ DD170-12-08.400A1-	8,4		123	180	138	40	10	☺
★ DD170-12-08.500A1-	8,5		123	180	138	40	10	☺
★ DD170-12-08.600A1-	8,6		123	180	138	40	10	☺
★ DD170-12-08.700A1-	8,7		123	180	138	40	10	☺
★ DD170-12-08.731A1-	8,731	11/32"	123	180	138	40	10	☺
★ DD170-12-08.800A1-	8,8		123	180	138	40	10	☺
★ DD170-12-09.000A1-	9		123	180	138	40	10	☺
★ DD170-12-09.128A1-	9,128	23/64"	123	180	138	40	10	☺
★ DD170-12-09.300A1-	9,3		123	180	138	40	10	☺
★ DD170-12-09.500A1-	9,5		123	180	138	40	10	☺
★ DD170-12-09.525A1-	9,525	3/8"	123	180	138	40	10	☺
★ DD170-12-09.600A1-	9,6		123	180	138	40	10	☺
★ DD170-12-09.700A1-	9,7		123	180	138	40	10	☺
★ DD170-12-09.800A1-	9,8		123	180	138	40	10	☺
★ DD170-12-09.922A1-	9,922	25/64"	123	180	138	40	10	☺
★ DD170-12-10.000A1-	10		123	180	138	40	10	☺
★ DD170-12-10.100A1-	10,1		140	206	158	45	12	☺
★ DD170-12-10.200A1-	10,2		140	206	158	45	12	☺
★ DD170-12-10.300A1-	10,3		140	206	158	45	12	☺

Ordering example for the grade WJ30EY: DD170-12-03.000A1-WJ30EY

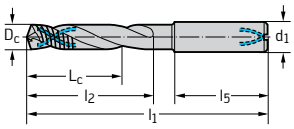
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
★ DD170-12-10.319A1-	10,319	13/32"	140	206	158	45	12	☺
★ DD170-12-10.400A1-	10,4		140	206	158	45	12	☺
★ DD170-12-10.500A1-	10,5		140	206	158	45	12	☺
★ DD170-12-11.000A1-	11		140	206	158	45	12	☺
★ DD170-12-11.100A1-	11,1		140	206	158	45	12	☺
★ DD170-12-11.113A1-	11,113	7/16"	140	206	158	45	12	☺
★ DD170-12-11.200A1-	11,2		140	206	158	45	12	☺
★ DD170-12-11.500A1-	11,5		140	206	158	45	12	☺
★ DD170-12-11.509A1-	11,509	29/64"	140	206	158	45	12	☺
★ DD170-12-11.700A1-	11,7		140	206	158	45	12	☺
★ DD170-12-11.800A1-	11,8		140	206	158	45	12	☺
★ DD170-12-11.906A1-	11,906	15/32"	140	206	158	45	12	☺
★ DD170-12-12.000A1-	12		140	206	158	45	12	☺
★ DD170-12-12.200A1-	12,2		168	230	182	45	14	☺
★ DD170-12-12.303A1-	12,303	31/64"	168	230	182	45	14	☺
★ DD170-12-12.500A1-	12,5		168	230	182	45	14	☺
★ DD170-12-12.600A1-	12,6		168	230	182	45	14	☺
★ DD170-12-12.700A1-	12,700	1/2"	168	230	182	45	14	☺
★ DD170-12-13.000A1-	13		168	230	182	45	14	☺
★ DD170-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☺
★ DD170-12-13.500A1-	13,5		168	230	182	45	14	☺
★ DD170-12-14.000A1-	14		168	230	182	45	14	☺
★ DD170-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☺
★ DD170-12-14.500A1-	14,5		192	260	208	48	16	☺
★ DD170-12-15.000A1-	15		192	260	208	48	16	☺
★ DD170-12-15.500A1-	15,5		192	260	208	48	16	☺
★ DD170-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☺
★ DD170-12-16.000A1-	16		192	260	208	48	16	☺
★ DD170-12-16.500A1-	16,5		216	285	234	48	18	☺
★ DD170-12-17.000A1-	17		216	285	234	48	18	☺
★ DD170-12-17.500A1-	17,5		216	285	234	48	18	☺
★ DD170-12-18.000A1-	18		216	285	234	48	18	☺
★ DD170-12-19.000A1-	19		238	310	258	50	20	☺
★ DD170-12-19.500A1-	19,5		238	310	258	50	20	☺
★ DD170-12-20.000A1-	20		238	310	258	50	20	☺

Ordering example for the grade WJ30EY: DD170-12-03.000A1-WJ30EY

B1

WALTER SELECT

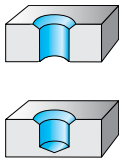
●● Primary application ● Other application

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

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

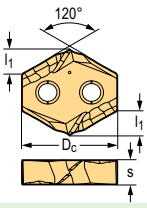
B1

Drilling/chamfering tools

Machining		
Drilling depth		
		
Designation	D4580 Xtra·tec®	
Effective cutting edges	2	
Diameter range		
[mm]	4–16	
[inch]	0,157–0,630	
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●●	
N NF metals	●●	
S Materials with difficult cutting properties	●●	
H Hard materials		
O Other		
Indexable insert types	 VC .	
Number of cutting edges	2	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	D4580	

WALTER SELECT ●● Primary application ● Other application

Double-sided exchangeable tip
DS42



Removable discs

	Designation	Number of cutting edges	D_c mm	s mm	l_1 mm	P HC WPP25	K HC WPP25
	DS42-12.00A-F58	4	12	3	3,33	☺	☺
	DS42-12.50A-F58	4	12,5	3	3,48	☺	☺
	DS42-12.70A-F58	4	12,7	3	3,64	☺	☺
	DS42-13.00B-F58	4	13	3	3,62	☺	☺
	DS42-13.50B-F58	4	13,5	3	3,77	☺	☺
	DS42-13.70B-F58	4	13,7	3	3,83	☺	☺
	DS42-14.00C-F58	4	14	3,5	3,85	☺	☺
	DS42-14.50C-F58	4	14,5	3,5	4	☺	☺
	DS42-14.70C-F58	4	14,7	3,5	4,06	☺	☺
	DS42-15.00D-F58	4	15	3,5	4,15	☺	☺
	DS42-15.50D-F58	4	15,5	3,5	4,3	☺	☺
	DS42-15.70D-F58	4	15,7	3,5	4,35	☺	☺
	DS42-15.88D-F58	4	15,88	3,5	4,41	☺	☺
	DS42-16.00E-F58	4	16	4	4,43	☺	☺
	DS42-16.50E-F58	4	16,5	4	4,58	☺	☺
	DS42-16.70E-F58	4	16,7	4	4,64	☺	☺
	DS42-17.00F-F58	4	17	4	4,73	☺	☺
	DS42-17.50F-F58	4	17,5	4	4,88	☺	☺
	DS42-17.70F-F58	4	17,7	4	4,94	☺	☺
	DS42-18.00G-F58	4	18	4,5	5,04	☺	☺
	DS42-18.50G-F58	4	18,5	4,5	5,19	☺	☺
	DS42-18.70G-F58	4	18,7	4,5	5,25	☺	☺
	DS42-19.00H-F58	4	19	4,5	5,34	☺	☺
	DS42-19.05H-F58	4	19,05	4,5	5,36	☺	☺
	DS42-19.50H-F58	4	19,5	4,5	5,49	☺	☺
	DS42-19.70H-F58	4	19,7	4,5	5,55	☺	☺
	DS42-20.00J-F58	4	20	5	5,35	☺	☺
	DS42-20.50J-F58	4	20,5	5	5,5	☺	☺
	DS42-20.70J-F58	4	20,7	5	5,56	☺	☺
	DS42-21.00K-F58	4	21	5	5,65	☺	☺
	DS42-21.50K-F58	4	21,5	5	5,8	☺	☺
	DS42-21.70K-F58	4	21,7	5	5,86	☺	☺
	DS42-22.00L-F58	4	22	5,5	5,83	☺	☺
	DS42-22.23L-F58	4	22,23	5,5	5,9	☺	☺
	DS42-22.50L-F58	4	22,5	5,5	5,98	☺	☺
	DS42-22.70L-F58	4	22,7	5,5	6,04	☺	☺
	DS42-23.00M-F58	4	23	5,5	6,13	☺	☺
	DS42-23.50M-F58	4	23,5	5,5	6,28	☺	☺
	DS42-23.70M-F58	4	23,7	5,5	6,34	☺	☺
	DS42-24.00N-F58	4	24	6	6,26	☺	☺
	DS42-24.50N-F58	4	24,5	6	6,42	☺	☺
	DS42-24.70N-F58	4	24,7	6	6,48	☺	☺
	DS42-25.00P-F58	4	25	6	6,57	☺	☺
	DS42-25.25P-F58	4	25,25	6	6,64	☺	☺
	DS42-25.40P-F58	4	25,4	6	6,69	☺	☺
	DS42-25.50P-F58	4	25,5	6	6,72	☺	☺
	DS42-25.70P-F58	4	25,7	6	6,78	☺	☺

Ordering example for the grade WPP25: DS42-12.00A-F58 WPP25

HC = Coated carbide

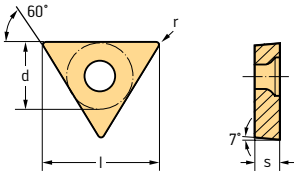
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Turning Insert – Positive triangular 60°

TCMT

Tiger·tec® Gold



Indexable inserts

	Designation	l mm	r mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WMP20S	P HE WEP10C	M HC WSM10S	M HC WMP20S	M HC WSM20S	K HC WKP01G	S HC WSM10S	S HC WSM20S
	TCMT06T102-FP4	6,87	0,2			😐								
	TCMT06T104-FP4	6,87	0,4			😐		☺						
	TCMT090202-FP4	9,62	0,2			😐								
	TCMT090204-FP4	9,62	0,4	☺	☺	😐		☺				☺		
	TCMT090208-FP4	9,62	0,8			😐								
	TCMT110202-FP4	11	0,2		☺	😐								
	TCMT110204-FP4	11	0,4	☺	☺	😐		☺				☺		
	TCMT110208-FP4	11	0,8		☺	😐								
	TCMT110304-FP4	11	0,4		☺	😐								
	TCMT110308-FP4	11	0,8		☺	😐								
	TCMT16T302-FP4	16,5	0,2			😐								
	TCMT16T304-FP4	16,5	0,4	☺	☺	😐						☺		
	TCMT16T308-FP4	16,5	0,8		☺	😐		☺						
	TCMT090204-MM4	9,62	0,4						☺		😐		☺	😐
	TCMT090208-MM4	9,62	0,8								😐			😐
	TCMT110204-MM4	11	0,4								😐			😐
	TCMT110208-MM4	11	0,8								😐			😐
	TCMT16T304-MM4	16,5	0,4				😐		☺	😐	😐		☺	😐
	TCMT16T308-MM4	16,5	0,8				😐		☺	😐	😐		☺	😐
	TCMT220408-MM4	22	0,8								😐			😐
	TCMT090204-MP4	9,62	0,4			😐								
	TCMT090208-MP4	9,62	0,8			😐								
	TCMT110204-MP4	11	0,4		☺	😐								
	TCMT110208-MP4	11	0,8		☺	😐								
	TCMT110304-MP4	11	0,4		☺	😐								
	TCMT110308-MP4	11	0,8		☺	😐								
	TCMT16T304-MP4	16,5	0,4		☺	😐								
	TCMT16T308-MP4	16,5	0,8		☺	😐								
	TCMT220408-MP4	22	0,8			😐								

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: TCMT06T102-FP4 WPP20G

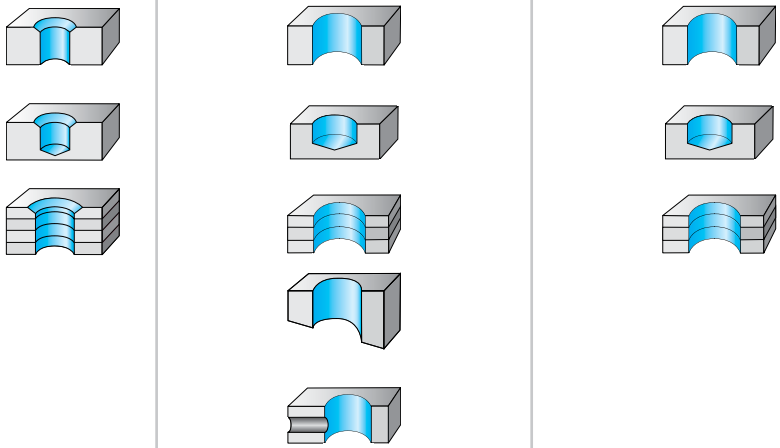
HC = Coated carbide
HE = Coated cermet

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

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

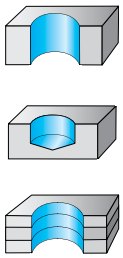
B1

Indexable insert drills

Machining					
Drilling depth	2,5 x D_C	3 x D_C	5 x D_C	1,3 x D_C	3 x D_C
		NEW	NEW		
					
Designation	D4240 Drion·tec®	D5142 Drion·tec® D-Spade	D5142 Drion·tec® D-Spade	D4140 Drion·tec®	D4140 Drion·tec®
Effective cutting edges	2	2	2	2	2
Diameter range					
[mm]	12–29	12–25,99	12–25,99	12–25,99	
[inch]		0,472–1,023	0,472–1,023		0,472–1,22
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●			●●	●●
K Cast iron	●●	●	●	●●	●●
N NF metals	●●			●●	●●
S Materials with difficult cutting properties	●●			●●	●●
H Hard materials					
O Other					
Indexable insert types					
	P600 .	DS42 .		P600 .	
Number of cutting edges	1	2	2	1	1
Page in catalogue		198	202		
QR code					
www.walter-tools.com/woc/	D4240	D5142	D5142	D4140	D4140

WALTER SELECT ●● Primary application ● Other application

Indexable insert drills

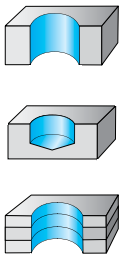
Machining					
Drilling depth	3 x D_C	5 x D_C	5 x D_C	7 x D_C	7 x D_C
					
Designation	D4140 Drion·tec®	D4140 Drion·tec®	D4140 Drion·tec®	D4140 Drion·tec®	D4140 Drion·tec®
Effective cutting edges	2	2	2	2	2
Diameter range					
[mm]	12–37,99	12–31,99	12–37,99	12–31,99	12–37,99
[inch]	0,472–1,496	0,472–1,22	0,472–1,496	0,472–1,22	0,472–1,496
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●	●	●
H Hard materials					
O Other					
Indexable insert types			 P600 .		
Number of cutting edges	1	1	1	1	1
Page in catalogue					
QR code					
www.walter-tools.com/woc/	D4140	D4140	D4140	D4140	D4140

WALTER SELECT

●● Primary application ● Other application

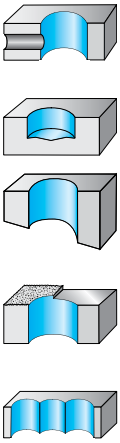
B1

Indexable insert drills

Machining		
Drilling depth	10 x D_C	
		
Designation	D4140 Drion·tec®	
Effective cutting edges	2	
Diameter range		
[mm]	12–25,99	
[inch]	0,472–1,023	
P Steel	●●	
M Stainless steel	●	
K Cast iron	●●	
N NF metals	●●	
S Materials with difficult cutting properties	●	
H Hard materials		
O Other		
Indexable insert types	 P600 .	
Number of cutting edges	1	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	D4140	

WALTER SELECT ●● Primary application ● Other application

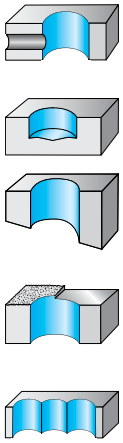
Indexable insert drills

Machining					
Drilling depth	3 x D_C	2 x D_C	3 x D_C	4 x D_C	5 x D_C
					
Designation	D4170 Drion·tec®	D4120 Drion·tec®	D4120 Drion·tec®	D4120 Drion·tec®	D4120 Drion·tec®
Effective cutting edges	1	1	1	1	1
Diameter range					
[mm]	65–80	13,5–59	13,5–59	16,5–59	16,5–59
[inch]		0,531–2,250	0,531–2,250	0,656–2,250	0,656–2,250
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials					
O Other					
Indexable insert types			 P484 .C  P484 .P		
Number of cutting edges	4	4	4	4	4
Page in catalogue					
QR code					
www.walter-tools.com/woc/	D4170	D4120	D4120	D4120	D4120

WALTER SELECT ●● Primary application ● Other application

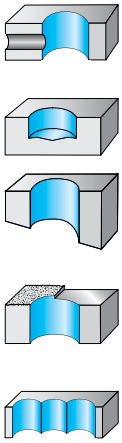
B1

Indexable insert drills

Machining					
Drilling depth	2 x D_C	3 x D_C	4 x D_C	2 x D_C	2 x D_C
					
Designation	D3120 Drion·tec®	D3120 Drion·tec®	D3120 Drion·tec®	B3212	B3212
Effective cutting edges	1	1	1	1	1
Diameter range					
[mm]	16–42	16–58	16–42	10–18	
[inch]		0,750–1,500	0,750–1,500		0,391–0,625
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●	●●	●●
H Hard materials					
O Other					
Indexable insert types		 P284 .S		 LC .	
Number of cutting edges	4	4	4		
Page in catalogue					
QR code					
www.walter-tools.com/woc/	D3120	D3120	D3120	B3212	B3212

WALTER SELECT ●● Primary application ● Other application

Indexable insert drills

Machining			
Drilling depth	3 x D_C	3 x D_C	4 x D_C
			
Designation	B3213	B3213	B3214
Effective cutting edges	1	1	1
Diameter range			
[mm]	10–18		10–18
[inch]		0,391–0,64	
P Steel	●●	●●	
M Stainless steel	●●	●●	
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other			
Indexable insert types		 LC .	
Number of cutting edges			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B3213	B3213	B3214

WALTER SELECT

●● Primary application ● Other application

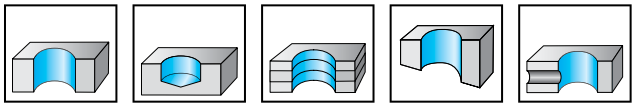
Double-sided exchangeable-tip drills

D5142 mm

Drion·tec® D-Spade

B1

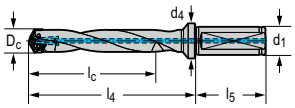
– Double-sided exchangeable tip
– Precision cooling



3×Dc | 120° | Z=2 | P

	P	M	K	N	S	H	O
D5142	●●		●				

Tool



Cylindrical shank with flat

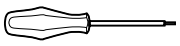
Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	Number of WSP	Type
★ D5142-03-12.00F16-A	12	12,99	40	67,9	48	16	20	0,12	1	DS42-A-12, ..
★ D5142-03-13.00F16-B	13	13,99	43	70,9	48	16	20	0,12	1	DS42-B-13, ..
★ D5142-03-14.00F16-C	14	14,99	43	72,7	48	16	20	0,13	1	DS42-C-14, ..
★ D5142-03-15.00F16-D	15	15,99	50	79,3	48	16	20	0,14	1	DS42-D-15, ..
★ D5142-03-16.00F20-E	16	16,99	53	84,5	50	20	25	0,21	1	DS42-E-16, ..
★ D5142-03-17.00F20-F	17	17,99	60	89,5	50	20	25	0,22	1	DS42-F-17, ..
★ D5142-03-18.00F20-G	18	18,99	62	93,3	50	20	25	0,23	1	DS42-G-18, ..
★ D5142-03-19.00F20-H	19	19,99	62	94,5	50	20	25	0,24	1	DS42-H-19, ..
★ D5142-03-20.00F20-J	20	20,99	64	99,2	50	20	25	0,25	1	DS42-I-20, ..
★ D5142-03-21.00F20-K	21	21,99	65	104,2	50	20	25	0,27	1	DS42-J-21, ..
★ D5142-03-22.00F25-L	22	22,99	73	111,7	56	25	32	0,42	1	DS42-K-22, ..
★ D5142-03-23.00F25-M	23	23,99	73	113,3	56	25	32	0,44	1	DS42-L-23, ..
★ D5142-03-24.00F25-N	24	24,99	73	118,3	56	25	32	0,56	1	DS42-M-24, ..
★ D5142-03-25.00F25-P	25	25,99	73	122,3	56	25	32	0,6	1	DS42-N-25, ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	$D_{c\,min}$ [mm]	12–15	16–19	20–21	22–23	24–25
	Clamping screw for drill insert Tightening torque	FS2148 (T6IP) 0,6 Nm	FS1454 (T8IP) 1,2 Nm	FS2079 (T9IP) 2 Nm	FS2063 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm

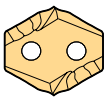
Accessories

	$D_{c\,min}$ [mm]	12–15	16–19	20–21	22–25
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS2086 (T6IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

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

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

Removable discs



Designation	D_c mm	P HC WPP25	K HC WPP25
DS42-12.00A-F58	12	☺	☺
DS42-12.50A-F58	12,5	☺	☺
DS42-12.70A-F58	12,7	☺	☺
DS42-13.00B-F58	13	☺	☺
DS42-13.50B-F58	13,5	☺	☺
DS42-13.70B-F58	13,7	☺	☺
DS42-14.00C-F58	14	☺	☺
DS42-14.50C-F58	14,5	☺	☺
DS42-14.70C-F58	14,7	☺	☺
DS42-15.00D-F58	15	☺	☺
DS42-15.50D-F58	15,5	☺	☺
DS42-15.70D-F58	15,7	☺	☺
DS42-15.88D-F58	15,9	☺	☺
DS42-16.00E-F58	16	☺	☺
DS42-16.50E-F58	16,5	☺	☺
DS42-16.70E-F58	16,7	☺	☺
DS42-17.00F-F58	17	☺	☺
DS42-17.50F-F58	17,5	☺	☺
DS42-17.70F-F58	17,7	☺	☺
DS42-18.00G-F58	18	☺	☺
DS42-18.50G-F58	18,5	☺	☺
DS42-18.70G-F58	18,7	☺	☺
DS42-19.00H-F58	19	☺	☺
DS42-19.05H-F58	19,1	☺	☺
DS42-19.50H-F58	19,5	☺	☺
DS42-19.70H-F58	19,7	☺	☺
DS42-20.00J-F58	20	☺	☺
DS42-20.50J-F58	20,5	☺	☺
DS42-20.70J-F58	20,7	☺	☺
DS42-21.00K-F58	21	☺	☺
DS42-21.50K-F58	21,5	☺	☺
DS42-21.70K-F58	21,7	☺	☺
DS42-22.00L-F58	22	☺	☺
DS42-22.23L-F58	22,2	☺	☺
DS42-22.50L-F58	22,5	☺	☺
DS42-22.70L-F58	22,7	☺	☺
DS42-23.00M-F58	23	☺	☺
DS42-23.50M-F58	23,5	☺	☺
DS42-23.70M-F58	23,7	☺	☺
DS42-24.00N-F58	24	☺	☺
DS42-24.50N-F58	24,5	☺	☺
DS42-24.70N-F58	24,7	☺	☺
DS42-25.00P-F58	25	☺	☺
DS42-25.25P-F58	25,2	☺	☺
DS42-25.40P-F58	25,4	☺	☺
DS42-25.50P-F58	25,5	☺	☺
DS42-25.70P-F58	25,7	☺	☺

HC = Coated carbide

B1

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

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

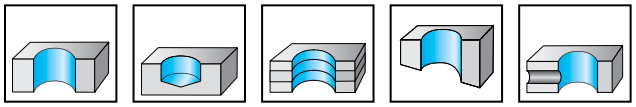
Double-sided exchangeable-tip drills

D5142 inch

Drion·tec® D-Spade

B1

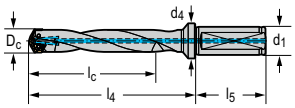
– Double-sided exchangeable tip
– Precision cooling



3×Dc | 120° | Z=2 | P

	P	M	K	N	S	H	O
D5142	●●		●				

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	Number of WSP	Type
★ D5142.03-12.00F15-A	0,472	0,511	1,575	2,673	1,890	0,625	0,787	0,251	1	DS42-A-12, ..
★ D5142.03-15.00F15-D	0,591	0,630	1,969	3,122	1,890	0,625	0,787	0,302	1	DS42-D-15, ..
★ D5142.03-19.00F19-H	0,748	0,787	2,441	3,72	2,031	0,750	0,984	0,516	1	DS42-H-19, ..
★ D5142.03-22.00F26-L	0,866	0,905	2,874	4,398	2,281	1,000	1,260	0,95	1	DS42-K-22, ..
★ D5142.03-25.00F26-P	0,984	1,023	2,520	4,815	2,281	1,000	1,260	0,280	1	DS42-N-25, ..

Bodies and assembly parts are included in the scope of delivery

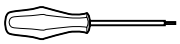
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

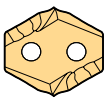
Assembly parts

	$D_{c\,min}$ [inch]	0,472–0,591	0,748	0,866	0,984
	Clamping screw for drill insert Tightening torque	FS2148 (T6IP) 0,443 lbs	FS1454 (T8IP) 0,885 lbs	FS2063 (T15IP) 2,213 lbs	FS2119 (T15IP) 2,213 lbs

Accessories

	$D_{c\,min}$ [inch]	0,472–0,591	0,748	0,866–0,984
	Torque screwdriver, analogue	FS2002	FS2002	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2012 (T8IP)	FS2014 (T15IP)
	Screwdriver	FS2086 (T6IP)	FS1483 (T8IP)	FS1485 (T15IP)

Removable discs

	Designation	D_c inch	P HC WPP25	K HC WPP25
	DS42-12.00A-F58	0,472	☺	☺
	DS42-12.50A-F58	0,492	☺	☺
	DS42-12.70A-F58	0,500	☺	☺
	DS42-15.00D-F58	0,591	☺	☺
	DS42-15.50D-F58	0,610	☺	☺
	DS42-15.70D-F58	0,618	☺	☺
	DS42-15.88D-F58	0,625	☺	☺
	DS42-19.00H-F58	0,748	☺	☺
	DS42-19.05H-F58	0,750	☺	☺
	DS42-19.50H-F58	0,768	☺	☺
	DS42-19.70H-F58	0,776	☺	☺
	DS42-22.00L-F58	0,866	☺	☺
	DS42-22.23L-F58	0,875	☺	☺
	DS42-22.50L-F58	0,886	☺	☺
	DS42-22.70L-F58	0,894	☺	☺
	DS42-25.00P-F58	0,984	☺	☺
	DS42-25.25P-F58	0,994	☺	☺
	DS42-25.40P-F58	1,000	☺	☺
	DS42-25.50P-F58	1,004	☺	☺
	DS42-25.70P-F58	1,012	☺	☺

HC = Coated carbide

B1

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

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

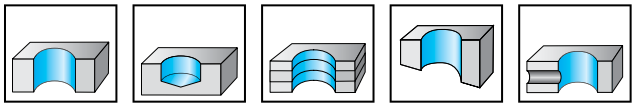
Double-sided exchangeable-tip drills

D5142 mm

Drion·tec® D-Spade

B1

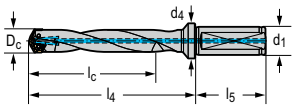
– Double-sided exchangeable tip
– Precision cooling



5×Dc | 120° | Z=2 | P

	P	M	K	N	S	H	O
D5142	●●		●				

Tool



Cylindrical shank with flat

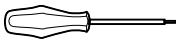
Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	Number of WSP	Type
★ D5142-05-12.00F16-A	12	12,99	64	91,9	48	16	20	0,13	1	DS42-A-12, ..
★ D5142-05-13.00F16-B	13	13,99	70	96,9	48	16	20	0,14	1	DS42-B-13, ..
★ D5142-05-14.00F16-C	14	14,99	72	100,7	48	16	20	0,15	1	DS42-C-14, ..
★ D5142-05-15.00F16-D	15	15,99	80	109,3	48	16	20	0,16	1	DS42-D-15, ..
★ D5142-05-16.00F20-E	16	16,99	85	116,5	50	20	25	0,23	1	DS42-E-16, ..
★ D5142-05-17.00F20-F	17	17,99	90	123,5	50	20	25	0,25	1	DS42-F-17, ..
★ D5142-05-18.00F20-G	18	18,99	97	129,3	50	20	25	0,27	1	DS42-G-18, ..
★ D5142-05-19.00F20-H	19	19,99	100	132,5	50	20	25	0,29	1	DS42-H-19, ..
★ D5142-05-20.00F20-J	20	20,99	105	139,2	50	20	25	0,31	1	DS42-I-20, ..
★ D5142-05-21.00F20-K	21	21,99	111	146,2	50	20	25	0,33	1	DS42-J-21, ..
★ D5142-05-22.00F25-L	22	22,99	116	155,7	56	25	32	0,5	1	DS42-K-22, ..
★ D5142-05-23.00F25-M	23	23,99	116	159,3	56	25	32	0,52	1	DS42-L-23, ..
★ D5142-05-24.00F25-N	24	24,99	116	166,3	56	25	32	0,55	1	DS42-M-24, ..
★ D5142-05-25.00F25-P	25	25,99	132	172,3	56	25	32	0,59	1	DS42-N-25, ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	$D_{c\,min}$ [mm]	12–15	16–19	20–21	22–23	24–25
	Clamping screw for drill insert Tightening torque	FS2148 (T6IP) 0,6 Nm	FS1454 (T8IP) 1,2 Nm	FS2079 (T9IP) 2 Nm	FS2063 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm

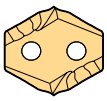
Accessories

	$D_{c\,min}$ [mm]	12–15	16–19	20–21	22–25
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS2086 (T6IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

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

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

Removable discs



Designation	D_c mm	P HC WPP25	K HC WPP25
DS42-12.00A-F58	12	☺	☺
DS42-12.50A-F58	12,5	☺	☺
DS42-12.70A-F58	12,7	☺	☺
DS42-13.00B-F58	13	☺	☺
DS42-13.50B-F58	13,5	☺	☺
DS42-13.70B-F58	13,7	☺	☺
DS42-14.00C-F58	14	☺	☺
DS42-14.50C-F58	14,5	☺	☺
DS42-14.70C-F58	14,7	☺	☺
DS42-15.00D-F58	15	☺	☺
DS42-15.50D-F58	15,5	☺	☺
DS42-15.70D-F58	15,7	☺	☺
DS42-15.88D-F58	15,9	☺	☺
DS42-16.00E-F58	16	☺	☺
DS42-16.50E-F58	16,5	☺	☺
DS42-16.70E-F58	16,7	☺	☺
DS42-17.00F-F58	17	☺	☺
DS42-17.50F-F58	17,5	☺	☺
DS42-17.70F-F58	17,7	☺	☺
DS42-18.00G-F58	18	☺	☺
DS42-18.50G-F58	18,5	☺	☺
DS42-18.70G-F58	18,7	☺	☺
DS42-19.00H-F58	19	☺	☺
DS42-19.05H-F58	19,1	☺	☺
DS42-19.50H-F58	19,5	☺	☺
DS42-19.70H-F58	19,7	☺	☺
DS42-20.00J-F58	20	☺	☺
DS42-20.50J-F58	20,5	☺	☺
DS42-20.70J-F58	20,7	☺	☺
DS42-21.00K-F58	21	☺	☺
DS42-21.50K-F58	21,5	☺	☺
DS42-21.70K-F58	21,7	☺	☺
DS42-22.00L-F58	22	☺	☺
DS42-22.23L-F58	22,2	☺	☺
DS42-22.50L-F58	22,5	☺	☺
DS42-22.70L-F58	22,7	☺	☺
DS42-23.00M-F58	23	☺	☺
DS42-23.50M-F58	23,5	☺	☺
DS42-23.70M-F58	23,7	☺	☺
DS42-24.00N-F58	24	☺	☺
DS42-24.50N-F58	24,5	☺	☺
DS42-24.70N-F58	24,7	☺	☺
DS42-25.00P-F58	25	☺	☺
DS42-25.25P-F58	25,2	☺	☺
DS42-25.40P-F58	25,4	☺	☺
DS42-25.50P-F58	25,5	☺	☺
DS42-25.70P-F58	25,7	☺	☺

HC = Coated carbide

B1

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

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

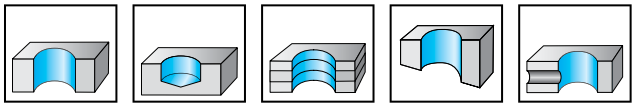
Double-sided exchangeable-tip drills

D5142 inch

Drion·tec® D-Spade

B1

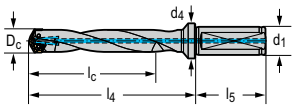
– Double-sided exchangeable tip
– Precision cooling



5×Dc | 120° | Z=2 | P

	P	M	K	N	S	H	O
D5142	●●		●				

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	Number of WSP	Type
★ D5142.05-12.00F15-A	0,472	0,511	2,520	3,618	1,890	0,625	0,787	0,278	1	DS42-A-12, ..
★ D5142.05-15.00F15-D	0,591	0,630	3,150	4,303	1,890	0,625	0,787	0,351	1	DS42-D-15, ..
★ D5142.05-19.00F19-H	0,748	0,787	3,937	5,217	2,031	0,750	0,984	0,615	1	DS42-H-19, ..
★ D5142.05-22.00F26-L	0,866	0,905	4,567	6,130	2,281	1,000	1,260	1,116	1	DS42-K-22, ..
★ D5142.05-25.00F26-P	0,984	1,023	5,079	6,783	2,281	1,000	1,260	1,318	1	DS42-N-25, ..

Bodies and assembly parts are included in the scope of delivery

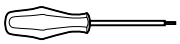
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

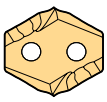
Assembly parts

	$D_{c\ min}$ [inch]	0,472–0,591	0,748	0,866	0,984
	Clamping screw for drill insert Tightening torque	FS2148 (T6IP) 0,443 lbs	FS1454 (T8IP) 0,885 lbs	FS2063 (T15IP) 2,213 lbs	FS2119 (T15IP) 2,213 lbs

Accessories

	$D_{c\ min}$ [inch]	0,472–0,591	0,748	0,866–0,984
	Torque screwdriver, analogue	FS2002	FS2002	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2012 (T8IP)	FS2014 (T15IP)
	Screwdriver	FS2086 (T6IP)	FS1483 (T8IP)	FS1485 (T15IP)

Removable discs

	Designation	D_c inch	P HC WPP25	K HC WPP25
	DS42-12.00A-F58	0,472	☺	☺
	DS42-12.50A-F58	0,492	☺	☺
	DS42-12.70A-F58	0,500	☺	☺
	DS42-15.00D-F58	0,591	☺	☺
	DS42-15.50D-F58	0,610	☺	☺
	DS42-15.70D-F58	0,618	☺	☺
	DS42-15.88D-F58	0,625	☺	☺
	DS42-19.00H-F58	0,748	☺	☺
	DS42-19.05H-F58	0,750	☺	☺
	DS42-19.50H-F58	0,768	☺	☺
	DS42-19.70H-F58	0,776	☺	☺
	DS42-22.00L-F58	0,866	☺	☺
	DS42-22.23L-F58	0,875	☺	☺
	DS42-22.50L-F58	0,886	☺	☺
	DS42-22.70L-F58	0,894	☺	☺
	DS42-25.00P-F58	0,984	☺	☺
	DS42-25.25P-F58	0,994	☺	☺
	DS42-25.40P-F58	1,000	☺	☺
	DS42-25.50P-F58	1,004	☺	☺
	DS42-25.70P-F58	1,012	☺	☺

HC = Coated carbide

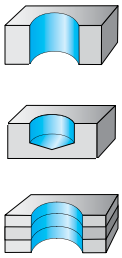
B1

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

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

B1

HSS drilling tools

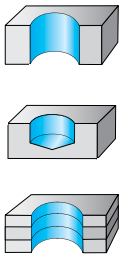


Drilling depth	3 x D_C			5 x D_C	
					
Designation	A1154TFT VA Inox	A1149XPL UFL®	A1148 UFL®	A3153	A3143
Additional services	R	R	R		
Standard	DIN 1897	DIN 1897	DIN 1897	DIN 1899	DIN 1899
Coating / grade	TFT	XPL	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	2–16	1–20	1–20	0,15–1,4	0,05–1,45
P Steel	●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●	●
K Cast iron		●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●●	●●	●●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A1154TFT	A1149XPL	A1148	A3153	A3143

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



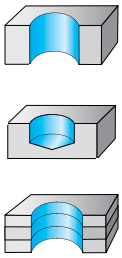
Drilling depth	8 x D_C				
					
Designation	A1254TFT VA Inox	A1249XPL UFL®	A1222 UFL®	A1244 VA	Z3515
Additional services	R	R	R		
Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338
Coating / grade	TFT	XPL	uncoated	uncoated	
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3–16	1–20	1–16	0,3–15	–
P Steel	●	●●	●●	●	●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron		●●	●●		
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties	●	●	●	●●	●●
H Hard materials					
O Other	●	●	●		
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A1254TFT	A1249XPL	A1222	A1244	Z3515

WALTER SELECT

●● Primary application ● Other application

B1

HSS drilling tools

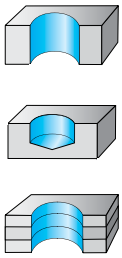


Drilling depth		8 x D_C			
					
Designation	Z3516	A4244 VA	A1247 Alpha® XE	A4247 Alpha® XE	DA110 Perform
Additional services					
Standard		DIN 345	DIN 338	DIN 345	DIN 338
Coating / grade		uncoated	uncoated	uncoated	WZ90AJ
Shank	Cylindrical shank	Morse taper	Cylindrical shank	Morse taper	Cylindrical shank
Diameter range [mm]	–	10–32	1–16	10–40	1–16
P Steel	●	●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●
K Cast iron			●●	●●	●●
N NF metals	●	●	●●	●●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials					
O Other			●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	Z3516	A4244	A1247	A4247	DA110

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth		8 x D_C			





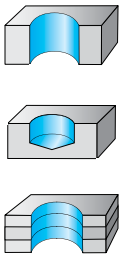
Designation	DA110 Perform	A1211TIN	A1211	Z3219TIN	Z3218
Additional services					
Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338
Coating / grade		TIN	uncoated		
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	–	0,5–16	0,2–22	–	–
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DA110	A1211TIN	A1211	Z3219TIN	Z3218

WALTER SELECT

●● Primary application ● Other application

B1

HSS drilling tools

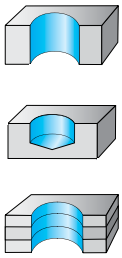


Drilling depth				12 x D_C	
					
Designation	Z3219	Z3213	Z3216	A1549TFP UFL®	A1522 UFL®
Additional services				R	R
Standard	DIN 338	DIN 338	DIN 338	DIN 340	DIN 340
Coating / grade				TFP	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	–	–	–	1–12	1–22,225
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●	●	●	●●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	Z3219	Z3213	Z3216	A1549TFP	A1522

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



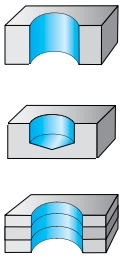
Drilling depth	12 x D_C				16 x D_C
					
Designation	A4422 UFL®	A1544 VA	A1547 Alpha® XE	A1511	A1622 UFL®
Additional services	R				R
Standard	DIN 341	DIN 340	DIN 340	DIN 340	DIN 1869 I
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	10–31	1–12	1–12,7	0,5–22	2–12,7
P Steel	●●	●	●	●	●●
M Stainless steel	●	●●	●●	●	●
K Cast iron	●●		●●	●	●●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●	●●	●●	●	●
H Hard materials					
O Other	●		●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A4422	A1544	A1547	A1511	A1622

WALTER SELECT

●● Primary application ● Other application

B1

HSS drilling tools

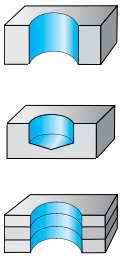


Drilling depth	16 x D_C		22 x D_C		30 x D_C
					
Designation	A4622 UFL®	A4611	A1722 UFL®	A4722 UFL®	A1822 UFL®
Additional services	R		R	R	R
Standard	DIN 1870 I	DIN 1870 I	DIN 1869 II	DIN 1870 II	DIN 1869 III
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Morse taper	Morse taper	Cylindrical shank	Morse taper	Cylindrical shank
Diameter range [mm]	12–30	8–40	3–12	8–40	3,5–12
P Steel	●●	●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●●	●	●●	●●	●●
N NF metals	●●	●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A4622	A4611	A1722	A4722	A1822

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth	**60 x D_C**	**85 x D_C**

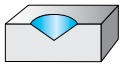
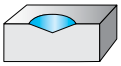
Designation	A1922S UFL®	A1922L UFL®
Additional services	R	R
Standard	Walter	Walter
Coating / grade	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	6–14	8–12
P Steel	●●	●●
M Stainless steel	●	●
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties	●	●
H Hard materials		
O Other	●	●
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A1922S	A1922L

WALTER SELECT

●● Primary application ● Other application

B1

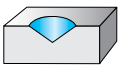
Solid carbide and HSS NC spot drills

Machining					
Standard	Walter	Walter	Walter	Walter	Walter
Countersink angle	90°	120°			
					
Designation	A1174	A1174C	A1114	A1114L	A1114S
Additional services	R	R			
Cutting tool material	Solid carbide	Solid carbide	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	3–20	3–20	4–20	4–12,7	2–25,4
P Steel			●●	●●	●●
M Stainless steel			●	●	●
K Cast iron	●	●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●	●	●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A1174	A1174C	A1114	A1114L	A1114S

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS NC spot drills

Machining			
Standard	Walter	Walter	Walter
Countersink angle		90°	
			
Designation	A1115	A1115L	A1115S
Additional services			
Cutting tool material	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	4–20	4–25,4	2–25,4
P Steel	●●	●●	●●
M Stainless steel	●	●	●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●	●	●
H Hard materials			
O Other	●●	●●	●●
Page in catalogue			
QR code			
www.walter-tools.com/woc/	A1115	A1115L	A1115S

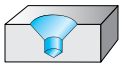
B1

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide and HSS center drills

Machining					
Shape	A	A	A	A	A
					
Designation	K1161XPL	K1161	K1911	K1811	K1411S
Standard	DIN 333-A	DIN 333-A	B.S. 328	ANSI B94.11	Walter
Cutting tool material	Solid carbide	Solid carbide	HSS	HSS	HSS
Coating / grade	XPL	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	0,5–6,3	0,5–6,3	1,191–7,938	0,635–7,938	0,75–5
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●●	●			
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	K1161XPL	K1161	K1911	K1811	K1411S

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS center drills

Machining					
Shape	A	A	R	A	B
					
Designation	K1411M	K1411L	K1313	K1311	K1215
Standard	Walter	Walter	Walter	Walter	DIN 333-B
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	0,75–4	2–4	1–4	0,63–6	1–10
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	K1411M	K1411L	K1313	K1311	K1215

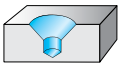
B1

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide and HSS center drills

Machining					
Shape	A	R	R	R	A
					
Designation	K1131	K1114	K1113TIN	K1113	K1112
Standard	DIN 333-A	DIN 333-R	DIN 333-R	DIN 333-R	DIN 333-A
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	TIN	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank with flat	Cylindrical shank	Cylindrical shank	Cylindrical shank with flat
Diameter range	0,5–6,3	2–5	1–5	0,5–10	1,6–5
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	K1131	K1114	K1113TIN	K1113	K1112

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS center drills

Machining		
Shape	A	A
		
Designation	K1111TIN	K1111
Standard	DIN 333-A	DIN 333-A
Cutting tool material	HSS	HSS
Coating / grade	TIN	uncoated
Shank	Cylindrical shank	Cylindrical shank
Diameter range	1–5	0,5–12,5
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other	●●	●●
Page in catalogue		
QR code		
www.walter-tools.com/woc/	K1111TIN	K1111

B1

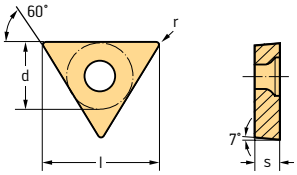
WALTER SELECT

●● Primary application ● Other application

Turning Insert – Positive triangular 60°

TCMT

Tiger·tec® Gold



Indexable inserts

Designation	l mm	r mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HE WEP10C	K HC WKP01G
TCMT06T102-FP4	6,87	0,2			😐		
TCMT06T104-FP4	6,87	0,4			😐	😊	
TCMT090202-FP4	9,62	0,2			😐		
TCMT090204-FP4	9,62	0,4	😊	😊	😐	😊	😊
TCMT090208-FP4	9,62	0,8			😐		
TCMT110202-FP4	11	0,2		😊	😐		
TCMT110204-FP4	11	0,4	😊	😊	😐	😊	😊
TCMT110208-FP4	11	0,8		😊	😐		
TCMT110304-FP4	11	0,4		😊	😐		
TCMT110308-FP4	11	0,8		😊	😐		
TCMT16T302-FP4	16,5	0,2			😐		
TCMT16T304-FP4	16,5	0,4	😊	😊	😐		😊
TCMT16T308-FP4	16,5	0,8		😊	😐	😊	

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: TCMT06T102-FP4 WPP20G

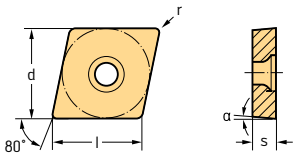
HC = Coated carbide
HE = Coated cermet

B 2

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

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

Turning Insert – Positive rhombic 80°
CCMT
Tiger·tec® Gold



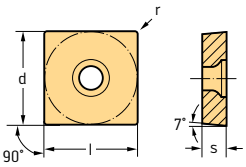
Indexable inserts

	Designation	l mm	r mm	P HC WPP20G
	CCMT060202-E47	6,45	0,2	☹
	CCMT060204-E47	6,45	0,4	☹
	CCMT09T302-E47	9,67	0,2	☹
	CCMT09T304-E47	9,67	0,4	☹
	CCMT09T308-E47	9,67	0,8	☹
	CCMT120404-E47	12,9	0,4	☹
	CCMT120408-E47	12,9	0,8	☹
	CCMT120412-E47	12,9	1,2	☹

Ordering example for the grade WPP20G: CCMT060202-E47 WPP20G

HC = Coated carbide

Turning Insert – Positive square
SCMT
Tiger·tec® Gold



Indexable inserts

	Designation	l mm	r mm	P HC WPP20G
	SCMT060204-E47	6,35	0,4	☹
	SCMT09T304-E47	9,53	0,4	☹
	SCMT09T308-E47	9,53	0,8	☹
	SCMT120408-E47	12,7	0,8	☹

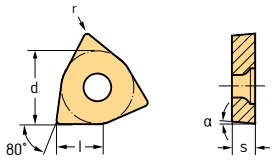
Ordering example for the grade WPP20G: SCMT060204-E47 WPP20G

HC = Coated carbide

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

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

Turning Insert – Positive Trigon 80°
WCMT
Tiger·tec® Gold



Indexable inserts

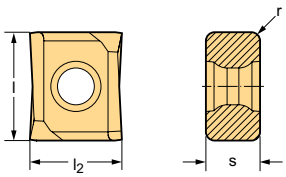
	Designation	l mm	r mm	P HC WPP20G
	WCMT030204-E47	3,5	0,4	☹
	WCMT040204-E47	4,3	0,4	☹
	WCMT06T304-E47	6,5	0,4	☹

Ordering example for the grade WPP20G: WCMT030204-E47 WPP20G

HC = Coated carbide

B 2

Tangential rhombic
P4130 / P4160
Tiger·tec® Gold



Indexable inserts

	Designation	l_2 mm	l mm	r mm	P HC WPP20G
	P4130-4R12-E47	10,48	14	1,2	☹
	P4160-2L08-E47	9,69	10	0,8	☹
	P4160-2R04-E47	9,69	10	0,4	☹
	P4160-2R08-E47	9,69	10	0,8	☹

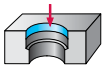
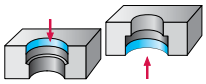
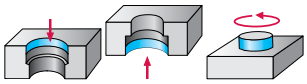
Ordering example for the grade WPP20G: P4130-4R12-E47 WPP20G

HC = Coated carbide

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

Precision boring tools

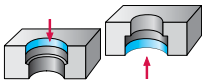
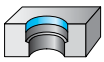
B 2

Machining			
Diameter range [mm]	**1–20**	**19–167**	**148–635**
			
Designation	B5110	B5115	B5120
Display	analogue	analogue	analogue
Shank			
Walter Capto™	✔	✔	✔
ScrewFit	✔	✔	
NCT	✔	✔	✔
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials	●	●	●
O Other	●	●	●
Solid carbide boring bar			
Suitable insert types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B5110	B5115	B5120

WALTER SELECT

●● Primary application ● Other application

Precision boring tools

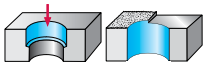
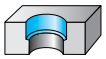
Machining			
Diameter range [mm]	**69–167**	**3–124**	
			
Designation	B5125	B4035	EB100
Display	analogue	digital	
Shank			
Walter Capto™	✔	✔	
ScrewFit		✔	
NCT			
P Steel	●●	●●	
M Stainless steel	●●	●●	
K Cast iron	●●	●●	
N NF metals	●●	●●	
S Materials with difficult cutting properties	●●	●●	
H Hard materials	●	●	
O Other	●	●	
Solid carbide boring bar			
Suitable insert types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B5125	B4035	EB100

B 2

WALTER SELECT ●● Primary application ● Other application

Two flute boring tools

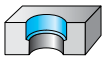
B 2

Machining			
Diameter range [mm]	**148–620**	**148–620**	**33–153**
			
Designation	B5460	B5560	B3220
Display	analogue	analogue	analogue
Shank			
Walter Capto™	✔	✔	✔
ScrewFit			✔
NCT	✔	✔	✔
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials			
O Other			
Solid carbide boring bar			
Suitable insert types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B5460	B5560	B3220

WALTER SELECT

●● Primary application ● Other application

Two flute boring tools

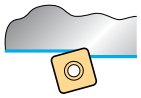
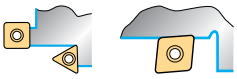
Machining		
Diameter range [mm]	**20–33**	
		
Designation	B3221	
Display	analogue	
Shank		
Walter Capto™	✔	
ScrewFit	✔	
NCT	✔	
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●●	
N NF metals	●	
S Materials with difficult cutting properties	●●	
H Hard materials		
O Other		
Solid carbide boring bar		
Suitable insert types		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	B3221	

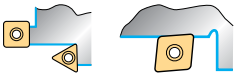
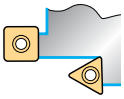
B 2

WALTER SELECT ●● Primary application ● Other application

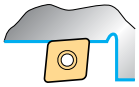
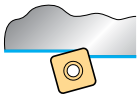
ISO cartridges

B 2

Machining					
Approach angle	45°	45°	75°	75°	90°
					
Designation	PSSN...CA	SSSC-09...CA	PSKN...CA	SSKC-09...CA	PCFN...CA
Indexable insert types	90° SN..	90° SC..	90° SN..	90° SC..	80° CN..
Insert size l [mm]	12	9	9–15	9	12
Clamping system	Lever-type	Screw	Lever-type	Screw	Lever-type
Adjustment accuracy [mm]					
$D_{c\ min}$ [mm]	50	40	40 / 50 / 60 / 70	40	50
Page in catalogue					
QR code					
www.walter-tools.com/woc/	PSSN-CA	SSSC-09-CA	PSKN-CA	SSKC-09-CA	PCFN-CA

Machining					
Approach angle	90°	90°	90°	90°	90°
					
Designation	PTFC...CA	PTFN...CA	SCFC...CA	STFC...CA	SWFC...CA
Indexable insert types	60° TC..	60° TN..	80° CC..	60°	80° WC..
Insert size l [mm]	16	16	9–12	9–11	6
Clamping system	Lever-type	Lever-type	Screw	Screw	Screw
Adjustment accuracy [mm]					
$D_{c\ min}$ [mm]	50	50	40 / 50	25 / 40	40
Page in catalogue					
QR code					
www.walter-tools.com/woc/	PTFC-CA	PTFN-CA	SCFC-CA	STFC-CA	SWFC-CA

ISO cartridges

Machining			
Approach angle	95°	95°	105°
			
Designation	PCLN...CA	SCLC...CA	SSRC-12...CA
Indexable insert types			
Insert size l [mm]	12–16	9–12	9
Clamping system	Lever-type	Screw	Screw
Adjustment accuracy [mm]			
$D_{c\ min}$ [mm]	50 / 60 / 70	40 / 50	40
Page in catalogue			
QR code			
www.walter-tools.com/woc/	PCLN-CA	SCLC-CA	SSRC-12-CA

B 2

Walter mini cartridges

B 2

Machining					
Approach angle	15°	30°	45°	45°	60°
Designation	FR701	FR675	FR/FL 673	FR699	FR674
Indexable insert types	80° WC..	60° TC..	60° TC..	90°	60° TC..
Insert size l [mm]		11	11		11
Clamping system	Screw	Screw	Screw	Screw	Screw
Adjustment accuracy [mm]					
$D_{c\ min}$ [mm]	20	20	20	20 / 25	20
Page in catalogue					
QR code					
www.walter-tools.com/woc/	FR701	FR675	FR-FL-673	FR699	FR674

Machining					
Approach angle	60°	75°	75°	90°	90°
Designation	FR698	FR/FL 707	FR697	FR/FL 671	FR/FL 672
Indexable insert types	90°	60° TC..	90°	80° CC..	60° TC..
Insert size l [mm]		11		6	11
Clamping system	Screw	Screw	Screw	Screw	Screw
Adjustment accuracy [mm]					
$D_{c\ min}$ [mm]	20	20	20	14,5 / 20	20
Page in catalogue					
QR code					
www.walter-tools.com/woc/	FR698	FR-FL-707	FR697	FR-FL-671	FR-FL-672

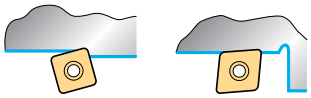
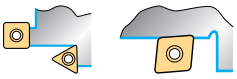
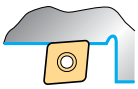
Walter mini cartridges

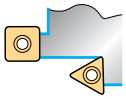
Machining		
Approach angle		
		
Designation	FR680	
Indexable insert types		
Insert size l [mm]	4	
Clamping system	Screw	
Adjustment accuracy [mm]		
$D_{c\ min}$ [mm]	20	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	FR680	

B 2

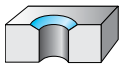
Walter precision boring cartridges

B 2

Machining					
Approach angle	90°	90°	90°	90°	95°
					
Designation	FR/FL 709	FR/FL 710	FR760	FR761	FR/FL 711
Indexable insert types	60° TC..	80° CC..	60° TC..	80° CC..	80° WC..
Insert size l [mm]	11	6	11	6	4
Clamping system	Screw	Screw	Screw	Screw	Screw
Adjustment accuracy [mm]	0,01	0,01	0,002	0,002	0,01
$D_{c\ min}$ [mm]	36	28	28	28	28
Page in catalogue					
QR code					
www.walter-tools.com/woc/	FR-FL-709	FR-FL-710	FR760	FR761	FR-FL-711

Machining		
Approach angle	95°	95°
		
Designation	FR/FL 717	FR763
Indexable insert types	80° CC..	80° CC..
Insert size l [mm]	6	6
Clamping system	Screw	Screw
Adjustment accuracy [mm]	0,01	0,002
$D_{c\ min}$ [mm]	28	28
Page in catalogue		
QR code		
www.walter-tools.com/woc/	FR-FL-717	FR763

HSS countersink



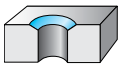
Drilling depth					
					
Designation	E6819TIN	Z3711TIN	E6819	E7819	E6818
Additional services					
Standard	DIN 335	DIN 335	DIN 335	DIN 335	DIN 334
Coating / grade	TIN		uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Morse taper	Cylindrical shank
Diameter range [mm]	1,5–4,2	–	1,3–4,2	3,2–22	1,6–6,3
P Steel	●●		●●	●●	●●
M Stainless steel	●●		●●	●●	●●
K Cast iron	●●		●●	●●	●●
N NF metals	●●		●●	●●	●●
S Materials with difficult cutting properties	●		●	●	●
H Hard materials					
O Other	●●		●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	E6819TIN	Z3711TIN	E6819	E7819	E6818

WALTER SELECT

●● Primary application ● Other application

B 2

HSS countersink



Drilling depth		

Designation	E7818	
Additional services		
Standard	DIN 334	
Coating / grade	uncoated	
Shank	Morse taper	
Diameter range [mm]	4–25	
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●●	
N NF metals	●●	
S Materials with difficult cutting properties	●	
H Hard materials		
O Other	●●	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	E7818	

WALTER SELECT ●● Primary application ● Other application

Solid carbide and HSS reamers

Standard	Walter	Walter	Walter	Walter	Walter
Designation	F2481TMS	F2481	F2482TMS	F2482	F2171
Cutting tool material	Solid carbide	Solid carbide	Solid carbide	Solid carbide	Solid carbide
Coating / grade	TMS	uncoated	TMS	uncoated	uncoated
Helix angle	Left-hand	Left-hand	straight	straight	Left-hand
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3,97–20	3,97–20	3,97–20	3,97–20	2–20
P Steel	●●	●	●●	●	●●
M Stainless steel					●●
K Cast iron	●●	●	●●	●	●●
N NF metals		●●		●●	●●
S Materials with difficult cutting properties					●●
H Hard materials					●
O Other		●●		●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	F2481TMS	F2481	F2482TMS	F2482	F2171

WALTER SELECT

●● Primary application ● Other application

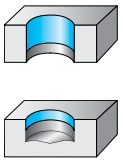
Solid carbide and HSS reamers

Standard	Walter	DIN 212	DIN 212	DIN 212	DIN 2179
Designation	F2162	F1342	F1352	F1352HUN	F3234
Cutting tool material	Solid carbide	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Helix angle	straight	straight	Left-hand	Left-hand	Left-hand
Shank	DIN 6535 HA	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	4–20	1–20	0,9–20	0,95–12	1–12
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●				
H Hard materials	●				
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	F2162	F1342	F1352	F1352HUN	F3234

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS reamers

		
Standard	DIN 206	DIN 859
		
Designation	F1131	F1231
Cutting tool material	HSS	HSS
Coating / grade	uncoated	uncoated
Helix angle	Left-hand	Left-hand
Shank	Cylindrical shank	Parallel shank
Diameter range [mm]	1–32	8–30
P Steel	●●	●●
M Stainless steel		
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other	●●	●●
Page in catalogue		
QR code		
www.walter-tools.com/woc/	F1131	F1231

B 3

WALTER SELECT

●● Primary application ● Other application

C - Threading

C1 - Tapping

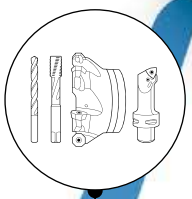
C2 - Thread forming

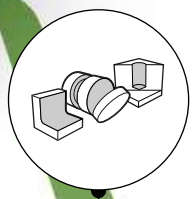
C3 - Thread milling

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

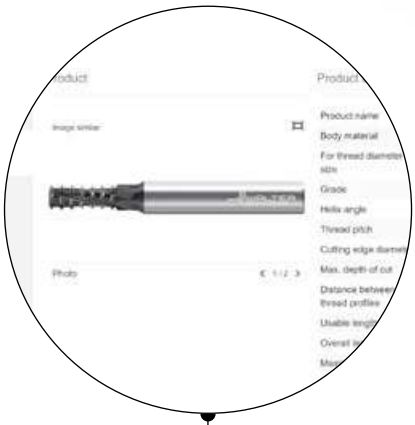
B SEARCH APPLICATION-RELATED

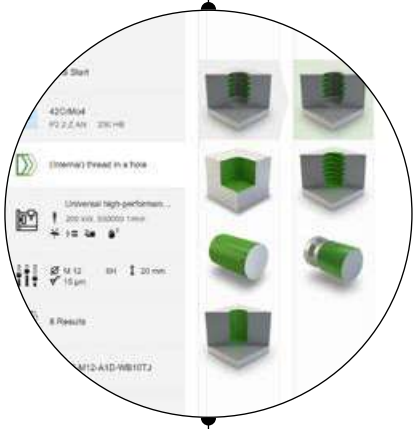
Do you know your application and your material, but don't know which tool solution is best for it?

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

Select **material** and …

… **application**





Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

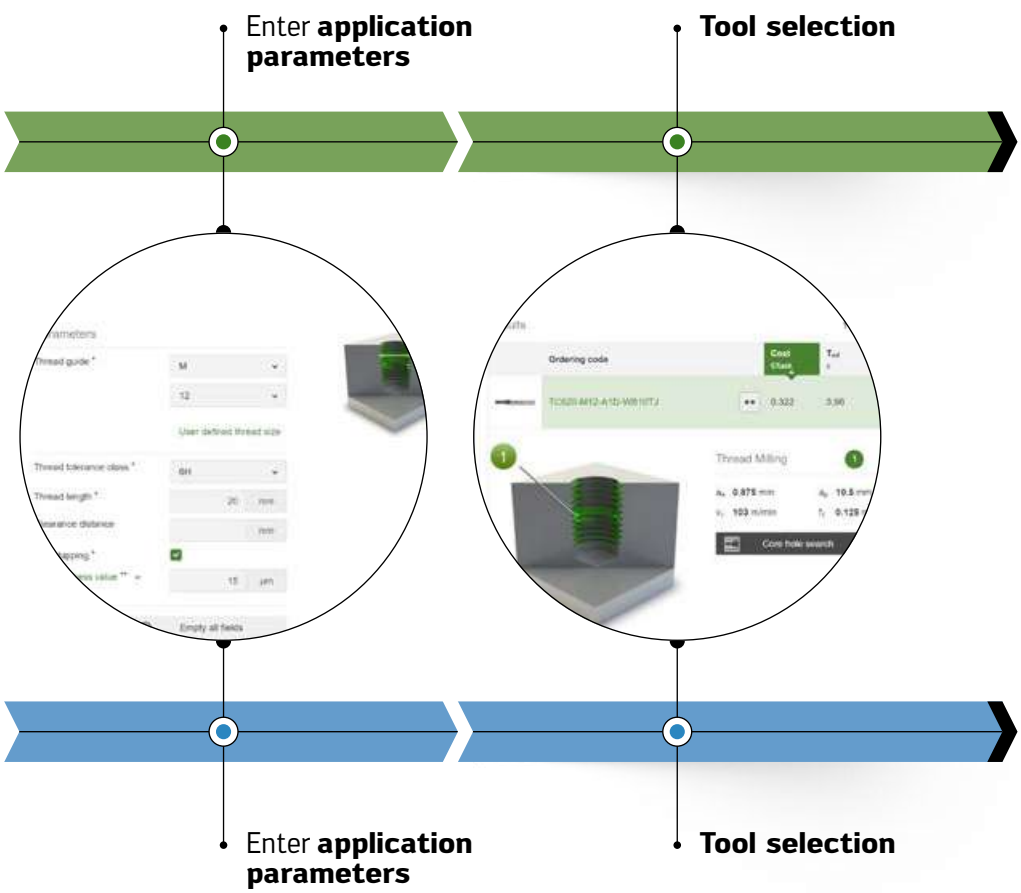
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating profitability –** this allows you to determine the estimated costs in the shortest possible time.
- **Benefit from helpful additional information –** e.g. in the form of 2D and 3D models which you can use directly for your machine programming.
- **CO_2 values for your application –** divided according to machining operation and machine basic load.

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

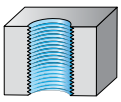
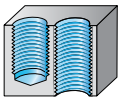
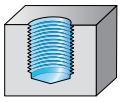
RESULT



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

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

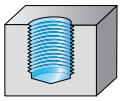
Solid carbide taps

Machining					
Thread depth	2 x D_N	2 x D_N	2 x D_N	3 x D_N	1,5 x D_N
					
Designation	Prototex® HSC	TC388 Supreme	TC389 Supreme	Paradur® HS	Paradur® N
Thread type					
M	✔	✔	✔	✔	✔
MF	✔			✔	
UNC / UNF / UN-8				✔	
G / Rc / Rp		✔			
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX / NORMAL	6HX	2B / 6H	6H
Coolant supply		External	External	External	External
Chamfer form	B	C	D	C	C
Coating / grade	TICN	WJ30TU	WE10TU	TICN / uncoated	TICN / uncoated
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●●				●●
M Stainless steel					
K Cast iron	●●			●	●●
N NF metals				●●	●●
S Materials with difficult cutting properties		●	●	●	
H Hard materials		●●	●●	●	
O Other				●●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	prototex-hsc	TC388	TC389	paradur-hs	paradur-n

WALTER SELECT

●● Primary application ● Other application

Solid carbide taps

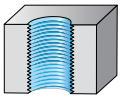
Machining					
					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	Paradur® HSC	Paradur® Engine	Paradur® HS	Paradur® GG	Paradur® N
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔		✔	
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX	6H	6HX	6H
Coolant supply	axial	axial	axial	axial	axial
Chamfer form	C	E	C	C	C
Coating / grade	TICN	uncoated	TICN	TAFT / uncoated	uncoated
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●●				
M Stainless steel					
K Cast iro	●●	●●	●	●●	●●
N NF metals		●●	●●	●	●●
S Materials with difficult cutting properties			●		
H Hard materials	●●		●		
O Other			●●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-hsc	paradur-engine	paradur-hs	paradur-gg	paradur-n

WALTER SELECT

●● Primary application ● Other application

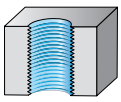
C1

HSS-E (-PM) taps

Machining					
Thread depth	1 x D_N	1 x D_N	1 x D_N	2 x D_N	2 x D_N
					
Designation	AMB	MMB	Prototex® OS	Prototex® TiNi	Prototex® TiNi Plus
Thread type					
M	✔	✔	✔	✔	✔
MF				✔	✔
UNC / UNF / UN-8				✔	
G / Rc / Rp					
MJ / UNJC / UNJF					✔
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape				✔	
Tolerance	7G	6H	6H	2B / 3B / 4H / 4HX / 6HX	3B / 4H / 6HX
Coolant supply	External	External	External	External	External
Chamfer form	18 P		B	B	B
Coating / grade	TIN	uncoated	uncoated	TICN / uncoated	ACN
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●	●●	
M Stainless steel				●●	
K Cast iron					
N NF metals			●	●	
S Materials with difficult cutting properties				●●	●●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	amb	mmb	prototex-os	prototex-tini	prototex-tini-plus

WALTER SELECT ●● Primary application ● Other application

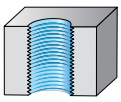
HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	TMB	KMB H	Paradur® N	Prototex® Megasprint	Prototex® Sprint
Thread type					
M		✔	✔	✔	✔
MF					✔
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr	✔	✔			
Indexable inserts basic shape					
Tolerance	7H	6H / NORMAL	6H	6H	6H
Coolant supply	External	External	External	radial	External
Chamfer form	24 P	B	D	B	B
Coating / grade	uncoated	uncoated	uncoated	TIN	TICN / TIN
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●	●	●
M Stainless steel				●	●
K Cast iron	●●	●●	●●		
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●			
Page in catalogue					
QR code					
www.walter-tools.com/woc/	tmb	kmb-h	paradur-n	prototex-megasprint	prototex-sprint

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

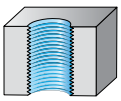
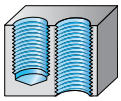
Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Prototex® Synchrospeed	Prototex® X·pert M	Prototex® X·pert N	Prototex® X·pert P	Prototex® X·pert P AZ
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔		✔	
UNC / UNF / UN-8		✔		✔	
G / Rc / Rp		✔		✔	
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr				✔	
Indexable inserts basic shape		✔		✔	
Tolerance	6HX	2B / 3B / 5HX / 6GX / 6HMOD / 6HX / NORMAL	6H	2B / 3B / 4H / 6G / 6H / 6HMOD / 7G / MEDIUM / NORMAL	6H
Coolant supply	External	External	External	External	External
Chamfer form	B	B	B	B	B
Coating / grade	THL / TIN	TICN / TIN / VAP	uncoated	TICN / TIN / uncoated	uncoated
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●	●		●●	●●
M Stainless steel	●●	●●			
K Cast iron	●●			●●	●●
N NF metals	●●		●●	●●	●●
S Materials with difficult cutting properties	●●		●		
H Hard materials					
O Other	●●		●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	prototex-synchrospeed	prototex-xpert-m	prototex-xpert-n	prototex-xpert-p	prototex-xpert-p-az

C1

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

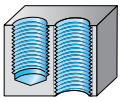
Machining					
Thread depth	3 x D_N	3,5 x D_N	3,5 x D_N	1,5 x D_N	2 x D_N
					
Designation	Thread·tec™ Omni	Prototex® Eco Plus	TC216 Perform	Paradur® H	HGB
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔	✔	✔	
UNC / UNF / UN-8		✔	✔		
G / Rc / Rp		✔		✔	
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	4HX / 5HX / 6G / 6GX / 6H / 6HX / 7GX	2B / 6GX / 6HX / NORMAL	2B / 6H	6H / NORMAL	6H
Coolant supply	External	External / radial	External	External	External
Chamfer form	B	B	B	C	C
Coating / grade	WY80AA / WY80FC / WY80RG	THL / TIN	WY80AA / WY80FC	TIN / uncoated	uncoated
Cutting tool material	HSS-E	HSS-E-PM	HSS-E	HSS-E	HSS
P Steel	●●	●●	●●		●
M Stainless steel	●●	●●	●●		
K Cast iron	●●	●●	●●	●	●
N NF metals	●●	●●	●●	●●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other				●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TD217	prototex-eco-plus	TC216	paradur-h	hgb

WALTER SELECT

●● Primary application ● Other application

C1

HSS-E (-PM) taps

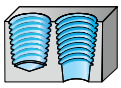
Machining					
Thread depth	2 x D_N	2 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	HGB Inox	HGB Ti	KMB Ms	Paradur® Eco CI	Paradur® X·pert K
Thread type					
M	✔	✔	✔	✔	✔
MF				✔	
UNC / UNF / UN-8				✔	
G / Rc / Rp			✔	✔	
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX	6H / NORMAL	2B / 6HX / NORMAL	6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	E / F	C / E	C
Coating / grade	VAP	NID	uncoated	NID / TICN	TAFT
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●				
M Stainless steel	●				
K Cast iron				●●	●●
N NF metals			●●	●●	●
S Materials with difficult cutting properties		●			
H Hard materials					
O Other			●	●●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	hgb-inox	hgb-ti	kmb-ms	paradur-eco-ci	paradur-xpert-k

C1

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

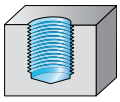
Machining					
Thread depth					
					
Designation	Paradur Inox®	Paradur Inox® 40	Paradur® H	Paradur® N	Paradur® Ni
Thread type					
M					
MF					
UNC / UNF / UN-8					
G / Rc / Rp			✔		
MJ / UNJC / UNJF					
NPT / NPTF	✔	✔	✔	✔	✔
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	THL / VAP	uncoated	uncoated	VAP	TICN / uncoated
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●	●●		●●	●
M Stainless steel	●●	●●			
K Cast iron	●	●	●	●●	
N NF metals		●	●●	●●	
S Materials with difficult cutting properties					●●
H Hard materials					
O Other			●		
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-inox	paradur-inox-40	paradur-h	paradur-n	paradur-ni

WALTER SELECT

●● Primary application ● Other application

C1

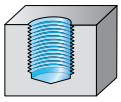
HSS-E (-PM) taps

Machining					
Thread depth	1,5 x D_N	1,5 x D_N	1,5 x D_N	1,5 x D_N	1,5 x D_N
					
Designation	Paradur Inox® 25	Paradur® N	Paradur® Ni	Paradur® Ni 10	TC122 Supreme
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔		✔	
UNC / UNF / UN-8		✔	✔		
G / Rc / Rp	✔	✔			
MJ / UNJC / UNJF				✔	
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape			✔		
Tolerance	6HX / NORMAL	2B / 3B / 6G / 6H / NORMAL	2B / 3B / 4H / 4HX / 6HX	3B / 4H / 6HX	6HX
Coolant supply	External	External	External	External	External
Chamfer form	E	C	C	C	C
Coating / grade	TIN	TICN / TIN / uncoated	TICN / uncoated	TIN / uncoated	WW60BC
Cutting tool material	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron		●●	●●		●
N NF metals		●●	●	●	
S Materials with difficult cutting properties			●●	●●	
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-inox-25	paradur-n	paradur-ni	paradur-ni-10	TC122

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

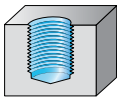
Machining					
Thread depth	2 x D_N	2 x D_N	2,5 x D_N	2,5 x D_N	2,5 x D_N
					
Designation	Paradur® Ti	Paradur® Ti Plus	Paradur® STE	Paradur® Synchrospeed	Paradur® X·pert M
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔	✔	✔	✔
UNC / UNF / UN-8	✔				✔
G / Rc / Rp			✔	✔	✔
MJ / UNJC / UNJF	✔	✔			
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape	✔				✔
Tolerance	2B / 3B / 4H / 6HX	3B / 4H / 6HX	6HX / NORMAL	6HX / NORMAL	2B / 3B / 6GX / 6HMOD / 6HX / NORMAL
Coolant supply	External	External	External	External / axial	External
Chamfer form	C	C	E	C	C
Coating / grade	TICN / uncoated	ACN	THL / uncoated	THL / TIN/VAP	THL / TICN / TIN / VAP
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E	HSS-E
P Steel	●●		●	●●	●
M Stainless steel			●	●●	●●
K Cast iron			●	●●	
N NF metals	●		●	●	
S Materials with difficult cutting properties	●●	●●		●	
H Hard materials					
O Other				●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-ti	paradur-ti-plus	paradur-ste	paradur-synchrospeed	paradur-xpert-m

C1

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

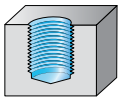
Machining					
					
Thread depth	2,5 x D_N	2,5 x D_N	2,5 x D_N	3 x D_N	3 x D_N
					
Designation	TC121 Supreme	TC122 Supreme	Thread·tec™ Omni	Paradur® Eco CI	Paradur® Eco Plus
Thread type					
M	✔	✔	✔	✔	✔
MF			✔	✔	✔
UNC / UNF / UN-8					✔
G / Rc / Rp					✔
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape			✔		
Tolerance	6HX	6HX	6GX / 6HMOD / 6HX	6HX	2B / 6GX / 6HX / NORMAL
Coolant supply	External / axial	axial	External	axial / radial	External / axial / radial
Chamfer form	C	C	C / E	C / E	C / E
Coating / grade	WW60RG / WY80BD	WW60BC	WY80AA / WY80FC / WY80RG	TICN	THL / TIN
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●		●●
M Stainless steel	●		●●		●●
K Cast iron	●	●	●●	●●	●●
N NF metals	●		●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other				●●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC121	TC122	TD117	paradur-eco-ci	paradur-eco-plus

WALTER SELECT

●● Primary application ● Other application

C1

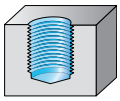
HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Paradur® Uni	Paradur® WLM Synchrospeed	Paradur® X·pert N	Paradur® X·pert P	Paradur® X·pert P AZ
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔	✔	
UNC / UNF / UN-8			✔	✔	
G / Rc / Rp	✔		✔	✔	
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr				✔	
Indexable inserts basic shape			✔	✔	
Tolerance	6G / 6H / NORMAL	6H	2B / 3B / 6G / 6H / 6HMOD / NORMAL	2B / 3B / 4H / 6G / 6H / 6HMOD / 7G / MEDIUM / NORMAL	6H
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	TIN / VAP / uncoated	CRN / uncoated	uncoated	THL / TIN / uncoated	uncoated
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●	●		●●	●●
M Stainless steel					
K Cast iron	●				
N NF metals	●	●●	●●	●	●
S Materials with difficult cutting properties		●●	●		
H Hard materials					
O Other		●●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-uni	paradur-wlm-synchrospeed	paradur-xpert-n	paradur-xpert-p	paradur-xpert-p-az

WALTER SELECT ●● Primary application ● Other application

C1

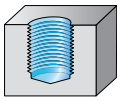
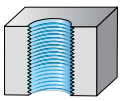
HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	TC115 Perform	TC120 Supreme	TC142 Supreme	Paradur® NH	Paradur® Short Chip HT
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔		✔
UNC / UNF / UN-8	✔				
G / Rc / Rp			✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	2B / 6H	6HX	6HX / NORMAL	6H	6HX
Coolant supply	External	External / axial	External	axial	axial
Chamfer form	C / E	C	C	C	C
Coating / grade	WY80AA / WY80FC	WW60AG	WW60RB / WY80FC	TIN / uncoated	THL / uncoated
Cutting tool material	HSS-E	HSS-E-PM	HSS-E / HSS-E-PM	HSS-E	HSS-E
P Steel	●●	●●	●	●●	●●
M Stainless steel	●●		●●		
K Cast iron	●●			●●	●
N NF metals	●	●		●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other				●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC115	TC120	TC142	paradur-nh	paradur-short-chip-ht

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

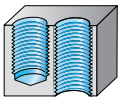
Machining			
Thread depth	3,5 x D_N	3 x D_N	3 x D_N
			
Designation	TC130 Supreme	TC115 Perform	TC216 Perform
Thread type			
M	✔	✔	✔
MF	✔		
UNC / UNF / UN-8	✔		
G / Rc / Rp			
MJ / UNJC / UNJF			
NPT / NPTF			
Pg / BSW / Tr			
Indexable inserts basic shape			
Tolerance	2B / 6HX	6H	6H
Coolant supply	axial	External	External
Chamfer form	C	C	B
Coating / grade	WY80AA / WY80EH	WY80AA / WY80FC	WY80AA / WY80FC
Cutting tool material	HSS-E	HSS-E	HSS-E
P Steel	●●	●●	●●
M Stainless steel		●●	●●
K Cast iron	●●	●●	●●
N NF metals	●	●	●●
S Materials with difficult cutting properties			
H Hard materials			
O Other	●		
Page in catalogue			
QR code			
www.walter-tools.com/woc/	TC130	TC115	TC216

C1

WALTER SELECT

●● Primary application ● Other application

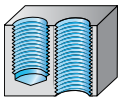
HSS-E and solid carbide thread formers

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Protodyn® Eco LM	Protodyn® C	TC410 Advance	TC420 Supreme	TC430 Supreme
Thread type					
M	✔	✔	✔	✔	✔
MF					
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6GX / 6HX	6GX / 6HX / 7GX	6GX / 6HX	6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C / D	C	C
Coating / grade	CRN	NID / uncoated	WY80AD	WW60AD / WW60BA	WW60EL
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●	●	●●	●●	●●
M Stainless steel			●●	●	●
K Cast iron			●	●	●
N NF metals	●●		●●	●●	●
S Materials with difficult cutting properties	●●		●	●	
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	protodyn-eco-lm	protodyn-c	TC410	TC420	TC430

WALTER SELECT ●● Primary application ● Other application

C2

HSS-E and solid carbide thread formers

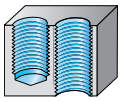
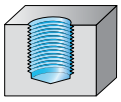
Machining					
Thread depth	3 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	TC470 Supreme	Protodyn® S Synchrospeed	Protodyn® SC	Protodyn® SF	TC410 Advance
Thread type					
M	✔	✔	✔	✔	✔
MF		✔		✔	✔
UNC / UNF / UN-8					✔
G / Rc / Rp				✔	✔
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX	6GX / 6HX	6HX / NORMAL	2BX / 6GX / 6HX / 7GX / NORMAL
Coolant supply	External	External / radial	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	WG20EL	TICN / TIN	NID / uncoated	TICN	WY80AD
Cutting tool material	VHM	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●	●●	●	●●	●●
M Stainless steel		●●		●●	●●
K Cast iron	●				●
N NF metals	●	●●	●	●●	●●
S Materials with difficult cutting properties		●		●	●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC470	protodyn-s-synchrospeed	protodyn-sc	protodyn-sf	TC410

C2

WALTER SELECT

●● Primary application ● Other application

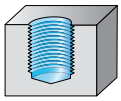
HSS-E and solid carbide thread formers

Machining					
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	TC420 Supreme	TC430 Supreme	TC440 Supreme	TC470 Supreme	TC410 Advance
Thread type					
M	✔	✔	✔	✔	
MF	✔	✔	✔	✔	✔
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6GX / 6HX	6GX / 6HX	6HX	6HX	6GX
Coolant supply	External / radial	External / radial	External / radial	External / radial	External
Chamfer form	C	C	C	C	E
Coating / grade	WW60AD / WW60BA	WW60AD / WW60EL	WY80AD	WG20EL	WY80AD
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	VHM	HSS-E
P Steel	●●	●●	●	●●	●●
M Stainless steel	●●	●	●●		●
K Cast iron	●	●		●	●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●		●		●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC420	TC430	TC440	TC470	TC410

WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

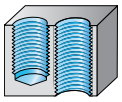
Machining				
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
				
Designation	TC420 Supreme	TC430 Supreme	TC440 Supreme	TC470 Supreme
Thread type				
M	✔	✔	✔	✔
MF	✔	✔		
UNC / UNF / UN-8				
G / Rc / Rp				
MJ / UNJC / UNJF				
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape				
Tolerance	6GX / 6HX	6HX	6HX	6HX
Coolant supply	External / axial	axial	axial	axial
Chamfer form	C / E	C	C	C / E
Coating / grade	WW60AD / WW60BA	WW60AD / WW60EL	WY80AD	WG20EL
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	VHM
P Steel	●●	●●	●	●●
M Stainless steel	●●	●	●●	
K Cast iron	●	●		●
N NF metals	●●	●	●	●
S Materials with difficult cutting properties	●		●	
H Hard materials				
O Other				
Page in catalogue				
QR code				
www.walter-tools.com/woc/	TC420	TC430	TC440	TC470

C2

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters without countersink

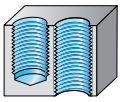
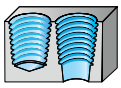
Machining					
Thread depth	1,5 x D_N	1,5 x D_N	2 x D_N	2 x D_N	2 x D_N
					
Designation	TC610 Supreme	TMG Ni	TC611 Supreme	TC620 Supreme	TME
Thread type					
M	✔		✔	✔	✔
MF	✔		✔	✔	✔
UNC / UNF / UN-8	✔		✔	✔	
G / Rc / Rp	✔			✔	
MJ / UNJC / UNJF		✔			
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape	✔	✔	✔	✔	✔
Additional services	R	R	R	R	R
Coolant supply	External / axial	External / axial	External / axial	axial	External
Coating / grade	WB10RD / WJ30RC	TICN	WB10RD / WJ30RC	WB10TJ	TICN
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●		●●	●●	●●
N NF metals	●●	●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC610	tmg-ni	TC611	TC620	tme

C3

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters without countersink

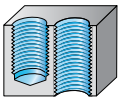
Machining			
Thread depth	2,5 x D_N	3 x D_N	
			
Designation	TC620 Supreme	TC620 Supreme	TMG
Thread type			
M	✔	✔	
MF	✔	✔	
UNC / UNF / UN-8	✔		
G / Rc / Rp			
MJ / UNJC / UNJF			
NPT / NPTF			✔
Pg / BSW / Tr			
Indexable inserts basic shape	✔	✔	
Additional services	R	R	
Coolant supply	axial	axial	External
Coating / grade	WB10TJ	WB10TJ	TICN
Cutting tool material	VHM	VHM	VHM
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials			
O Other	●	●	●
Page in catalogue			
QR code			
www.walter-tools.com/woc/	TC620	TC620	tmg

C3

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters with countersink

Machining			
Thread depth	2 x D_N	2 x D_N	
	NEW		
			
Designation	TC620 Supreme	TMC	
Thread type			
M	✔	✔	
MF	✔	✔	
UNC / UNF / UN-8	✔		
G / Rc / Rp	✔		
MJ / UNJC / UNJF			
NPT / NPTF			
Pg / BSW / Tr			
Indexable inserts basic shape	✔	✔	
Additional services	R	R	
Coolant supply	axial	External / axial	
Coating / grade	WB10TJ	TICN / uncoated	
Cutting tool material	VHM	VHM	
P Steel	●●	●●	
M Stainless steel	●●	●●	
K Cast iron	●●	●●	
N NF metals	●●	●●	
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other	●	●	
Page in catalogue	263		
QR code			
www.walter-tools.com/woc/	TC620	tmc	

C3

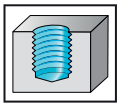
WALTER SELECT ●● Primary application ● Other application

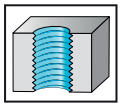
Multiple-row thread milling cutters

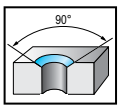
TC620 Supreme mm

– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

M-MF
DIN 13





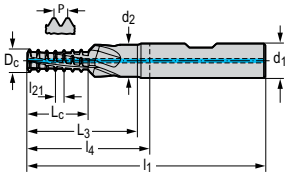


≤ 2×D_N

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
★ TC620-M3-WCD-	M 3	0,5	2,3	1	6	11,5	16	52	3,4	6	3	☺



DIN 6535 HB

Ordering example for the grade WB10TJ: TC620-M3-WCD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

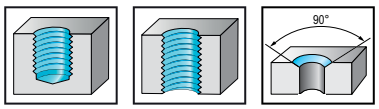
☺ 😐 ☹ / ★ = New addition to the product range

Multiple-row thread milling cutters

TC620 Supreme mm

– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

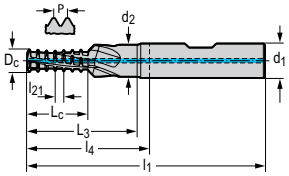
M-MF
DIN 13



≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
★ TC620-M4-WVD-	M 4	0,7	3,1	1,4	8,4	15,7	21	57	4,6	6	3	☹
★ TC620-M5-WVD-	M 5	0,8	3,9	1,6	10,4		21	57		6	3	☹
★ TC620-M6-WVD-	M 6	1	4,7	2	12	22,9	27	63	6,8	8	4	☹
★ TC620-M8-WVD-	M 8	1,25	6,3	2,5	16,3	30,7	32	72	9	10	4	☹
★ TC620-M10-WVD-	M 10	1,5	7,9	3	21	22,1	38	83	11,2	12	4	☹
★ TC620-M12-WVD-	M 12	1,75	9,6	3,5	24,5	45,9	50	95	13,4	14	4	☹
★ TC620-M14-WVD-	M 14	2	11,2	4	28		57	105		16	4	☹
★ TC620-M16-WVD-	M 16	2	13,1	4	32		59	107		18	5	☹
★ TC620-M18-WVD-	M 18	2,5	14,5	5	37,5		75	125		20	5	☹
★ TC620-M20-WVD-	M 20	2,5	16,4	5	40	75,2	84	140	22	25	5	☹

Ordering example for the grade WB10TJ: TC620-M10-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

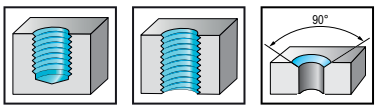
New addition to the product range = ☺ 😐 ☹ / ★

Multiple-row thread milling cutters

TC620 Supreme mm

– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

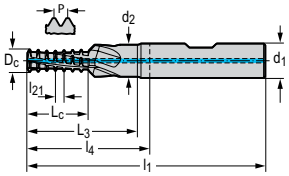
MF
DIN 13



≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
★ TC620-M4X0.5-WVD-	MF 4X0.5	0,5	3,2	1	8	15,1	21	57	4,4	6	4	☺
★ TC620-M6X0.5-WVD-	MF 6X0.5	0,5	5,1	1	12	22,3	27	63	6,4	8	5	☺
★ TC620-M6X0.75-WVD-	MF 6X0.75	0,75	4,9	1,5	12	22,6	27	63	6,6	8	4	☺
★ TC620-M8X0.75-WVD-	MF 8X0.75	0,75	6,8	1,5	16,5	30,3	32	72	8,6	10	5	☺
★ TC620-M8X1-WVD-	MF 8X1	1	6,5	2	16	30,1	32	72	8,8	10	4	☺
★ TC620-M10X0.5-WVD-	MF 10X0.5	0,5	8,9	1	20	36,7	38	83	10,4	12	6	☺
★ TC620-M10X1-WVD-	MF 10X1	1	8,4	2	20	37,3	38	83	10,8	12	5	☺
★ TC620-M10X1.25WVD-	MF 10X1.25	1,25	8,2	2,5	20	37,6	38	83	11	12	5	☺
★ TC620-M12X1-WVD-	MF 12X1	1	10,3	2	24	44,5	50	95	12,8	14	6	☺
★ TC620-M12X1.25WVD-	MF 12X1.25	1,25	10	2,5	25	45,8	50	95	13	14	5	☺
★ TC620-M12X1.5-WVD-	MF 12X1.5	1,5	9,8	3	24	45,1	50	95	13,2	14	5	☺
★ TC620-M14X1-WVD-	MF 14X1	1	12,2	2	28	51,7	57	105	14,8	16	6	☺
★ TC620-M14X1.5-WVD-	MF 14X1.5	1,5	11,7	3	28,5	52,8	57	105	15,2	16	5	☺
★ TC620-M16X1-WVD-	MF 16X1	1	14,1	2	32	58,9	62	110	16,8	18	6	☺
★ TC620-M16X1.5-WVD-	MF 16X1.5	1,5	13,6	3	33	60,5	64	112	17,2	18	6	☺
★ TC620-M18X1-WVD-	MF 18X1	1	15,9	2	36	66,1	75	125	18,8	20	6	☺
★ TC620-M18X1.5-WVD-	MF 18X1.5	1,5	15,5	3	36	66,7	75	125	19,2	20	6	☺
★ TC620-M20X1.5-WVD-	MF 20X1.5	1,5	17,3	3	40,5	74,4	80	136	21,2	25	7	☺

Ordering example for the grade WB10TJ: TC620-M10X0.5-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

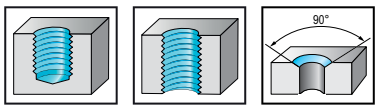
☺ 😐 ☹ / ★ = New addition to the product range

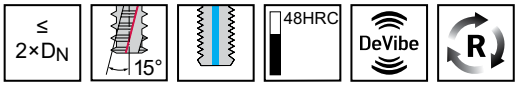
Multiple-row thread milling cutters

TC620 Supreme mm

– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

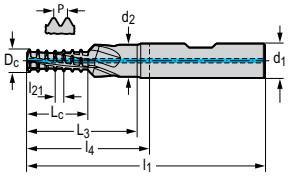
UNC
ASME B1.1





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
★ TC620-UNC8-WVD-	UNC #8-32	32	3,1	1,59	8,7	16,4	21	57	4,8	6	3	☹
★ TC620-UNC10-WVD-	UNC #10-24	24	3,5	2,12	10,6		21	57		6	3	☹
★ TC620-UNC1/4-WVD-	UNC 1/4-20	20	4,7	2,54	12,7	24,5	27	63	7,4	8	3	☹
★ TC620-UNC5/16-WVD-	UNC 5/16-18	18	6,1	2,82	16,9	31,4	32	72	9	10	4	☹
★ TC620-UNC3/8-WVD-	UNC 3/8-16	16	7,4	3,18	19,1	36,3	38	83	10,8	12	4	☹
★ TC620-UNC7/16-WVD-	UNC 7/16-14	14	8,7	3,63	23,6	43,7	50	95	12,5	14	4	☹
★ TC620-UNC1/2-WVD-	UNC 1/2-13	13	10,1	3,91	25,4	48,2	54	102	14,2	16	4	☹
★ TC620-UNC9/16-WVD-	UNC 9/16-12	12	11,4	4,23	29,6		59	107		16	4	☹
★ TC620-UNC5/8-WVD-	UNC 5/8-11	11	12,7	4,62	32,3		59	107		18	4	☹
★ TC620-UNC3/4-WVD-	UNC 3/4-10	10	15,5	5,08	38,1	71,8	79	135	21	25	5	☹
★ TC620-UNC7/8-WVD-	UNC 7/8-9	9	18,2	5,64	45,2	84,3	89	145	24,4	25	5	☹

Ordering example for the grade WB10TJ: TC620-UNC1/2-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

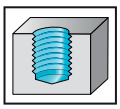
New addition to the product range = ☺ 😐 ☹ / ★

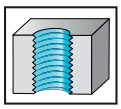
Multiple-row thread milling cutters

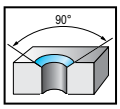
TC620 Supreme mm

– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNF
ASME B1.1



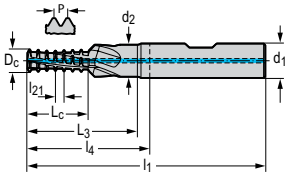




≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
★ TC620-UNF10-WVD-	UNF #10-32	32	3,7	1,59	10,3	19,1	21	57	5,5	6	3	☺
★ TC620-UNF1/4-WVD-	UNF 1/4-28	28	5,1	1,81	12,7	24	27	63	7,1	8	4	☺
★ TC620-UNF5/16-WVD-	UNF 5/16-24	24	6,4	2,12	15,9	30	32	72	8,8	10	4	☺
★ TC620-UNF3/8-WVD-	UNF 3/8-24	24	7,9	2,12	19,1	35,7	38	83	10,4	12	5	☺
★ TC620-UNF7/16-WVD-	UNF 7/16-20	20	9,2	2,54	22,9	42,3	47	92	12,1	14	5	☺
★ TC620-UNF1/2-WVD-	UNF 1/2-20	20	10,7	2,54	25,4		50	95		14	5	☺
★ TC620-UNF9/16-WVD-	UNF 9/16-18	18	12,1	2,82	29,6	54,3	59	107	15,4	16	5	☺
★ TC620-UNF5/8-WVD-	UNF 5/8-18	18	13,5	2,82	32,5	59,7	62	112	17	18	6	☺
★ TC620-UNF3/4-WVD-	UNF 3/4-16	16	16,4	3,18	38,1		79	135		25	6	☺

Ordering example for the grade WB10TJ: TC620-UNF1/2-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

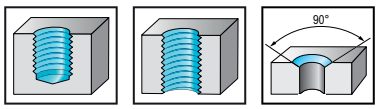
☺ 😐 ☹ / ★ = New addition to the product range

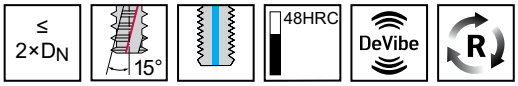
Multiple-row thread milling cutters

TC620 Supreme mm

– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

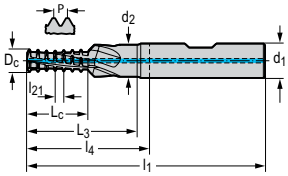
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
★ TC620-G1/16-WVD-	G 1/16-28	28	6,4	1,81	15,4	29	32	72	8,4	10	5	☹
★ TC620-G1/8-WVD-	G 1/8-28	28	8,2	1,81	20	36,7	38	83	10,4	12	5	☹
★ TC620-G1/4-WVD-	G 1/4-19	19	11,1	2,67	26,7	49,5	54	102	14,2	16	5	☹
★ TC620-G3/8-WVD-	G 3/8-19	19	14,4	2,67	33,4		59	107		18	6	☹
★ TC620-G1/2-WVD-	G 1/2-14	14	17,9	3,63	43,5	79,4	84	140	22,4	25	6	☹

Ordering example for the grade WB10TJ: TC620-G1/16-WVD-WB10TJ

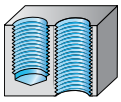
C3

WALTER SELECT

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

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

Drill thread milling cutters

Machining					
Thread depth	2 x D_N	2 x D_N	2 x D_N	2,5 x D_N	2,5 x D_N
			NEW		
					
Designation	TC685 Supreme	TMD	Thrill·tec®	TC685 Supreme	Thrill·tec®
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔	✔	✔
UNC / UNF / UN-8			✔		✔
G / Rc / Rp	✔		✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape	✔		✔	✔	✔
Additional services					
Coolant supply	External / axial	axial	axial	External / axial	axial
Coating / grade	WB10RC	NHC / TAX	WB10TJ	WB10RC	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●		●●	●	●●
M Stainless steel			●●		●●
K Cast iron	●	●●	●●	●	●●
N NF metals		●●	●●		●●
S Materials with difficult cutting properties	●		●●	●	●●
H Hard materials	●●			●●	
O Other			●		●
Page in catalogue			270		271
QR code					
www.walter-tools.com/woc/	TC685	tmd	TC645	TC685	TC645

C3

WALTER SELECT

●● Primary application ● Other application

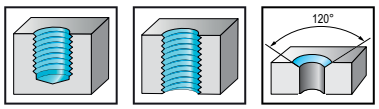
Orbital drill thread milling cutter

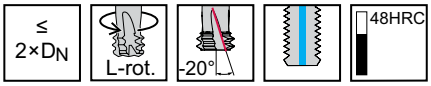
TC645 Supreme mm

Thrill·tec®

– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

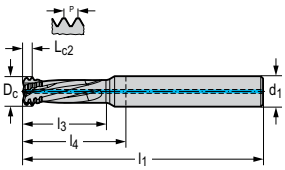
M-MF
DIN 13





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-M4-A1D-	M 4	0,7	3,05	1,12	8	50	14	6	4	☺
TC645-M5-A1D-	M 5	0,8	3,9	1,29	10	50	14	6	4	☺
TC645-M6-A1D-	M 6	1	4,5	1,6	12	50	14	6	4	☺
TC645-M8-A1D-	M 8	1,25	6,2	2,01	16	63	27	8	4	☺
TC645-M10-A1D-	M 10	1,5	7,8	2,22	20	63	27	8	4	☺
TC645-M12-A1D-	M 12	1,75	8,7	2,83	24	72	32	10	4	☺
TC645-M14-A1D-	M 14	2	10,2	3,24	28	83	38	12	4	☺
TC645-M16-A1D-	M 16	2	12	3,27	32	83	38	12	4	☺
TC645-M20-A1D-	M 20	2,5	14,9	4,09	40	105	57	16	4	☺

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC645-M8.. /6.2 mm × 1.94 = 12.03 mm/MF 12×1.25 possible | Ordering example for the grade WB10TJ: TC645-M10-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

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

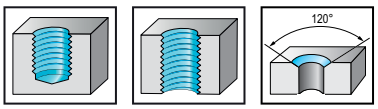
Orbital drill thread milling cutter

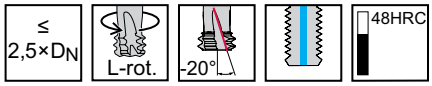
TC645 Supreme mm

Thrill·tec®

– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

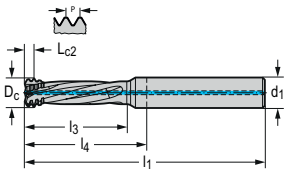
M-MF
DIN 13





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-M4-A1E-	M 4	0,7	3,05	1,12	10	50	14	6	4	☺
TC645-M5-A1E-	M 5	0,8	3,9	1,29	12,5	57	21	6	4	☺
TC645-M6-A1E-	M 6	1	4,5	1,6	15	57	21	6	4	☺
TC645-M8-A1E-	M 8	1,25	6,2	2,01	20	63	27	8	4	☺
TC645-M10-A1E-	M 10	1,5	7,8	2,42	25	63	27	8	4	☺
TC645-M12-A1E-	M 12	1,75	8,7	2,83	30	72	33	10	4	☺
TC645-M14-A1E-	M 14	2	10,2	3,24	35	100	55	12	4	☺
TC645-M16-A1E-	M 16	2	12	3,27	40	100	55	12	4	☺
TC645-M20-A1E-	M 20	2,5	14,9	4,09	50	107	59	16	4	☺

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC645-M8.. /6.2 mm × 1.94 = 12.03 mm/MF 12×1.25 possible | Ordering example for the grade WB10TJ: TC645-M10-A1E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

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

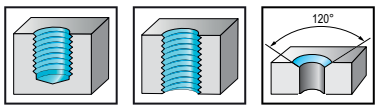
Orbital drill thread milling cutter

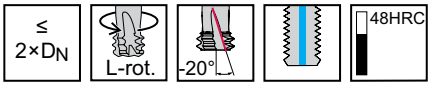
TC645 Supreme mm

Thrill·tec®

– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

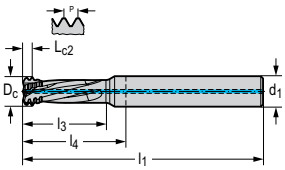
MF
DIN 13





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
★ TC645-M4X0.5-A1D-	MF 4X0.5	0,5	3,25	0,82	8	50	14	6	4	☺
★ TC645-M6X0.75-A1D-	MF 6X0.75	0,75	4,8	1,23	12	52	16	6	4	☺
★ TC645-M8X1-A1D-	MF 8X1	1	6,4	1,63	16	63	27	8	4	☺
★ TC645-M10X1-A1D-	MF 10X1	1	8,2	1,66	20	63	27	8	4	☺
★ TC645-M10X1.25A1D-	MF 10X1.25	1,25	8	2,04	20	63	27	8	4	☺
★ TC645-M12X1-A1D-	MF 12X1	1	9,4	1,69	24	72	32	10	4	☺
★ TC645-M12X1.25A1D-	MF 12X1.25	1,25	9,2	2,07	24	72	32	10	4	☺
★ TC645-M12X1.5-A1D-	MF 12X1.5	1,5	9	2,45	24	72	32	10	4	☺
★ TC645-M14X1.5-A1D-	MF 14X1.5	1,5	10,7	2,48	28	83	38	12	4	☺
★ TC645-M16X1.5-A1D-	MF 16X1.5	1,5	12,5	2,51	32	80	35	14	4	☺
★ TC645-M18X1.5-A1D-	MF 18X1.5	1,5	14,2	2,54	36	92	44	16	4	☺
★ TC645-M20X1.5-A1D-	MF 20X1.5	1,5	15,9	2,57	40	92	44	16	4	☺

Ordering example for the grade WB10TJ: TC645-M10X1-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

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

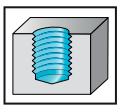
Orbital drill thread milling cutter

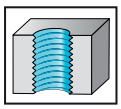
TC645 Supreme mm

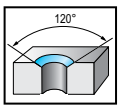
Thrill·tec®

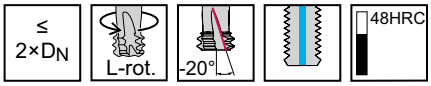
– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

UNC
ASME B1.1



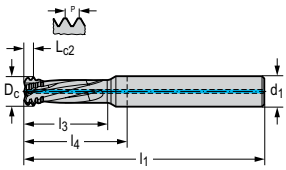






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNC8-A1D-	UNC #8-32	32	3,1	1,26	8,3	50	14	6	4	☺
TC645-UNC10-A1D-	UNC #10-24	24	3,5	1,67	9,7	50	14	6	4	☺
TC645-UNC1/4-A1D-	UNC 1/4-20	20	4,6	2,02	12,7	57	21	6	4	☺
TC645-UNC5/16-A1D-	UNC 5/16-18	18	5,9	2,25	15,9	57	21	6	4	☺
TC645-UNC3/8-A1D-	UNC 3/8-16	16	7,2	2,54	19,1	63	27	8	4	☺
TC645-UNC7/16-A1D-	UNC 7/16-14	14	8,5	2,91	22,2	72	32	10	4	☺
TC645-UNC1/2-A1D-	UNC 1/2-13	13	9,2	3,15	25,4	72	32	10	4	☺
TC645-UNC9/16-A1D-	UNC 9/16-12	12	10,4	3,42	28,6	83	38	12	4	☺
TC645-UNC5/8-A1D-	UNC 5/8-11	11	11,6	3,73	31,8	83	38	12	4	☺
TC645-UNC3/4-A1D-	UNC 3/4-10	10	14,1	4,13	38,1	105	57	16	4	☺

Ordering example for the grade WB10TJ: TC645-UNC1/2-A1D-WB10TJ

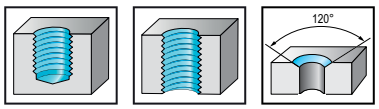
Orbital drill thread milling cutter

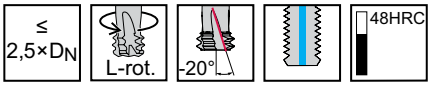
TC645 Supreme mm

Thrill·tec®

– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

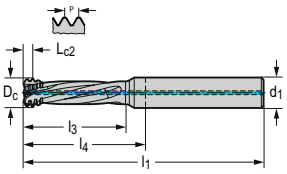
UNC
ASME B1.1





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNC8-A1E-	UNC #8-32	32	3,1	1,26	10,4	50	14	6	4	☹
TC645-UNC10-A1E-	UNC #10-24	24	3,5	1,67	12,1	57	21	6	4	☹
TC645-UNC1/4-A1E-	UNC 1/4-20	20	4,6	2,02	15,9	57	21	6	4	☹
TC645-UNC5/16-A1E-	UNC 5/16-18	18	5,9	2,25	19,8	57	22	6	4	☹
TC645-UNC3/8-A1E-	UNC 3/8-16	16	7,2	2,54	23,8	63	27	8	4	☹
TC645-UNC7/16-A1E-	UNC 7/16-14	14	8,5	2,91	27,8	72	32	10	4	☹
TC645-UNC1/2-A1E-	UNC 1/2-13	13	9,2	3,15	31,8	80	40	10	4	☹
TC645-UNC9/16-A1E-	UNC 9/16-12	12	10,4	3,42	35,7	100	55	12	4	☹
TC645-UNC5/8-A1E-	UNC 5/8-11	11	11,6	3,73	39,7	100	55	12	4	☹
TC645-UNC3/4-A1E-	UNC 3/4-10	10	14,1	4,13	47,6	107	59	16	4	☹

Ordering example for the grade WB10TJ: TC645-UNC1/2-A1E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

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

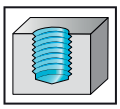
Orbital drill thread milling cutter

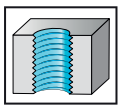
TC645 Supreme mm

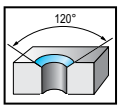
Thrill·tec®

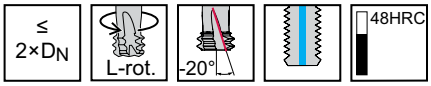
– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

UNF
ASME B1.1



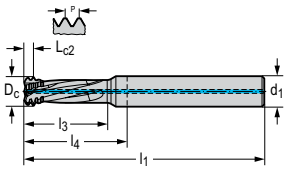






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
★ TC645-UNF8-A1D-	UNF #8-36	36	3,2	1,13	8,3	50	14	6	4	☺
★ TC645-UNF10-A1D-	UNF #10-32	32	3,75	1,27	9,7	50	14	6	4	☺
★ TC645-UNF1/4-A1D-	UNF 1/4-28	28	5	1,47	12,7	57	21	6	4	☺
★ TC645-UNF5/16-A1D-	UNF 5/16-24	24	6,3	1,72	15,9	63	27	8	4	☺
★ TC645-UNF3/8-A1D-	UNF 3/8-24	24	7,8	1,74	19,1	63	27	8	4	☺
★ TC645-UNF7/16-A1D-	UNF 7/16-20	20	8,95	2,09	22,2	72	32	10	4	☺
★ TC645-UNF1/2-A1D-	UNF 1/2-20	20	9,8	2,11	25,4	72	32	10	4	☺
★ TC645-UNF9/16-A1D-	UNF 9/16-18	18	11	2,35	28,6	83	38	12	4	☺
★ TC645-UNF5/8-A1D-	UNF 5/8-18	18	12,4	2,38	31,8	80	35	14	4	☺
★ TC645-UNF3/4-A1D-	UNF 3/4-16	16	15	2,69	38,1	92	44	16	4	☺

Ordering example for the grade WB10TJ: TC645-UNF1/2-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

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

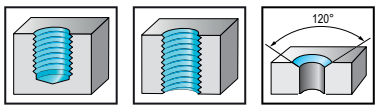
Orbital drill thread milling cutter

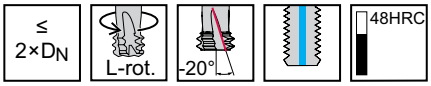
TC645 Supreme mm

Thrill·tec®

– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

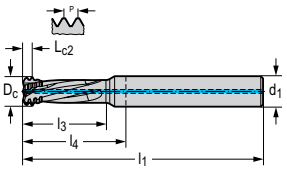
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-G1/16-A1D-	G 1/16-28	28	6,2	1,44	15,4	58	22	8	4	☺
TC645-G1/8-A1D-	G 1/8-28	28	8,05	1,46	19,5	64	24	10	4	☺
TC645-G1/4-A1D-	G 1/4-19	19	10,2	2,15	26,4	77	32	12	4	☺
TC645-G1/2-A1D-	G 1/2-14	14	16,4	2,95	41,9	105	57	18	4	☺

Ordering example for the grade WB10TJ: TC645-G1/16-A1D-WB10TJ

C3

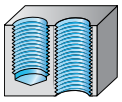
WALTER SELECT

●● Primary application ● Other application

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

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

Orbital thread milling cutters

Machining				
Thread depth	2 x D_N	2,5 x D_N	3 x D_N	4 x D_N
				
Designation	TC630 Supreme	TC630 Supreme	TC630 Supreme	TC630 Supreme
Thread type				
M	✔	✔	✔	✔
MF	✔	✔	✔	✔
UNC / UNF / UN-8	✔		✔	
G / Rc / Rp				
MJ / UNJC / UNJF			✔	
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	✔
Additional services				
Coolant supply	External / axial	External	External / axial	axial
Coating / grade	WB10RA / WB10TJ	WB10TJ	WB10RA / WB10TJ	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials				
O Other	●	●	●	●
Page in catalogue				
QR code				
www.walter-tools.com/woc/	TC630	TC630	TC630	TC630

C3

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters with indexable insert

Machining				
Thread depth	1,5 x D_N	2 x D_N	2,5 x D_N	3 x D_N
				
Designation	T2710	T2711	T2712	T2713
Thread type				
M	✔	✔	✔	✔
MF	✔	✔	✔	✔
UNC / UNF / UN-8	✔	✔	✔	✔
G / Rc / Rp			✔	✔
MJ / UNJC / UNJF				
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	✔
Additional services				
Coolant supply	radial	radial	radial	radial
Coating / grade				
Cutting tool material	Steel	Steel	Steel	Steel
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials	●	●	●	●
O Other	●	●	●	●
Page in catalogue	280	284	292	294
QR code				
www.walter-tools.com/woc/	T2710	T2711	T2712	T2713

C3

WALTER SELECT

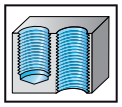
●● Primary application ● Other application

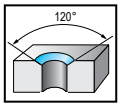
Indexable insert thread milling cutter

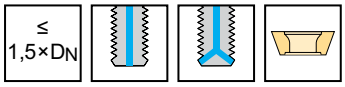
T2710 mm

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF
DIN 13

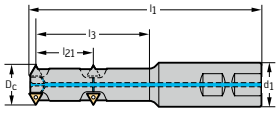
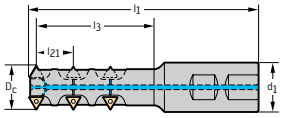






	P	M	K	N	S	H	O
T2710	●●	●●	●●	●	●●	●	●

Tool

	Designation	D_N	P_{max} mm	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B	T2710-17-W16-3-06-2-15	M 20	2,5	16,5	15	33	88	16	3	6	P26300-06 ..
 DIN 1835 B	T2710-19-W20-3-06-3-12	M 24	3	19	12	39,1	98	20	3	9	P26300-06 ..
	T2710-24-W25-3-09-3-14	M 30	3,5	24	14	49,5	117	25	3	9	P26300-09 ..
	T2710-29-W32-3-09-3-16	M 36	4	29	16	58,5	131	32	3	9	
	T2710-35-W32-3-11-3-18	M 42	4,5	35	18	68,5	139	32	3	9	P26300-11 ..
	T2710-40-W40-3-14-3-20	M 48	5	40	20	79	163	40	3	9	P26300-14 ..
	T2710-44-W40-3-14-3-22	M 56	5,5	44	22	91	174	40	3	9	
	T2710-52-W40-4-14-3-24	M 64	6	52	24	103	185	40	4	12	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

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

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

Assembly parts

D_c [mm]	16,5–19	24–29	35	40–52
Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

D_c [mm]	16,5–19	24–35	40–52
Torque screwdriver, analogue	FS2001	FS2001	FS2003
Torque screwdriver, digital			FS2248
Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☺	☺	☺	☺	☺	☺
P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐

HC = Coated carbide

C3

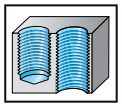
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

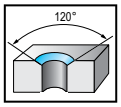
Indexable insert thread milling cutter

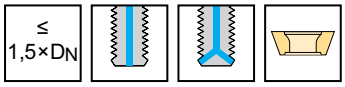
T2710 mm

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

UNC/UNF
UN
ASME B1.1

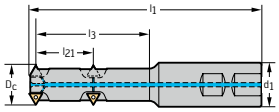
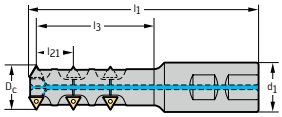






	P	M	K	N	S	H	O
T2710	●●	●●	●●	●	●●	●	●

Tool

	Designation	D_N	P_{max} T-Pl in	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B	T2710-18-W16-3-06-2-11.3	UNC 7/8-9	9	18	11,3	36,5	92	16	3	6	P26300-06 ..
 DIN 1835 B	T2710-20-W20-3-06-3-12.7	UNC 1-8	8	20	12,7	41,1	100	20	3	9	P26300-06 ..
	T2710-26-W25-3-09-3-12.7	UN 1.1/4-8	8	26	12,7	52,2	119	25	3	9	P26300-09 ..
	T2710-31-W32-3-09-3-19.1	UN 1.1/2-8	8	31	19,1	63,7	135	32	3	9	
	T2710-43-W40-4-09-3-25.4	UN 2-6	6	43	25,4	80,7	160	40	4	12	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C3

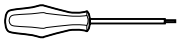
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

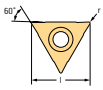
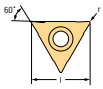
Assembly parts

	D_c [mm]	18–20	26–43
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm

Accessories

	D_c [mm]	18–20	26–43
	Torque screwdriver, analogue	FS2001	FS2001
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = Coated carbide

C3

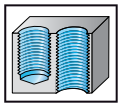
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

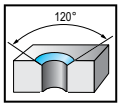
Indexable insert thread milling cutter

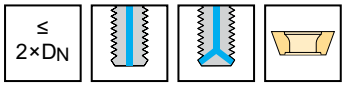
T2711 mm

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF
DIN 13

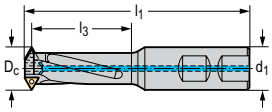
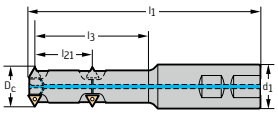
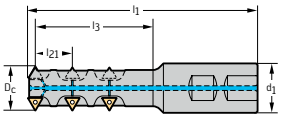






	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●

Tool

	Designation	D_N	P_{max} mm	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B	T2711-13-W16-1-06	M 16	2	13		35	92	16	1	1	P26300-06 ..
	T2711-15-W16-2-06	M 18	2,5	14,5		39	95	16	2	2	
 DIN 1835 B	T2711-17-W16-3-06-2-20	M 20	2,5	16,5	20	43	98	16	3	6	P26300-06 ..
	T2711-19-W20-3-06-2-24	M 24	3	19	24	51	110	20	3	6	
	T2711-24-W25-3-09-2-31.5	M 30	3,5	24	31,5	64,5	132	25	3	6	P26300-09 ..
	T2711-52-W40-4-14-2-60	M 64	6	52	60	135	217	40	4	8	P26300-14 ..
 DIN 1835 B	T2711-29-W32-3-09-3-24	M 36	4	29	24	72,1	149	32	3	9	P26300-09 ..
	T2711-35-W32-3-11-3-27	M 42	4,5	35	27	89,5	160	32	3	9	P26300-11 ..
	T2711-40-W40-3-14-3-30	M 48	5	40	30	103	187	40	3	9	P26300-14 ..
	T2711-44-W40-3-14-3-33	M 56	5,5	44	33	119	202	40	3	9	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

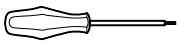
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

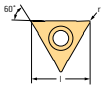
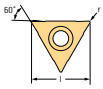
Assembly parts

	D_c [mm]	13–19	24–29	35	40–52
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	13–19	24–35	40–52
	Torque screwdriver, analogue	FS2001	FS2001	FS2003
	Torque screwdriver, digital			FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☺	☺	☺	☺	☺	☺
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐

HC = Coated carbide

C3

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

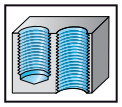
☺ 😐 ☹ / ★ = New addition to the product range

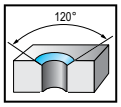
Indexable insert thread milling cutter

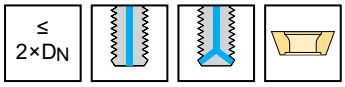
T2711 mm

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

UNC/UNF
UN
ASME B1.1

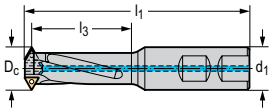
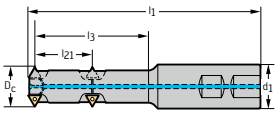
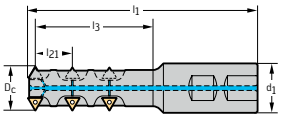






	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●

Tool

	Designation	D_N	P_{max} T-Pl in	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B	T2711-16-W16-2-06	UNC 3/4-10	10	15,5		41	97	16	2	2	P26300-06 ..
 DIN 1835 B	T2711-18-W16-3-06-2-25.4	UNC 7/8-9	9	18	25,4	47,5	103	16	3	6	P26300-06 ..
	T2711-20-W20-3-06-2-25.4	UNC 1-8	8	20	25,4	53,9	113	20	3	6	
	T2711-26-W25-3-09-2-32.7	UNC 1.1/4-7	7	26	32,7	68	135	25	3	6	P26300-09 ..
 DIN 1835 B	T2711-31-W32-3-09-3-25.4	UNC 1.1/2-6	6	31	25,4	80,7	153	32	3	9	P26300-09 ..

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

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

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

Assembly parts

D_c [mm]	15,5–20	26–31
Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm

Accessories

D_c [mm]	15,5–20	26–31
Torque screwdriver, analogue	FS2001	FS2001
Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Indexable inserts

Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = Coated carbide

C3

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

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

Indexable insert thread milling cutter

T2712 mm

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

≤ 2,5×D_N

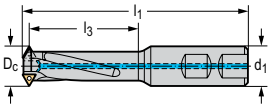
M-MF
DIN 13

UNC/UNF
UN
ASME B1.1

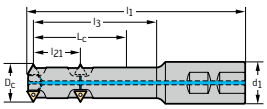
G (BSP)
DIN EN ISO 228

	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B



DIN 1835 B

Designation	D_N	P_{max} mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2712-13-W16-1-06	M 16	2	13			43	100	16	1	1	P26300-06 ..
T2712-17-W16-3-06	M 20	2,5	16,5			53	108	16	3	3	
T2712-19-W20-3-06	M 24	3	19			63	123	20	3	3	
T2712-24-W25-3-09	M 30	3,5	24			79,5	148	25	3	3	P26300-09 ..
T2712-29-W32-3-09	M 36	4	29			94,5	167	32	3	3	
T2712-35-W32-3-11	M 42	4,5	35			110,5	181	32	3	3	P26300-11 ..
T2712-40-W40-3-14	M 48	5	40			127	211	40	3	3	P26300-14 ..
T2712-44-W40-3-14	M 56	5,5	44			147	230	40	3	3	
T2712-52-W40-4-14	M 64	6	52			167	249	40	4	4	
T2712-24-W25-3-09-2-31.5	M 30	3,5	24	31,5	63	79,5	147	25	3	6	P26300-09 ..
T2712-29-W32-3-09-2-36	M 36	4	29	36	72	94,5	167	32	3	6	
T2712-35-W32-3-11-2-40.5	M 42	4,5	35	40,5	81	110,5	180	32	3	6	P26300-11 ..
T2712-40-W40-3-14-2-50	M 48	5	40	50	100	127	211	40	3	6	P26300-14 ..

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

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

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

Assembly parts

D_c [mm]	13–19	24–29	35	40–52
Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

D_c [mm]	13–19	24–35	40–52
Torque screwdriver, analogue	FS2001	FS2001	FS2003
Torque screwdriver, digital			FS2248
Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☺	☺	☺	☺	☺	☺
P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☺	☺	☺	☺	☺	☺
P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☺	☺	☺	☺	☺	☺

HC = Coated carbide

C3

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

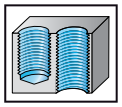
☹ 😐 ☺ / ★ = New addition to the product range

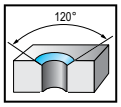
Indexable insert thread milling cutter

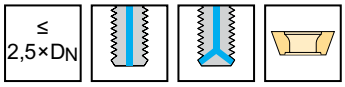
T2712 mm

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

UNC/UNF
UN
ASME B1.1

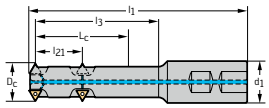






	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B

Designation	D_N	P_{max}TPI in	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2712-26-W25-3-09-2-32.7	UNC 1 1/4-7	7	26	32,7	65,3	84	151	25	3	6	P26300-09 ..
T2712-31-W32-3-09-2-38.1	UNC 1 1/2-6	6	31	38,1	76,2	99,75	172	32	3	6	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C3

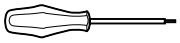
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

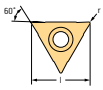
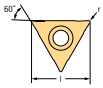
Assembly parts

	D_c [mm]	26–31
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm

Accessories

	D_c [mm]	26–31
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	☺	☺	☺	☺	☺	☺
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺

HC = Coated carbide

C3

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

Indexable insert thread milling cutter

T2712 mm

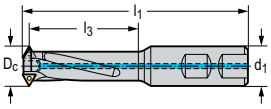
– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228

≤ 2,5×D_N

	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B

Designation	D_N	P_{max} mm	D_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2712-13-W16-1-06	M 16	2	13	43	100	16	1	1	P26300-06 ..
T2712-17-W16-3-06	M 20	2,5	16,5	53	108	16	3	3	
T2712-19-W20-3-06	M 24	3	19	63	123	20	3	3	
T2712-24-W25-3-09	M 30	3,5	24	79,5	148	25	3	3	P26300-09 ..
T2712-29-W32-3-09	M 36	4	29	94,5	167	32	3	3	
T2712-35-W32-3-11	M 42	4,5	35	110,5	181	32	3	3	P26300-11 ..
T2712-40-W40-3-14	M 48	5	40	127	211	40	3	3	P26300-14 ..
T2712-44-W40-3-14	M 56	5,5	44	147	230	40	3	3	
T2712-52-W40-4-14	M 64	6	52	167	249	40	4	4	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

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

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

Assembly parts

D_c [mm]	13–19	24–29	35	40–52
Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

D_c [mm]	13–19	24–35	40–52
Torque screwdriver, analogue	FS2001	FS2001	FS2003
Torque screwdriver, digital			FS2248
Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☺	☺	☺	☺	☺	☺
P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☺	☺	☺	☺	☺	☺
P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☺	☺	☺	☺	☺	☺

HC = Coated carbide

C3

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

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

Indexable insert thread milling cutter

T2713 mm

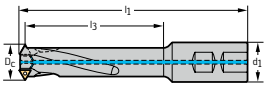
– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228

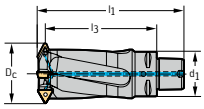
≤ 3×D_N

	P	M	K	N	S	H	O
T2713	●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B



Walter Capto™ in acc. with ISO 26623

Designation	D_N	P_{max} mm	D_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2713-17-W16-3-06	M 20	2,5	16,5	63	118	16	3	3	P26300-06 ..
T2713-19-W20-3-06	M 24	3	19	75	135	20	3	3	
T2713-24-W25-3-09	M 30	3,5	24	94,5	163	25	3	3	P26300-09 ..
T2713-29-W32-3-09	M 36	4	29	112,5	185	32	3	3	
T2713-35-W32-3-11	M 42	4,5	35	131,5	202	32	3	3	P26300-11 ..
T2713-40-W40-3-14	M 48	5	40	151	235	40	3	3	P26300-14 ..
T2713-44-W40-3-14	M 56	5,5	44	175	258	40	3	3	
T2713-52-W40-4-14	M 64	6	52	199	281	40	4	4	
T2713-60-C5-4-14	M 72	6	60	115	152	50	4	4	P26300-14 ..
T2713-73-C6-5-14	M 85	6	73	125	170	63	5	5	
T2713-94-C8-5-22	M 125	10	94	140	199	80	5	5	P26300-22 ..

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

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

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

Assembly parts

D_c [mm]	16,5–19	24–29	35	40–73	94
Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm	FS1495 (T20IP) 5 Nm

Accessories

D_c [mm]	16,5–19	24–35	40–73	94
Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003
Torque screwdriver, digital			FS2248	FS2248
Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)	FS2015 (T20IP)
Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)	FS1486 (T20IP)

Indexable inserts

Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☺	☺	☺	☺	☺	☺
P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3	☺	☺	☺	☺	☺	☺
P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☺	☺	☺	☺	☺	☺
P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☺	☺	☺	☺	☺	☺
P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐

HC = Coated carbide

C3

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

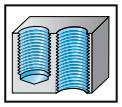
☹ 😐 ☺ / ★ = New addition to the product range

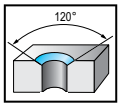
Indexable insert thread milling cutter

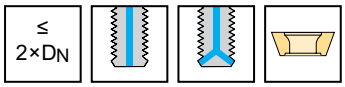
T2711 / T2712 inch

– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

UNC/UNF
UN
ASME B1.1

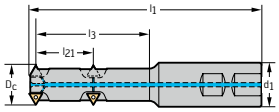
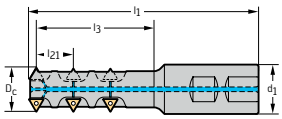
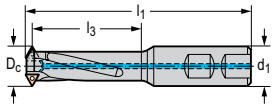






	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●
T2712	●●	●●	●●	●	●●	●	●

Tool

	Designation	D_N	P_{max} T-PI in	D_c inch	l_{21} inch	l_3 inch	l_1 inch	d_1 inch	Z	Number of WSP	Type
 DIN 1835 B	T2711.20-W19-3-06-2-25.4	UNC 1	8	0,787	1,000	2,122	4,461	0,750	3	6	P26300-06 ..
	T2711.26-W26-3-09-2-32.7	UNC 1.1/4-7	7	1,024	1,286	2,677	5,299	1,000	3	6	P26300-09 ..
 DIN 1835 B	T2711.31-W31-3-09-3-25.4	UNC 1.1/2-6	6	1,22	1,000	3,177	5,892	1,250	3	9	P26300-09 ..
 DIN 1835 B	T2712.20-W19-3-06	UNC 1	8	0,787		2,618	4,953	0,750	3	3	P26300-06 ..
	T2712.23-W26-3-09	UNC 1 1/8	7	0,886		2,992	5,675	1,000	3	3	P26300-09 ..
	T2712.28-W31-3-09	UNC 1 3/8	6	1,083		3,622	6,482	1,250	3	3	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

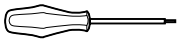
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

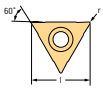
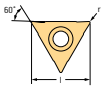
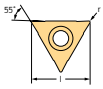
Assembly parts

	D_c [inch]	0,787	0,886–1,22
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,443 lbs	FS2111 (T7IP) 0,664 lbs

Accessories

	D_c [inch]	0,787	0,886–1,22
	Torque screwdriver, analogue	FS2002	FS2002
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r inch	Gradient P inch	Gradient (G/inch) in	l inch	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,002	0,035–0,063	28–16	0,265	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,004	0,055–0,114	18–9	0,265	3	☺	☺	☺	☺	☺	☺
	P26300-0602-D61	06	0,008	0,118–0,126	8–8	0,259	3	☺	☺	☺	☺	☺	☺
	P26300-09005-D61	09	0,002	0,035–0,063	28–16	0,373	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,004	0,055–0,114	18–9	0,373	3	☺	☺	☺	☺	☺	☺
	P26300-0902-D61	09	0,008	0,118–0,169	8–6	0,368	3	☺	☺	☺	☺	☺	☺
	P26300-06005-D67	06	0,002	0,035–0,063	28–16	0,265	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,004	0,055–0,114	18–9	0,265	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,008	0,118–0,126	8–8	0,259	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,002	0,035–0,063	28–16	0,373	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,004	0,055–0,114	18–9	0,373	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,008	0,118–0,169	8–6	0,368	3	😐	😐	😐	😐	😐	😐
	P26310-06G14-D61	06	0,007	0,071–0,071	14–14	0,265	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,008	0,091–0,091	11–11	0,368	3	☺	☺	☺	☺	☺	☺

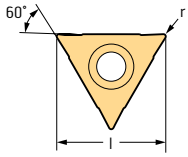
HC = Coated carbide

C3

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

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

Thread milling cutter inserts – M, MF, UNC, UNF, UN
P26300
Tiger·tec® Gold



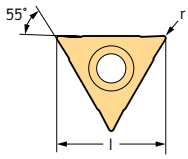
Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹
	P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3	☹	☹	☹	☹	☹	☹

Ordering example for the grade WSM37G: P26300-06005-D67 WSM37G

HC = Coated carbide

Thread milling cutter inserts – G (BSP)
P26310
Tiger·tec® Gold



Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch) in	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☹	☹	☹	☹	☹	☹

Ordering example for the grade WSM37G: P26310-06G14-D61 WSM37G

HC = Coated carbide

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

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


Ø50 B22
5xTN 1605
FS2079 T9IP 2,0 Nm

D - Milling

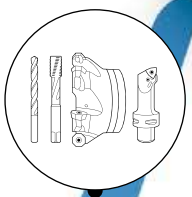
D1 - Solid carbide milling tools

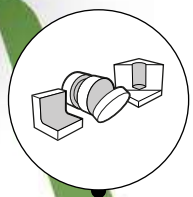
D2 - Milling tools with indexable inserts

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

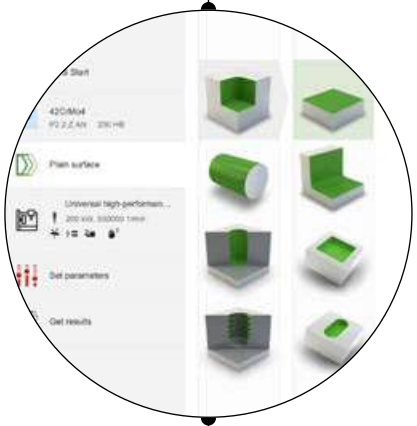
B SEARCH APPLICATION-RELATED

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

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

Select **material** and …

… **application**



Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

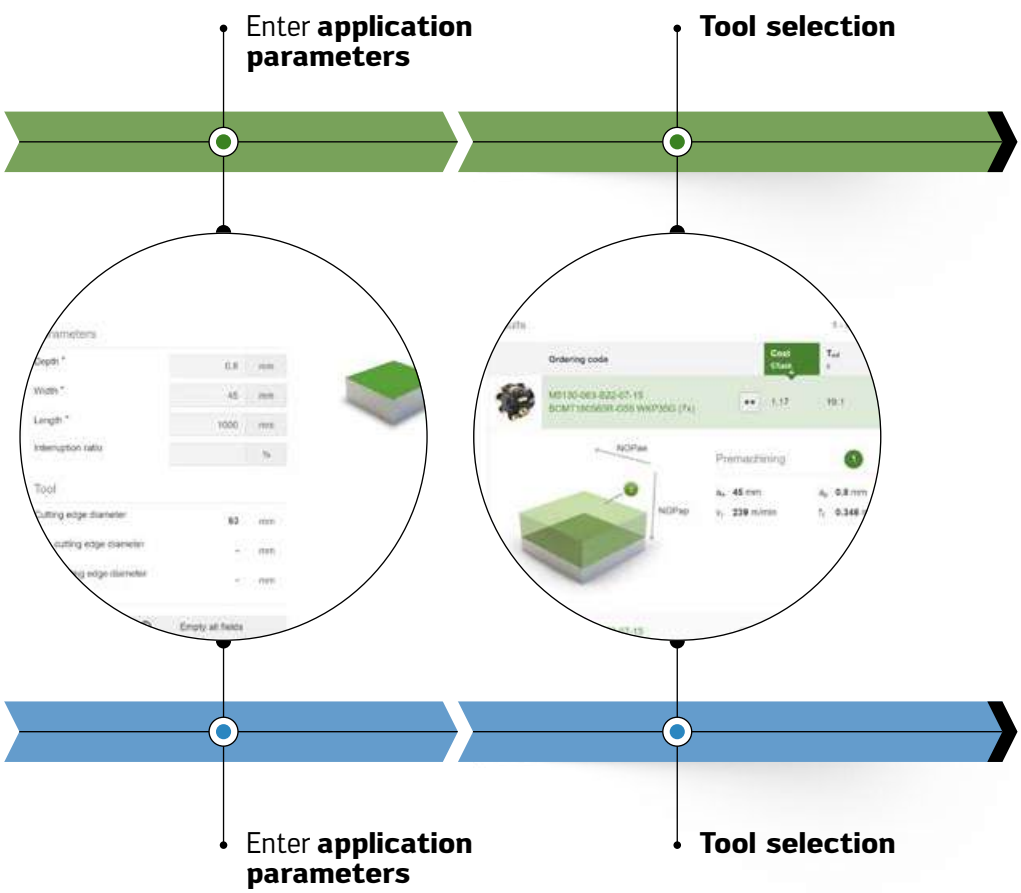
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating profitability –** this allows you to determine the estimated costs in the shortest possible time.
- **Benefit from helpful additional information –** e.g. in the form of 2D and 3D models which you can use directly for your machine programming.
- **CO_2 values for your application –** divided according to machining operation and machine basic load.

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

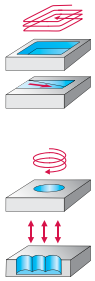
RESULT



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

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

High-feed milling cutters





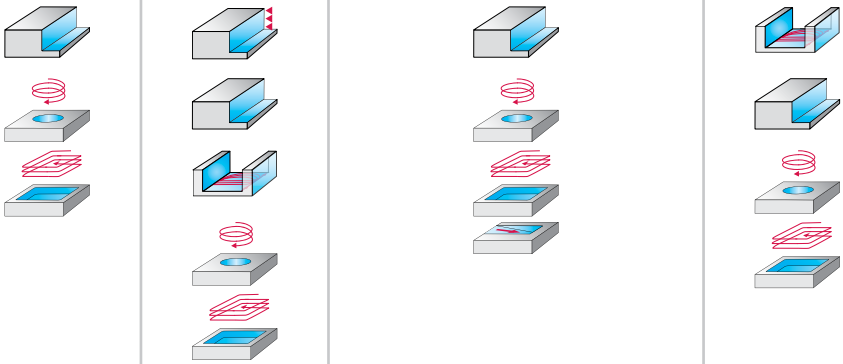

Designation	MC025 Advance	MD025 Supreme	MD025 Supreme	MC089 Advance
Diameter range	1–16	6–16	6–16	4–16
Number of teeth	2–4	5–6	5–6	4
Corner radius	0,1–2	0,5–2	0,5–2	0,5–2
Diameter range	0,125–0,625	0,250–0,625	0,250–0,625	—
Number of teeth	4	5–6	5–6	
Corner radius	0,020–0,080	0,020–0,080	0,020–0,080	
Standard	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30TF	WJ30RD	WJ30RA	WB10TG
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel	●		●●	
K Cast iron	●	●		
N NF metals			●	
S Materials with difficult cutting properties	●		●●	
H Hard materials				●●
O Other				
Page in catalogue				
QR code				
www.walter-tools.com/woc/	MC025	MD025	MD025	MC089

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



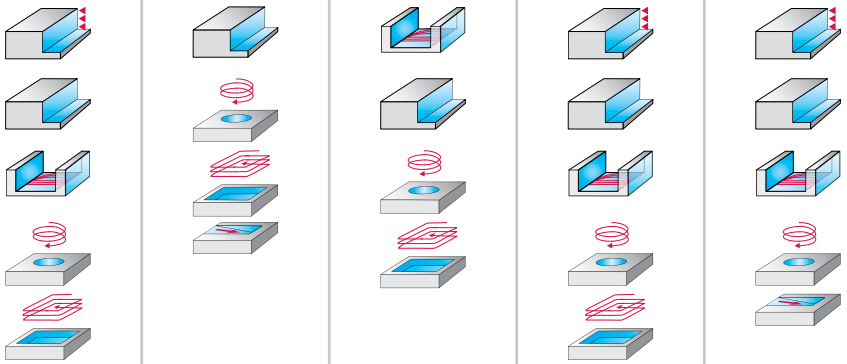
Designation	MC129 Advance	MC128 Advance	MC112 Advance	MC111 Advance	MD133 Supreme
Diameter range	6–20	2–25	4–12,5	—	6–20
Number of teeth	6	4–8	4		5–6
Corner radius		0,5–4	0,5–1,5		0,3–1
Diameter range	—	0,375–0,750	—	0,094–0,375	0,250–0,750
Number of teeth		6–8		4	5–6
Corner radius		0,015			0,015–0,030
Standard	DIN 6527 L	DIN 6527 L STANDARD	PWZ-NORM XL PWZ-NORM L	STANDARD	PWZ-NORM L PWZ-NORM XL
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30RD
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	
K Cast iron	●	●	●	●	●
N NF metals				●	
S Materials with difficult cutting properties	●	●	●	●	
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC129	MC128	MC112	MC111	MD133

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters



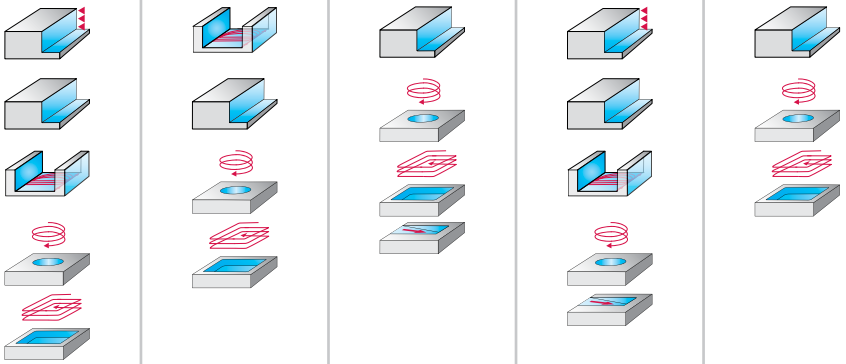
Designation	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme	MC166 Advance
Diameter range	6–25	0,4–3	6–20	6–25	2–20
Number of teeth	6–8	2	5–6	6–8	2–3
Corner radius	0,5–4	0,05–0,3	0,3–1	0,5–4	1–5
Diameter range	—	—	0,250–0,750	—	—
Number of teeth			5–6		
Corner radius			0,015–0,030		
Standard	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	P-NORM L PWZ-NORM L P-NORM XL PWZ-NORM XL
Coating / grade	WJ30RD	TAX	WJ30RA	WJ30RA	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●			
M Stainless steel			●●	●●	
K Cast iron	●				
N NF metals		●	●		●●
S Materials with difficult cutting properties			●	●●	
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MD128	protostar	MD133	MD128	MC166

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters



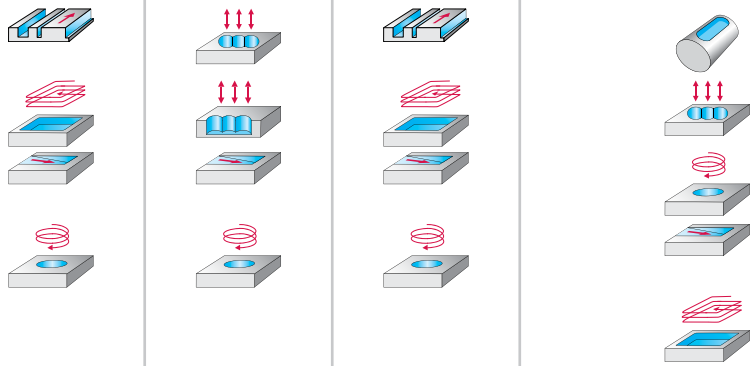
Designation	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance	MC183 Advance
Diameter range	6–25	6–20	16–25	3–25	6–16
Number of teeth	7	7	4–5	4–8	6–16
Corner radius	0,3–1,25	0,3–1	3–4	0,5–3	
Diameter range	0,187–1,000	0,250–1,000	—	0,125–0,750	—
Number of teeth	7	7		4–8	
Corner radius	0,015–0,120	0,015–0,120		0,015–0,060	
Standard	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD PWZ-NORM S	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD	PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30EN	WJ30EN	ACN	WB10TG	WB10TG
Shank	DIN 6535 HA	DIN 6535 HB Cylindrical shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB
P Steel	●	●			
M Stainless steel	●	●			
K Cast iron					
N NF metals					
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials				●●	●●
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MD177	MD173	protostar-ti	MC187	MC183

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters



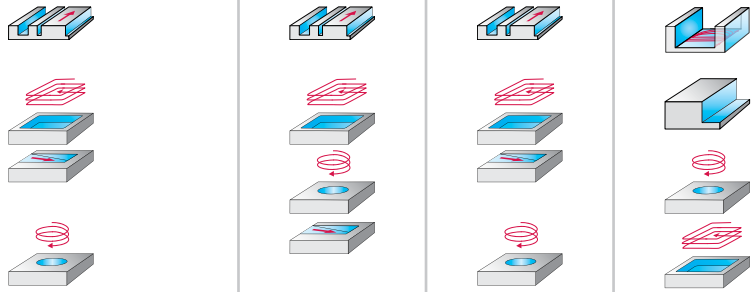
Designation	ME232 Perform	MD344 Supreme	MD340 Supreme	MC726 Supreme	MC716 Advance
Diameter range	2–20	6–20	2–25	2,8–16	1,8–20
Number of teeth	2–6	4	3–5	3–4	2–3
Corner radius	0,2–3	0,3–1	0,2–4	0,08–0,25	
Diameter range	0,125–0,750	—	0,063–0,750	—	—
Number of teeth	2–4		3–5		
Corner radius	0,015–0,125		0,015–0,060		
Standard	P-NORM L DIN 6527 L STANDARD P-NORM S	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	DIN 6527 K	DIN 6527 K
Coating / grade	WJ30ED	WK40TP	WK40TP	WK40TF	WJ30TF
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●				
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	ME232	MD344	MD340	MC726	MC716

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters



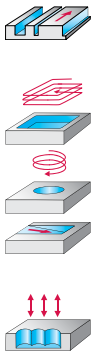
Designation	MC326 Supreme	MC321 Advance	MC320 Advance	MC319 Advance	MC233 Advance Xill·tec®
Diameter range	2–25	—	4–25	5–20	8–25
Number of teeth	3–5		3–8	4	4–8
Corner radius	0,2–4		0,2–0,4	0,2–0,4	
Diameter range	0,125–0,750	0,125–0,500	0,250–0,750	—	—
Number of teeth	3–4	4	4		
Corner radius	0,015–0,160		0,008–0,016		
Standard	STUB STANDARD PWZ-NORM L DIN 6527 L LONG	STUB	DIN 6527 K DIN 6527 L STANDARD	DIN 6527 L	P-NORM L P-NORM XL
Coating / grade	WK40TF	WJ30TF	WK40TF	WK40TF	WK40TF
Shank	DIN 6535 HA DIN 6535 HB	Cylindrical shank	DIN 6535 HB	DIN 6535 HB	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC326	MC321	MC320	MC319	MC233

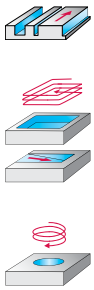
D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters





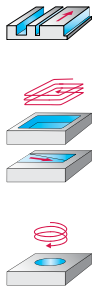
Designation	MC230 Advance Xill·tec®	MC213 Advance	MC341 Supreme	MC251 Advance	Proto·max™ Inox
Diameter range	1–25	0,6–14,5	6–20	3–20	6–20
Number of teeth	2–8	2–4	4	4	4
Corner radius	0,2–4	0,06–1		0,2–6	0,5–4
Diameter range	—	—	—	—	0,500–0,750
Number of teeth					4
Corner radius					
Standard	DIN 6527 L P-NORM S P-NORM L DIN 6527 K P-NORM XL	PWZ-NORM XL PWZ-NORM L	PWZ-NORM	DIN 6527 L	DIN 6527 L DIN 6527
Coating / grade	WK40TF	WJ30TF	WK40TZ	WK40RC	TAA
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●		
M Stainless steel	●	●	●	●●	●●
K Cast iron	●	●			
N NF metals	●				
S Materials with difficult cutting properties	●	●		●	●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC230	MC213	MC341	MC251	protomax-inox

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	MD266 Supreme	MD265 Supreme	MD265 Supreme	MC267 Advance	MC267 Advance
Diameter range	2–25	16–25	16–25	1–20	1–20
Number of teeth	2–3	3	3	2–3	3
Corner radius	0,2–4	2–4	2–4	0,2–4	0,2–0,5
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L	DIN 6527 L
Coating / grade	WJ30UU	WJ30UU	WJ30DD	WJ30UU	WJ30CA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron					
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue					
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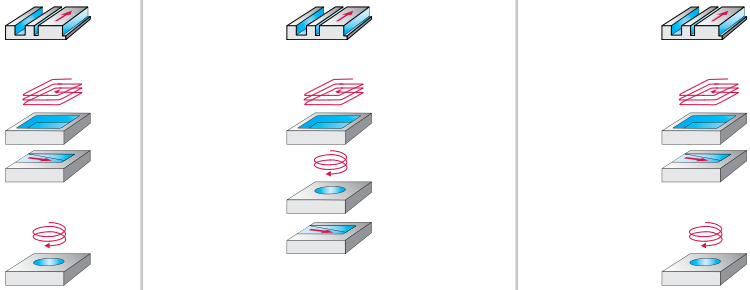
www.walter-tools.com/woc/	MD266	MD265	MD265	MC267	MC267

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters



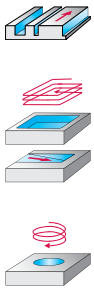
Designation	Protostar®	MD377 Supreme	MC377 Advance	MC388 Advance	MC281 Advance
Diameter range	2–20	6–25	2–25	2–12	1–4
Number of teeth	1–2	5	3–4	3–4	2
Corner radius		0,5–6,35	0,2–4	0,5–3	0,2–0,5
Diameter range	—	—	—	0,125–0,500	—
Number of teeth				3–4	
Corner radius				0,015–0,030	
Standard	PWZ-NORM L DIN 6527 L	DIN 6527 L	DIN 6527 L	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI
Coating / grade	uncoated	WK40TZ	WK40EA	WB10TG	WB10TG
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel			●	●	
M Stainless steel		●	●		
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties		●●	●●		
H Hard materials				●●	●●
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	protostar	MD377	MC377	MC388	MC281

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	Protostar® Ultra	Protostar®
Diameter range	1–16	0,6–12
Number of teeth	2–4	2–4
Corner radius	0,1–2	0,05–1
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM L PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Coating / grade	TAX	DIA
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties		
H Hard materials	●●	
O Other		●●
Page in catalogue		
QR code		
www.walter-tools.com/woc/	protostar-ultra	protostar

WALTER SELECT

●● Primary application ● Other application

D1

Copy milling cutters





Designation	ME432 Perform	MC416 Advance	MC413 Advance	Protostar®	MC467 Advance
Diameter range	1–20	1–20	1–16	0,3–3	2–16
Number of teeth	2–4	2–4	2–4	2	2
Corner radius	0,5–10	0,5–10	0,5–8	0,15–1,5	1–8
Diameter range	0,063–0,625	0,063–0,500	—	—	—
Number of teeth	4	4			
Corner radius	0,031–0,313	0,031–0,250			
Standard	DIN 6527 L STANDARD	PWZ-NORM L STANDARD DIN 6527 L	PWZ-NORM L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L
Coating / grade	WJ30ED	WJ30TF	WJ30TF	TAX	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●	●		
K Cast iron	●	●	●		
N NF metals	●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●		
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	ME432	MC416	MC413	protostar	MC467

D1

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters





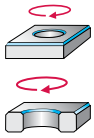
Designation	MC482 Advance	MC480 Advance	Proto·max™Ultra	Protostar® Ultra	Protostar®
Diameter range	1–16	0,4–5	1–10	1–10	0,3–3
Number of teeth	2–4	2	2	2	2
Corner radius	0,5–8	0,2–2,5	0,5–5	0,5–5	0,15–1,5
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	DIN 6527 K DIN 6527 L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI
Coating / grade	WB10TG	WB10TG	TAS	TAX	DIA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron					
N NF metals					
S Materials with difficult cutting properties					
H Hard materials	●●	●●	●●	●●	
O Other					●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC482	MC480	protomax-ultra	protostar-ultra	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Profiling cutters







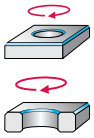
Designation	MC504 Advance	MC503 Advance	MC502 Advance	MC501 Advance	MC500 Advance
Diameter range	6–12	6–20	10	6–12	6–10
Number of teeth	4–6	3–4	4	4–6	4
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 L	PWZ-NORM L	PWZ-NORM L	PWZ-NORM L
Coating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

D1

WALTER SELECT

●● Primary application ● Other application

Profiling cutters



Designation	**Protostar®**
Diameter range	—
Number of teeth	
Corner radius	
Diameter range	0,250–0,500
Number of teeth	4–6
Corner radius	
Standard	STANDARD
Coating / grade	TAX
Shank	Cylindrical shank
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	protostar

WALTER SELECT

●● Primary application ● Other application

D1

Circle segment milling cutters



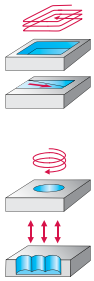

Designation	MD839 Supreme	MD838 Supreme	MD839 Supreme	MD838 Supreme
Diameter range	6–16	6–16	6–16	6–16
Number of teeth	4	4–8	4	4–8
Corner radius	1–4	0,5–4	1–4	0,5–4
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RD	WJ30RA	WJ30RA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel			●●	●●
K Cast iron	●	●		
N NF metals			●	●
S Materials with difficult cutting properties			●●	●●
H Hard materials				
O Other				
Page in catalogue				
QR code				
www.walter-tools.com/woc/	MD839	MD838	MD839	MD838

D1

WALTER SELECT

●● Primary application ● Other application

High-feed milling cutters



NEW





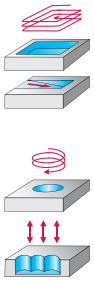
Designation	MC025 Advance	Protostar® Flash	MD025	MD070	MD025
Diameter range	10–25	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	4–5	5–6
Corner radius	1,5–3	1,5–2	1,5–3	1,5–3	1,5–3
Diameter range	0,375–1,000	—	0,375–1,000	—	0,375–1,000
Number of teeth	4		5–6		5–6
Corner radius	0,060–0,125		0,060–0,125		0,060–0,125
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	TAX	WJ30RD	WJ30RA	WJ30RA
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●		
M Stainless steel	●	●		●●	●●
K Cast iron	●	●	●		
N NF metals					●
S Materials with difficult cutting properties	●	●		●	●●
H Hard materials					
O Other					
Page in catalogue				328	
QR code					
www.walter-tools.com/woc/	MC025	protostar-flash	MD025	MD070	MD025

D1

WALTER SELECT

●● Primary application ● Other application

High-feed milling cutters



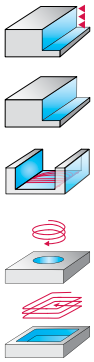
Designation	Protostar® Flash
Diameter range	10–25
Number of teeth	4–5
Corner radius	1,5–3
Diameter range	—
Number of teeth	
Corner radius	
Standard	PWZ-NORM
Coating / grade	TAA
Shank	ConeFit
P Steel	
M Stainless steel	●●
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	protostar-flash

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters





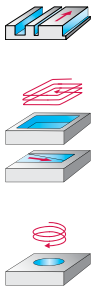
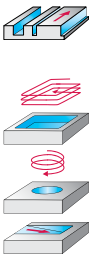
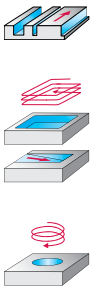
Designation	MC128	MD128	MD128
Diameter range	10–25	10–25	10–25
Number of teeth	6–8	6–8	6–8
Corner radius	0,5–4	0,5–4	0,5–4
Diameter range	—	—	—
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30RD	WJ30RA
Shank	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	
M Stainless steel	●		●●
K Cast iron	●	●	
N NF metals			
S Materials with difficult cutting properties	●		●●
H Hard materials			
O Other			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MC128	MD128	MD128

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters

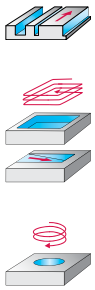
	NEW	NEW			
					
Designation	**MD340**	**MC326**	**MC320**	**Proto·max™ST**	**Protostar®**
Diameter range	10–20	10–25	10–25	10–20	10–25
Number of teeth	4	3–5	4–8	4	3
Corner radius	0,5–4	0,5–4	0,35–0,4	0,5–4	
Diameter range	—	0,375–1,000	—	—	—
Number of teeth		4–5			
Corner radius		0,015–0,125			
Standard	P-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TP	WJ30TF	WJ30TF	TAZ	TAX
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●		
K Cast iron	●	●	●	●	●
N NF metals					
S Materials with difficult cutting properties	●	●	●		
H Hard materials					
O Other					
Page in catalogue	329	337			
QR code					
www.walter-tools.com/woc/	MD340	MC326	MC320	protomax-st	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



	NEW		NEW	
				
Designation	**MD370**	**Proto·max™ Inox**	**MC267**	**Protostar®**
Diameter range	10–25	10–25	10–25	10–25
Number of teeth	4–5	4–5	2–3	2–3
Corner radius	0,5–4	0,5–4		
Diameter range	0,375–1,000	—	0,375–1,000	—
Number of teeth	4–5		3	
Corner radius				
Standard	PWZ-NORM	PWZ-NORM	P-NORM	PWZ-NORM
Coating / grade	WJ30RA	TAA	WJ30UU	uncoated
Shank	ConeFit	ConeFit	ConeFit	ConeFit
P Steel				
M Stainless steel	●●	●●		
K Cast iron				
N NF metals			●●	●●
S Materials with difficult cutting properties	●	●		
H Hard materials				
O Other				
Page in catalogue	331		334	
QR code				
www.walter-tools.com/woc/	MD370	protomax-inox	MC267	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters

NEW

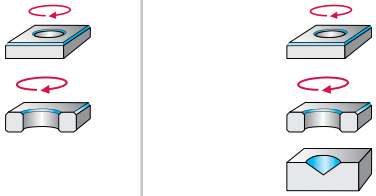
Designation	MC430	Protostar®
Diameter range	10–25	10–25
Number of teeth	2–4	2–4
Corner radius	5–12,5	5–12,5
Diameter range	0,375–1,000	0,375–1,000
Number of teeth	4	4
Corner radius	0,187–0,500	0,187–0,500
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TP	TAX
Shank	ConeFit	ConeFit
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●	●
N NF metals	●	●
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Page in catalogue	339	
QR code		
www.walter-tools.com/woc/	MC430	protostar

WALTER SELECT

●● Primary application ● Other application

D1

Profiling cutters



NEW NEW

Designation	MC503	MC500	Protostar®
Diameter range	10–20	10–16	10–20
Number of teeth	4	2–8	2–8
Corner radius			
Diameter range	0,394–0,984	0,500–0,625	0,500–0,625
Number of teeth	4	6–8	6–8
Corner radius			
Standard	PWZ-NORM P-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TP	WJ30TP	TAX
Shank	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●
M Stainless steel	●	●	●
K Cast iron	●	●	●
N NF metals	●	●	●
S Materials with difficult cutting properties	●	●	●
H Hard materials			
O Other			
Page in catalogue	351	343	
QR code			
www.walter-tools.com/woc/	MC503	MC500	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Circle segment milling cutters

Designation	MD838	MD838
Diameter range	16	16
Number of teeth	8	8
Corner radius	2–4	2–4
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RA
Shank	ConeFit	ConeFit
P Steel	●●	
M Stainless steel		●●
K Cast iron	●	
N NF metals		●
S Materials with difficult cutting properties		●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MD838	MD838

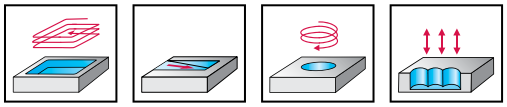
WALTER SELECT

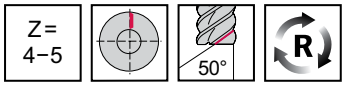
●● Primary application ● Other application

D1

Solid carbide high-feed milling cutter

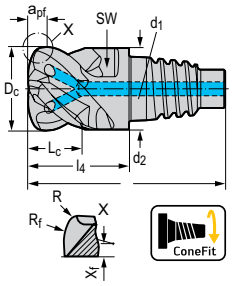
MD070 mm





	P	M	K	N	S	H	O
WJ30RA		●●			●		

Tool



ConeFit

Designation	D_c h9 mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30RA
★ MD070-10.0E4P150-	10	6	1,7	5	1,998	1,5	23,6	12,4	8	E10	4	☺
★ MD070-12.0E4P150-	12	7,5	2,25	6	2,103	1,5	28,3	14,5	10	E12	4	☺
★ MD070-16.0E4P200-	16	10	3,1	8	2,747	2	35,7	18,7	12	E16	4	☺
★ MD070-20.0E4P200-	20	12	4	10	3,072	2	40,8	21,3	16	E20	4	☺
★ MD070-25.0E5P300-	25	15	5	12	4,206	3	49,6	25,6	20	E25	5	☺

Ordering example for the grade WJ30RA: MD070-10.0E4P150-WJ30RA

D1

WALTER SELECT

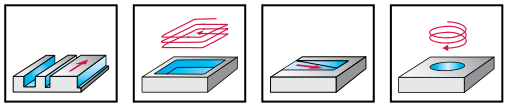
●● Primary application ● Other application

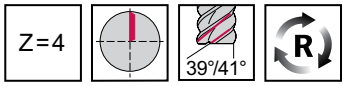
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

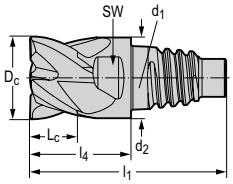
MD340 mm





	P	M	K	N	S	H	O
WJ30TP	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30TP
★ MD340-10.0E4P-	10	0,2	5,5	9,7	24	12	8	E10	4	☻
★ MD340-12.0E4P-	12	0,24	6,5	11,7	28	15	10	E12	4	☻
★ MD340-16.0E4P-	16	0,32	8,5	15,5	36	19	12	E16	4	☻
★ MD340-20.0E4P-	20	0,4	11	19,3	41	21	16	E20	4	☻

Ordering example for the grade WJ30TP: MD340-10.0E4P-WJ30TP

D1

WALTER SELECT

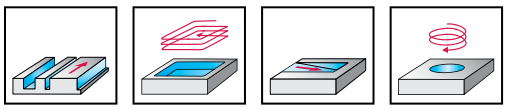
●● Primary application ● Other application

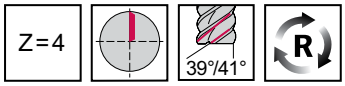
Best tool for → Good = ☻ → Average = ☺ → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

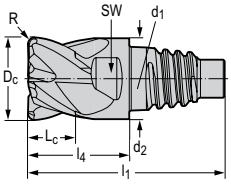
MD340 mm





	P	M	K	N	S	H	O
WJ30TP	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30TP
★ MD340-10.0E4P050-	10	0,5	5,5	9,7	24	12	8	E10	4	☺
★ MD340-10.0E4P100-	10	1	5,5	9,7	24	12	8	E10	4	☺
★ MD340-12.0E4P050-	12	0,5	6,5	11,7	28	15	10	E12	4	☺
★ MD340-12.0E4P100-	12	1	6,5	11,7	28	15	10	E12	4	☺
★ MD340-12.0E4P150-	12	1,5	6,5	11,7	28	15	10	E12	4	☺
★ MD340-12.0E4P200-	12	2	6,5	11,7	28	15	10	E12	4	☺
★ MD340-16.0E4P050-	16	0,5	8,5	15,5	36	19	12	E16	4	☺
★ MD340-16.0E4P100-	16	1	8,5	15,5	36	19	12	E16	4	☺
★ MD340-16.0E4P200-	16	2	8,5	15,5	36	19	12	E16	4	☺
★ MD340-16.0E4P300-	16	3	8,5	15,5	36	19	12	E16	4	☺
★ MD340-20.0E4P050-	20	0,5	11	19,3	41	21	16	E20	4	☺
★ MD340-20.0E4P100-	20	1	11	19,3	41	21	16	E20	4	☺
★ MD340-20.0E4P200-	20	2	11	19,3	41	21	16	E20	4	☺
★ MD340-20.0E4P300-	20	3	11	19,3	41	21	16	E20	4	☺
★ MD340-20.0E4P400-	20	4	11	19,3	41	21	16	E20	4	☺

Ordering example for the grade WJ30TP: MD340-10.0E4P050-WJ30TP

D1

WALTER SELECT

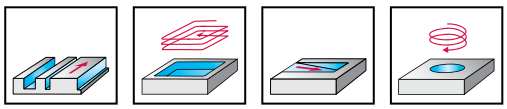
●● Primary application ● Other application

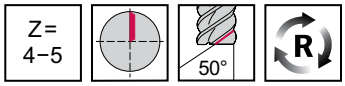
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

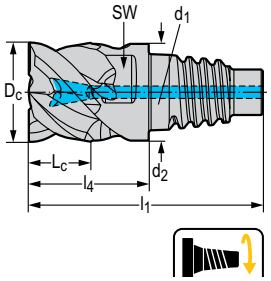
MD370 mm





	P	M	K	N	S	H	O
WJ30RA		●●			●		

Tool



ConeFit

Designation	D_c mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30RA
★ MD370-10.0E4P-	10	0,1	6	9,7	24	12	8	E10	4	☺
★ MD370-12.0E4P-	12	0,1	7,5	11,7	28	15	10	E12	4	☺
★ MD370-16.0E4P-	16	0,15	10	15,5	36	19	12	E16	4	☺
★ MD370-20.0E4P-	20	0,15	12	19,3	41	21	16	E20	4	☺
★ MD370-25.0E5P-	25	0,15	15	24,2	50	26	20	E25	5	☺

Ordering example for the grade WJ30RA: MD370-10.0E4P-WJ30RA

D1

WALTER SELECT

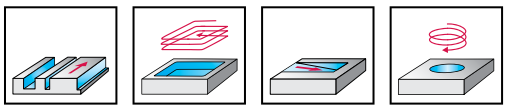
●● Primary application ● Other application

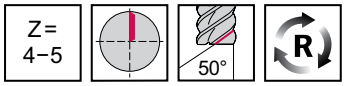
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

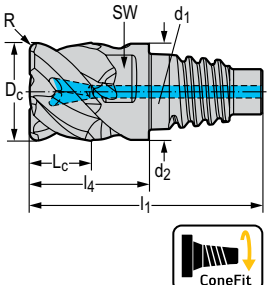
MD370 mm





	P	M	K	N	S	H	O
WJ30RA		●●			●		

Tool



ConeFit

Designation	D_c mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30RA
★ MD370-10.0E4P050-	10	0,5	6	9,7	24	12	8	E10	4	☺
★ MD370-10.0E4P100-	10	1	6	9,7	24	12	8	E10	4	☺
★ MD370-10.0E4P150-	10	1,5	6	9,7	24	12	8	E10	4	☺
★ MD370-10.0E4P200-	10	2	6	9,7	24	12	8	E10	4	☺
★ MD370-10.0E4P300-	10	3	6	9,7	24	12	8	E10	4	☺
★ MD370-12.0E4P050-	12	0,5	7,5	11,7	28	15	10	E12	4	☺
★ MD370-12.0E4P100-	12	1	7,5	11,7	28	15	10	E12	4	☺
★ MD370-12.0E4P150-	12	1,5	7,5	11,7	28	15	10	E12	4	☺
★ MD370-12.0E4P200-	12	2	7,5	11,7	28	15	10	E12	4	☺
★ MD370-12.0E4P300-	12	3	7,5	11,7	28	15	10	E12	4	☺
★ MD370-12.0E4P400-	12	4	7,5	11,7	28	15	10	E12	4	☺
★ MD370-16.0E4P100-	16	1	10	15,5	36	19	12	E16	4	☺
★ MD370-16.0E4P200-	16	2	10	15,5	36	19	12	E16	4	☺
★ MD370-16.0E4P300-	16	3	10	15,5	36	19	12	E16	4	☺
★ MD370-16.0E4P400-	16	4	10	15,5	36	19	12	E16	4	☺
★ MD370-20.0E4P100-	20	1	12	19,3	41	21	16	E20	4	☺
★ MD370-20.0E4P200-	20	2	12	19,3	41	21	16	E20	4	☺
★ MD370-20.0E4P300-	20	3	12	19,3	41	21	16	E20	4	☺
★ MD370-20.0E4P400-	20	4	12	19,3	41	21	16	E20	4	☺
★ MD370-25.0E5P100-	25	1	15	24,2	50	26	20	E25	5	☺
★ MD370-25.0E5P200-	25	2	15	24,2	50	26	20	E25	5	☺
★ MD370-25.0E5P300-	25	3	15	24,2	50	26	20	E25	5	☺
★ MD370-25.0E5P400-	25	4	15	24,2	50	26	20	E25	5	☺

Ordering example for the grade WJ30RA: MD370-10.0E4P050-WJ30RA

D1

WALTER SELECT

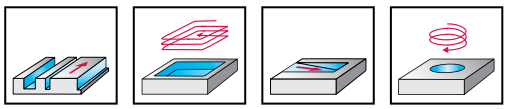
●● Primary application ● Other application

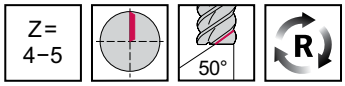
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

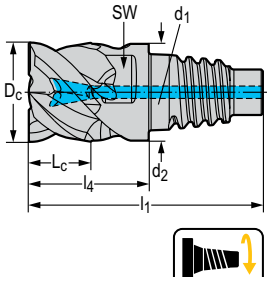
MD370 inch





	P	M	K	N	S	H	O
WJ30RA		●●			●		

Tool



ConeFit

Designation	D_c inch	l_{11} inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	SW inch	d_1	Z	WJ30RA
★ MD370.9.53E4P-	0,3750	0,004	0,236	0,364	0,929	0,488	0,315	E10	4	☺
★ MD370.12.7E4P-	0,5000	0,006	0,315	0,484	1,114	0,571	0,394	E12	4	☺
★ MD370.15.9E4P-	0,6250	0,006	0,394	0,61	1,406	0,724	0,472	E16	4	☺
★ MD370.19.1E4P-	0,7500	0,006	0,453	0,728	1,606	0,839	0,630	E20	4	☺
★ MD370.25.4E5P-	1,0000	0,006	0,61	0,965	1,953	1,008	0,787	E25	5	☺

Ordering example for the grade WJ30RA: MD370.12.7E4P-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

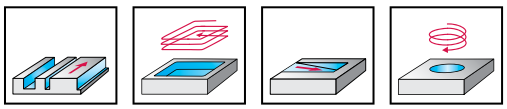
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

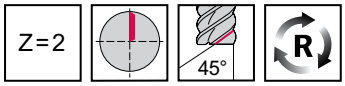
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC267 mm

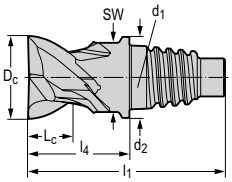
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU				●●			

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	SW mm	d_1	Z	WJ30UU
★ MC267-10.0E2P-	10	0,1	5,5	12,4	23,6	8	E10	2	☺
★ MC267-12.0E2P-	12	0,1	6,5	14,5	28,3	10	E12	2	☺
★ MC267-16.0E2P-	16	0,15	8,5	18,7	35,7	12	E16	2	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-10.0E2P-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

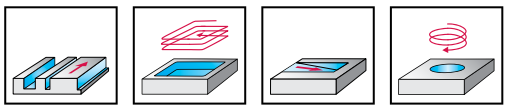
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

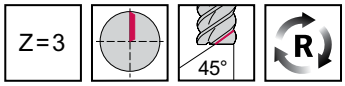
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC267 mm

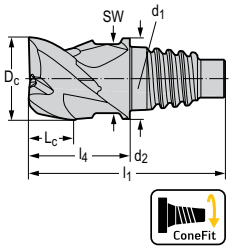
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU				●●			

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	SW mm	d_1	Z	WJ30UU
★ MC267-10.0E3P-	10	0,1	5,5	12,4	23,6	8	E10	3	☹
★ MC267-12.0E3P-	12	0,1	6,5	14,5	28,3	10	E12	3	☹
★ MC267-16.0E3P-	16	0,15	8,5	18,7	35,7	12	E16	3	☹
★ MC267-20.0E3P-	20	0,15	11	21,3	40,8	16	E20	3	☹
★ MC267-25.0E3P-	25	0,15	13,5	25,6	49,6	20	E25	3	☹

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-10.0E3P-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

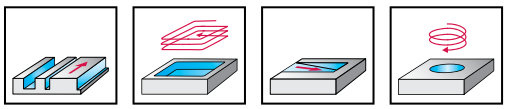
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

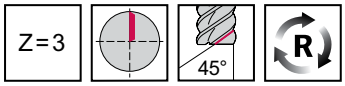
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC267 inch

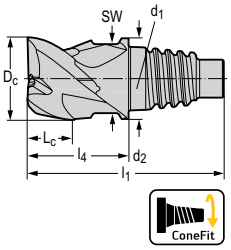
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU				●●			

Tool



ConeFit

Designation	D_c h10 inch	l_{11} inch	L_c inch	l_4 inch	l_1 inch	SW inch	d_1	Z	WJ30UU
★ MC267.9.53E3P-	0,3750	0,004	0,209	0,488	0,929	0,315	E10	3	☹
★ MC267.12.7E3P-	0,5000	0,004	0,276	0,575	1,114	0,394	E12	3	☹
★ MC267.15.9E3P-	0,6250	0,006	0,335	0,736	1,406	0,472	E16	3	☹
★ MC267.19.1E3P-	0,7500	0,006	0,413	0,839	1,606	0,630	E20	3	☹
★ MC267.25.4E3P-	1,0000	0,006	0,551	1,008	1,953	0,787	E25	3	☹

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267.12.7E3P-WJ30UU

D1

WALTER SELECT

●● Primary application ● Other application

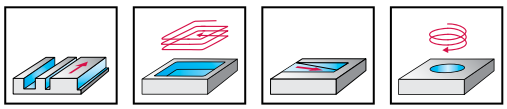
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

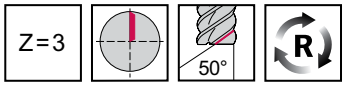
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC326 mm

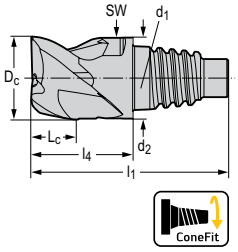
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



ConeFit

Designation	D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30TF
★ MC326-10.0E3P-	10	0,1	5,5	9,7	23,6	12,4	8	E10	3	☺
★ MC326-12.0E3P-	12	0,1	6,5	11,7	28,3	14,5	10	E12	3	☺
★ MC326-16.0E3P-	16	0,15	8,5	15,5	35,7	18,7	12	E16	3	☺
★ MC326-20.0E3P-	20	0,15	11	19,3	40,8	21,3	16	E20	3	☺
★ MC326-25.0E3P-	25	0,15	13,5	24,2	49,6	25,6	20	E25	3	☺

Ordering example for the grade WJ30TF: MC326-10.0E3P-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

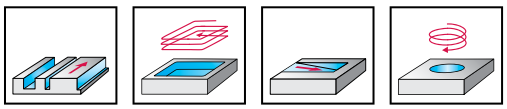
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

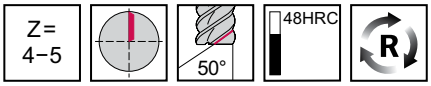
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC326 inch

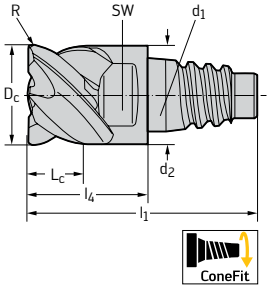
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	SW inch	d_1	Z	WJ30TF
MC326.9.53E4P038-	3/8"	0,3750	0,015	0,209	0,364	0,929	0,488	0,315	E10	4	☺
MC326.9.53E4P076-	3/8"	0,3750	0,030	0,209	0,364	0,929	0,488	0,315	E10	4	☺
MC326.12.7E4P038-	1/2"	0,5000	0,015	0,276	0,484	1,114	0,575	0,394	E12	4	☺
MC326.12.7E4P076-	1/2"	0,5000	0,030	0,276	0,484	1,114	0,575	0,394	E12	4	☺
MC326.12.7E4P152-	1/2"	0,5000	0,060	0,276	0,484	1,114	0,575	0,394	E12	4	☺
★ MC326.15.9E4P076-	5/8"	0,6250	0,030	0,335	0,61	1,406	0,736	0,472	E16	4	☹
MC326.15.9E4P152-	5/8"	0,6250	0,060	0,335	0,61	1,406	0,736	0,472	E16	4	☺
MC326.19.1E4P152-	3/4"	0,7500	0,060	0,413	0,728	1,606	0,839	0,630	E20	4	☺
MC326.19.1E4P318-	3/4"	0,7500	0,125	0,413	0,728	1,606	0,839	0,630	E20	4	☺
MC326.25.4E5P152-	1"	1,0000	0,060	0,551	0,965	1,953	1,008	0,787	E25	5	☺
MC326.25.4E5P318-	1"	1,0000	0,125	0,551	0,965	1,953	1,008	0,787	E25	5	☺

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326.12.7E4P038-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

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

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

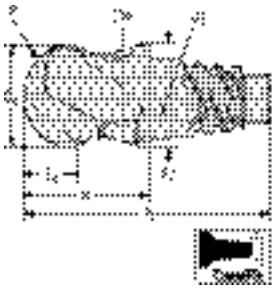
Solid carbide ball-nose copy milling cutters

MC430 mm

Z=2 | 48HRC | 40° | R

	P	M	K	N	S	H	O
WJ30TP	●●	●●	●	●			

Tool



ConeFit

Designation	R mm	D_c h9 mm	d_2 mm	L_c mm	l_4 mm	l_1 mm	SW mm	d_1	Z	WJ30TP
★ MC430-10.0E2P-	5	10	9,7	5,5	12,4	23,6	8	E10	2	☺
★ MC430-12.0E2P-	6	12	11,7	6,5	14,5	28,3	10	E12	2	☺
★ MC430-16.0E2P-	8	16	15,5	8,5	18,7	35,7	12	E16	2	☺
★ MC430-20.0E2P-	10	20	19,3	11	21,3	40,8	16	E20	2	☺

Ordering example for the grade WJ30TP: MC430-10.0E2P-WJ30TP

D1

WALTER SELECT

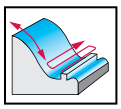
●● Primary application ● Other application

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

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

Solid carbide ball-nose copy milling cutters

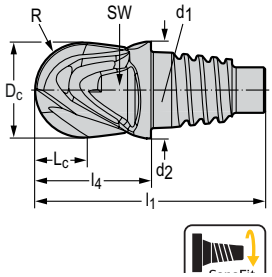
MC430 mm



Z=2 | 48HRC | 10° | R

	P	M	K	N	S	H	O
WJ30TP	●●	●●	●	●			

Tool



ConeFit

Designation	R mm	D_c h9 mm	d_2 mm	L_c mm	l_4 mm	l_1 mm	SW mm	d_1	Z	WJ30TP
★ MC430-10.0E2PS-	5	10	9,7	8	11,8	23	6	E10	2	☺
★ MC430-12.0E2PS-	6	12	11,7	10	14	27,8	8	E12	2	☺
★ MC430-16.0E2PS-	8	16	15,5	13	18,1	35,1	10	E16	2	☺

Ordering example for the grade WJ30TP: MC430-10.0E2PS-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

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

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

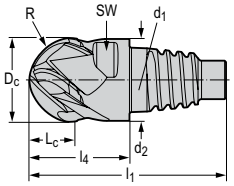
Solid carbide ball-nose copy milling cutters

MC430 mm

Z=4 | 40° | R

	P	M	K	N	S	H	O
WJ30TP	●●	●●	●	●			

Tool



ConeFit

Designation	R mm	D_c h9 mm	d_2 mm	L_c mm	l_4 mm	l_1 mm	SW mm	d_1	Z	WJ30TP
★ MC430-10.0E4P-	5	10	9,7	5,5	12,4	23,6	8	E10	4	☺
★ MC430-12.0E4P-	6	12	11,7	6,5	14,5	28,3	10	E12	4	☺
★ MC430-16.0E4P-	8	16	15,5	8,5	18,7	35,7	12	E16	4	☺
★ MC430-20.0E4P-	10	20	19,3	11	21,3	40,8	16	E20	4	☺
★ MC430-25.0E4P-	12,5	25	24,2	13,5	25,6	49,6	20	E25	4	☺

Ordering example for the grade WJ30TP: MC430-10.0E4P-WJ30TP

D1

WALTER SELECT

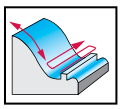
●● Primary application ● Other application

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

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

Solid carbide ball-nose copy milling cutters

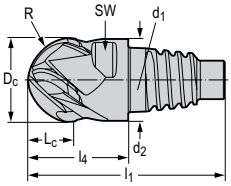
MC430 inch



Z=4 | 40° | R

	P	M	K	N	S	H	O
WJ30TP	●●	●●	●	●			

Tool



ConeFit

Designation	R inch	D_c h9 inch	d_2 inch	L_c inch	l_4 inch	l_1 inch	SW inch	d_1	Z	WJ30TP
★ MC430.9.53E4P-	0,187	0,3750	0,364	0,209	0,488	0,929	0,315	E10	4	☺
★ MC430.12.7E4P-	0,250	0,5000	0,484	0,276	0,575	1,114	0,394	E12	4	☺
★ MC430.15.9E4P-	0,312	0,6250	0,61	0,335	0,736	1,406	0,472	E16	4	☺
★ MC430.19.1E4P-	0,375	0,7500	0,728	0,413	0,839	1,606	0,630	E20	4	☺
★ MC430.25.4E4P-	0,500	1,0000	0,965	0,551	1,008	1,953	0,787	E25	4	☺

Ordering example for the grade WJ30TP: MC430.12.7E4P-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

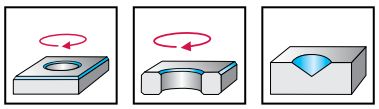
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

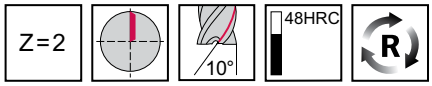
New addition to the product range = ☺ 😐 ☹ / ★

60° solid carbide chamfer mill

MC500 mm

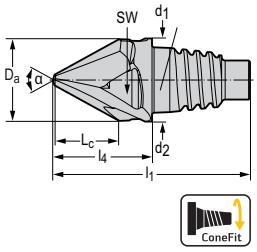
– Typ chamfer mill 60°





	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
★ MC500-10.0E2P060S-	1,5	10	9,7	7,23	23	12	60°	6	E10	2	☻
★ MC500-12.0E2P060S-	1,5	12	11,7	7,73	28	14	60°	8	E12	2	☻

Ordering example for the grade WJ30TP: MC500-10.0E2P060S-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

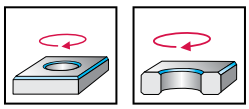
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

60° solid carbide chamfer mill

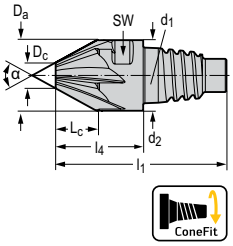
MC500 mm

– Typ chamfer mill 60°



	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
★ MC500-10.0E4P060-	3,5	10	9,7	5,6	24	12	60°	8	E10	4	☹
★ MC500-12.0E6P060-	4,5	12	11,7	6,5	28	15	60°	10	E12	6	☹

Ordering example for the grade WJ30TP: MC500-10.0E4P060-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

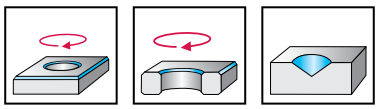
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

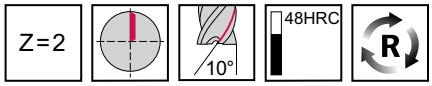
New addition to the product range = ☺ 😐 ☹ / ★

90° solid carbide chamfer mill

MC500 mm

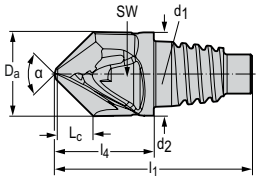
– Typ chamfer mill 90°





	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
★ MC500-10.0E2P090S-	1,5	10	9,7	4,23	23	12	90°	6	E10	2	☹
★ MC500-12.0E2P090S-	1,5	12	11,7	5,23	28	14	90°	8	E12	2	☹
★ MC500-16.0E2P090S-	1,5	16	15,5	7,23	35	18	90°	10	E16	2	☹

Ordering example for the grade WJ30TP: MC500-10.0E2P090S-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

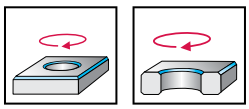
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

90° solid carbide chamfer mill

MC500 mm

– Typ chamfer mill 90°



	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
★ MC500-10.0E4P090-	1,5	10	9,7	4,25	24	12	90°	8	E10	4	😐
★ MC500-12.0E6P090-	3	12	11,7	4,5	28	13	90°	10	E12	6	😐
★ MC500-16.0E8P090-	3	16	15,5	6,5	36	17	90°	12	E16	8	😐

Ordering example for the grade WJ30TP: MC500-10.0E4P090-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

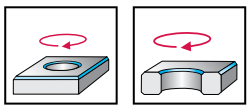
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

90° solid carbide chamfer mill

MC500 inch

– Typ chamfer mill 90°



	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool

Designation	D_c inch	D_a inch	d_2 inch	L_c inch	l_1 inch	l_4 inch	α	SW inch	d_1	Z	WJ30TP
★ MC500.12.7E6P090-	0,1181	0,500	0,484	0,191	1,114	0,512	90°	0,394	E12	6	☹
★ MC500.15.9E6P090-	0,2559	0,625	0,61	0,256	1,406	0,677	90°	0,472	E16	8	☹

ConeFit

Ordering example for the grade WJ30TP: MC500.12.7E6P090-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

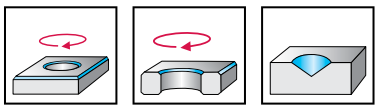
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

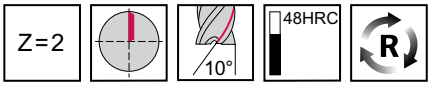
☺ 😐 ☹ / ★ = New addition to the product range

120° solid carbide chamfer mill

MC500 mm

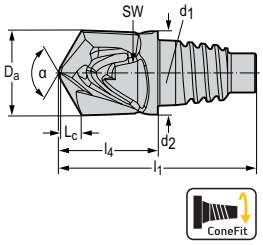
– Typ chamfer mill 120°





	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
★ MC500-10.0E2P120S-	1,5	10	9,7	2,43	23	12	120°	6	E10	2	☹
★ MC500-12.0E2P120S-	1,5	12	11,7	3,03	28	14	120°	8	E12	2	☹

Ordering example for the grade WJ30TP: MC500-10.0E2P120S-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

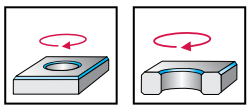
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

120° solid carbide chamfer mill

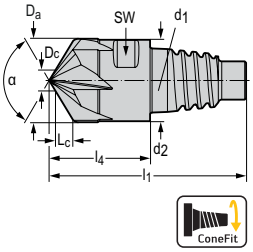
MC500 mm

– Typ chamfer mill 120°



	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool

	Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
	★ MC500-12.0E6P120-	3	12	11,7	2,6	28	14	120°	10	E12	6	☺

ConeFit

Ordering example for the grade WJ30TP: MC500-12.0E6P120-WJ30TP

D1

WALTER SELECT

●● Primary application ● Other application

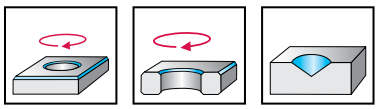
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

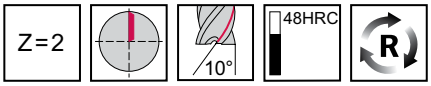
☺ 😐 ☹ / ★ = New addition to the product range

150° solid carbide chamfer mill

MC500 mm

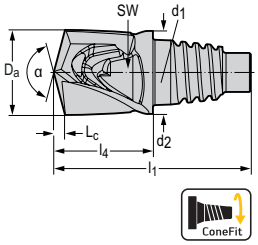
– Typ chamfer mill 150°





	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	α	SW mm	d_1	Z	WJ30TP
★ MC500-12.0E2P150S-	1,5	12	11,7	1,6	28	14	150°	8	E12	2	☻

Ordering example for the grade WJ30TP: MC500-12.0E2P150S-WJ30TP

D1

WALTER SELECT

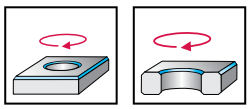
●● Primary application ● Other application

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

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

Solid carbide quarter-round profile mill

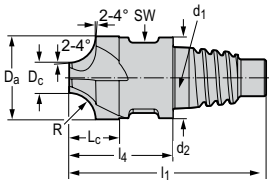
MC503 mm



Z=4 | 0° | 48HRC | R

	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	R mm	D_c mm	D_a mm	d_2 mm	L_c mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30TP
★ MC503-10.0E4P100-	1	5	10	9,7	1	23,6	12,4	8	E10	4	☻
★ MC503-10.0E4P200-	2	5	10	9,7	2	23,6	12,4	8	E10	4	☻
★ MC503-10.0E4P300-	3	4	10	9,7	3	23,6	12,4	8	E10	4	☻
★ MC503-12.0E4P300-	3	5	12	11,7	3	28,3	14,5	10	E12	4	☻
★ MC503-16.0E4P400-	4	6	16	15,5	4	35,7	18,7	12	E16	4	☻
★ MC503-16.0E4P500-	5	6	16	15,5	5	35,7	18,7	12	E16	4	☻
★ MC503-20.0E4P600-	6	8	20	19,3	6	40,8	21,3	16	E20	4	☻

Ordering example for the grade WJ30TP: MC503-10.0E4P100-WJ30TP

D1

WALTER SELECT

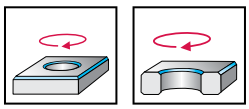
●● Primary application ● Other application

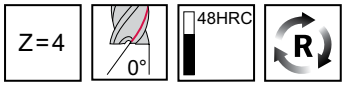
Best tool for → Good = ☻ → Average = ☻ → Poor = ☻ machining conditions

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

Solid carbide quarter-round profile mill

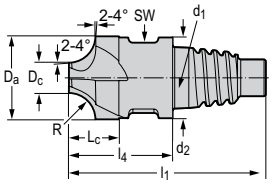
MC503 inch





	P	M	K	N	S	H	O
WJ30TP	●●	●	●	●	●		

Tool



ConeFit

Designation	R inch	D_c inch	D_a inch	d_2 inch	L_c inch	l_1 inch	l_4 inch	SW inch	d_1	Z	WJ30TP
★ MC503.10.0E4P318-	0,125	0,1437	0,394	0,382	0,125	0,929	0,488	0,315	E10	4	
★ MC503.16.0E4P476-	0,187	0,2551	0,630	0,61	0,187	1,406	0,736	0,472	E16	4	
★ MC503.20.0E4P635-	0,250	0,2874	0,787	0,760	0,250	1,606	0,839	0,630	E20	4	
★ MC503.25.0E4P794-	0,312	0,3150	0,984	0,953	0,312	1,953	1,008	0,787	E25	4	

Ordering example for the grade WJ30TP: MC503.10.0E4P318-WJ30TP

D1

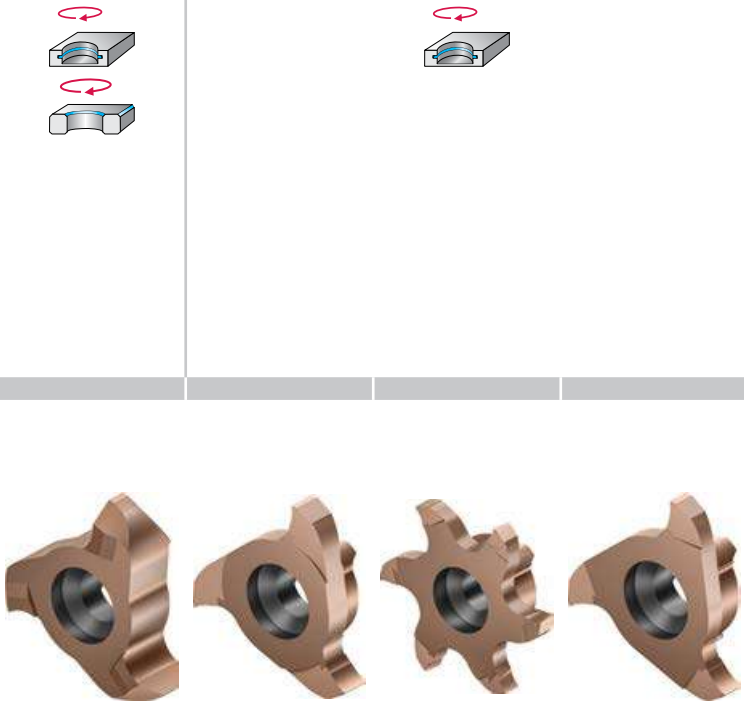
WALTER SELECT

●● Primary application ● Other application

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

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

Solid carbide milling tools with modular interface



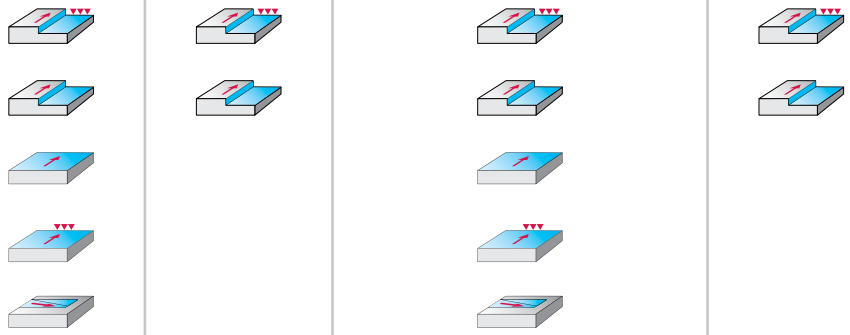
Designation	MG545	MG520	MG515	MG510
Diameter range	9,7–21,7	6,7–27,7	11,7–36,7	6,7–39,7
Number of teeth	3–6	3–6	6	3–6
Corner radius				
Diameter range	—	—	—	0,382–0,854
Number of teeth				3–6
Corner radius				
Standard				
Coating / grade	WMP35X	WMP35X	WMP35X	WMP35X
Shank	Modular interface	Modular interface	Modular interface	Modular interface
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●
H Hard materials	●●	●●	●●	●●
O Other				
Page in catalogue				
QR code				
www.walter-tools.com/woc/	MG545	MG520	MG515	MG510

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters



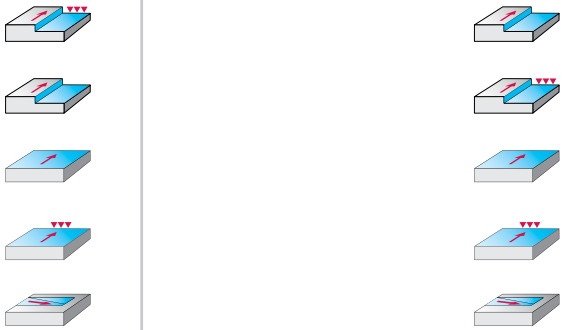
Designation					
Diameter range	40–63	32–40	50–80	40–63	25–40
Number of teeth	6	4–6	6–8	6	4–6
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WP40	WP40	WP40	WKM	WKM
Shank	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor	DIN 1835 B
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	F1682	F1678	F1675	F1682	F1678

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters



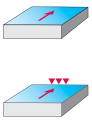
Designation		MP271 F0	MP270 F0	MP260 F0	MP170 F0
Diameter range	50–80	16–25	4–25	16–20	16–25
Number of teeth	6–8	3	2–3	2–3	3–4
Corner radius		0,4	0,1–3	0,2	0,2
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WKM	WDN20	WDN20	WDN20	WDN20
Shank	Shell mill mount DIN 138 transverse keyway	DIN 6535 HA	DIN 6535 HA	ScrewFit	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron	●●				
N NF metals		●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other		●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	F1675	MP271	MP270	MP260	MP170

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



Designation	MP160 F0	MP060 F0
Diameter range	20–40	40,6–125,6
Number of teeth	4	10–22
Corner radius	0,2	—
Diameter range	—	—
Number of teeth		
Corner radius		
Standard		
Coating / grade	WDN20	WDN20
Shank	ScrewFit	Shell mill mount DIN 138 transverse keyway
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other	●	●
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MP160	MP060

WALTER SELECT

●● Primary application ● Other application

D1

PCD-, ceramic-, carbide-tipped milling tools

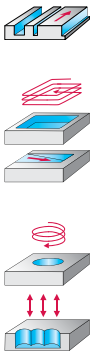
Designation	**MP470 F0**	
Diameter range	4–16	
Number of teeth	2	
Corner radius	2–8	
Diameter range	—	
Number of teeth		
Corner radius		
Standard		
Coating / grade	WDN20	
Shank	DIN 6535 HA	
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	
S Materials with difficult cutting properties		
H Hard materials		
O Other	●	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MP470	

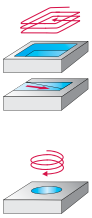
D1

WALTER SELECT

●● Primary application ● Other application

PCD-, ceramic-, carbide-tipped milling tools





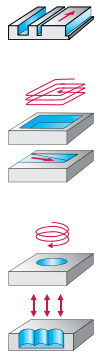
Designation	MC275	MC075
Diameter range	8–12	8–12
Number of teeth	4–6	4
Corner radius	1	1–1,5
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WIS10	WIS10
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MC275	MC075

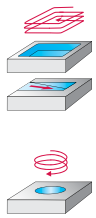
WALTER SELECT

●● Primary application ● Other application

D1

PCD-, ceramic-, carbide-tipped milling tools





Designation	MC275	MC075
Diameter range	12–25	16–25
Number of teeth	4–8	4
Corner radius	1–1,5	2–3
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WIS10	WIS10
Shank	ConeFit	ConeFit
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MC275	MC075

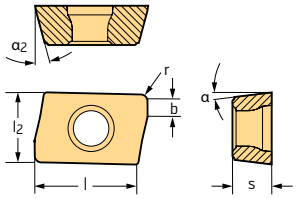
D1

WALTER SELECT

●● Primary application ● Other application


WALTER
A150M.0.63.MM

Positive rhombic
ACGT / ACMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	$α_2$	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	ACGT060204R-G65	G	2	2,38	6,7	4,4	0,4	7°	15°	0,9					☹	☺	☹									☺	☹
	ACGT060204R-M85	G	2	2,38	6,7	4,4	0,4	7°	15°	0,9														☺	☺		
	ACMT060202R-G55	M	2	2,38	6,7	4,4	0,2	7°	15°	1		☺			☹		☹				☺						☹
	ACMT060204R-G55	M	2	2,38	6,7	4,4	0,4	7°	15°	0,9	☺	☺	☺	☹	☹	☺	☹	☺	☺	☺	☺	☺	☹			☺	☹
	ACMT060208R-G55	M	2	2,38	6,7	4,4	0,8	7°	15°	0,8		☺	☺	☹	☹		☹				☺	☺	☹				☹
	ACMT060212R-G55	M	2	2,38	6,7	4,4	1,2	7°	15°	0,6		☺			☹		☹				☺						☹
	ACMT060216R-G55	M	2	2,38	6,7	4,4	1,6	7°	15°	0,1		☺			☹		☹				☺						☹
	ACMT060204R-K55	M	2	2,38	6,7	4,4	0,4	7°	15°	0,9		☺			☺	☺	☺				☺					☺	☺

Ordering example for the grade WSM35G: ACGT060204R-G65 WSM35G

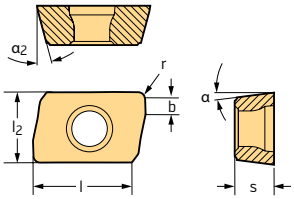
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Positive rhombic
BCGT / BCHT / BCMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	s mm	l mm	r mm	α	$α_2$	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT090304R-G55	G	2	6,3	3,21	10,3	0,4	7°	15°	1,2		😐	😐		☹	😐		☹				😐	😐				😐		☹
	BCGT120408R-G55	G	2	7,3	4,8	13,8	0,8	7°	15°	1,3		😐	😐		☹	😐		☹				😐	😐				😐		☹
	BCGT160508R-G55	G	2	9,9	5,75	17,3	0,8	7°	15°	2		😐	😐	😐	☹	😐		☹	☺			😐	😐	😐			😐		☹
	BCGT090304L-K85	G	2	6,3	3,21	10,3	0,4	7°	15°	1,2															😐				
	BCGT090304R-K85	G	2	6,3	3,21	10,3	0,4	7°	15°	1,2															☺	😐			
	BCHT120404L-K85	H	2	7,3	4,8	13,8	0,4	7°	15°	1,7															😐				
	BCHT120404R-K85	H	2	7,3	4,8	13,8	0,4	7°	15°	1,7															☺	😐			
	BCHT120408L-K85	H	2	7,3	4,8	13,8	0,8	7°	15°	1,3															😐				
	BCHT120408R-K85	H	2	7,3	4,8	13,8	0,8	7°	15°	1,3															☺	😐			
	BCHT120412L-K85	H	2	7,3	4,8	13,8	1,2	7°	15°	1,2															😐				
	BCHT120412R-K85	H	2	7,3	4,8	13,8	1,2	7°	15°	1,2															☺	😐			
	BCHT120416L-K85	H	2	7,3	4,8	13,8	1,6	7°	15°	1,1															😐				
	BCHT120416R-K85	H	2	7,3	4,8	13,8	1,6	7°	15°	1,1															☺	😐			
	BCHT120420L-K85	H	2	7,3	4,8	13,8	2	7°	15°	1,2															😐				
	BCHT120420R-K85	H	2	7,3	4,8	13,8	2	7°	15°	1,2															☺	😐			
	BCHT120425R-K85	H	2	7,3	4,8	13,8	2,5	7°	15°	1															☺	😐			
	BCHT120430L-K85	H	2	7,3	4,8	13,8	3	7°	15°	0,7															😐				
	BCHT120430R-K85	H	2	7,3	4,8	13,8	3	7°	15°	0,7															☺	😐			
	BCHT120440L-K85	H	2	7,3	4,8	13,8	4	7°	15°	0,4															😐				
	BCHT120440R-K85	H	2	7,3	4,8	13,8	4	7°	15°	0,4															☺	😐			
	BCHT160508L-K85	H	2	9,9	5,75	17,3	0,8	7°	15°	2															😐				
	BCHT160508R-K85	H	2	9,9	5,75	17,3	0,8	7°	15°	2															☺	😐			
	BCHT160512R-K85	H	2	9,9	5,75	17,3	1,2	7°	15°	1,7															☺	😐			
	BCHT160516R-K85	H	2	9,9	5,75	17,3	1,6	7°	15°	1,7															☺	😐			
	BCHT160520R-K85	H	2	9,9	5,75	17,3	2	7°	15°	1,5															☺	😐			
	BCHT160525R-K85	H	2	9,9	5,75	17,3	2,5	7°	15°	1,4															☺	😐			
	BCHT160530R-K85	H	2	9,9	5,75	17,3	3	7°	15°	1,2															☺	😐			
	BCHT160540R-K85	H	2	9,9	5,75	17,3	4	7°	15°	1,1															☺	😐			
	BCMT090304R-F55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2	☺	😐	😐	☹	☹		☹	☹	☺	😐	😐	😐	😐	☹				☹	☹
	BCMT120408R-F55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3	☺	😐	😐	☹	☹			☹	☺	😐	😐	😐	😐	☹					☹
	BCMT160508R-F55	M	2	9,9	5,75	17,3	0,8	7°	15°	2	☺	😐	😐	☹	☹		☹	☹	☺	😐	😐	😐	😐	☹				☹	☹
	BCMT090302R-G55	M	2	6,3	3,21	10,3	0,2	7°	15°	1,4		😐	😐	☹	☹			☹				😐	😐	☹					☹
	BCMT090304L-G55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2		☹			☹			☹				☹							☹
	BCMT090304R-G55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2	☺	😐	😐		☹	😐	☹	☹	☺	😐	😐	😐	😐				😐	☹	☹
	BCMT090308L-G55	M	2	6,3	3,21	10,3	0,8	7°	15°	0,8		☹			☹			☹				☹							☹
	BCMT090308R-G55	M	2	6,3	3,21	10,3	0,8	7°	15°	0,8		😐	😐	☹	☹		☹	☹				😐	😐	☹				☹	☹
	BCMT090312R-G55	M	2	6,3	3,21	10,3	1,2	7°	15°	0,4		😐	😐		☹			☹				😐	😐						☹
	BCMT090316R-G55	M	2	6,3	3,21	10,3	1,6	7°	15°	0,4		😐	😐		☹		☹	☹				😐	😐					☹	☹
	BCMT090320R-G55	M	2	6,3	3,21	10,3	2	7°	15°	0,4		😐	😐		☹		☹	☹				😐	😐					☹	☹
	BCMT120404L-G55	M	2	7,3	4,8	13,8	0,4	7°	15°	1,3		☹			☹			☹				☹							☹
	BCMT120404R-G55	M	2	7,3	4,8	13,8	0,4	7°	15°	1,3		😐	😐	☹	☹			☹				😐	😐	☹					☹
	BCMT120408L-G55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3		☹			☹			☹				☹							☹
	BCMT120408R-G55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3	☺	😐	😐	☹	☹	😐	☹	☹		😐	😐	😐	😐	☹			😐	☹	☹

Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

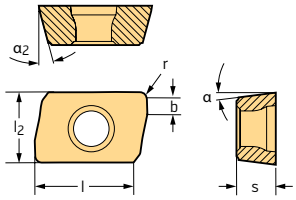
HC = Coated carbide
HW = Uncoated carbide

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

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

D2

Positive rhombic
BCGT / BCHT / BCMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	s mm	l mm	r mm	α	$α_2$	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCMT120412L-G55	M	2	7,3	4,8	13,8	1,2	7°	15°	1,2		😐			☹			☹				😐							☹
	BCMT120412R-G55	M	2	7,3	4,8	13,8	1,2	7°	15°	1,2		☺	☺		☹			☹				☺	☺						☹
	BCMT120416L-G55	M	2	7,3	4,8	13,8	1,6	7°	15°	1,1		😐			☹			☹				😐							☹
	BCMT120416R-G55	M	2	7,3	4,8	13,8	1,6	7°	15°	1,1		☺	☺		☹		☹	☹				☺	☺					☹	☹
	BCMT120420L-G55	M	2	7,3	4,8	13,8	2	7°	15°	1,2		😐			☹			☹				😐							☹
	BCMT120420R-G55	M	2	7,3	4,8	13,8	2	7°	15°	1,2		☺	☺	😐	☹			☹				☺	☺	😐					☹
	BCMT120425R-G55	M	2	7,3	4,8	13,8	2,5	7°	15°	1		☺	☺		☹			☹				☺	☺						☹
	BCMT120430L-G55	M	2	7,3	4,8	13,8	3	7°	15°	0,7		😐			☹			☹				😐							☹
	BCMT120430R-G55	M	2	7,3	4,8	13,8	3	7°	15°	0,7		☺	☺		☹		☹	☹				☺	☺					☹	☹
	BCMT120432R-G55	M	2	7,3	4,8	13,8	3,2	7°	15°	0,5		☺	☺		☹			☹				☺	☺						☹
	BCMT120440L-G55	M	2	7,3	4,8	13,8	4	7°	15°	0,4		😐			☹			☹				😐							☹
	BCMT120440R-G55	M	2	7,3	4,8	13,8	4	7°	15°	0,4		☺	☺		☹			☹				☺	☺						☹
	BCMT160508L-G55	M	2	9,9	5,75	17,3	0,8	7°	15°	2		😐			☹			☹				😐							☹
	BCMT160508R-G55	M	2	9,9	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	😐	☹	☺		☹	☺	☺	☺	☺	☺	😐			☺		☹
	BCMT160512L-G55	M	2	9,9	5,75	17,3	1,2	7°	15°	1,7		😐			☹			☹				😐							☹
	BCMT160512R-G55	M	2	9,9	5,75	17,3	1,2	7°	15°	1,7		☺	☺	😐	☹		☹	☹				☺	☺	😐				☹	☹
	BCMT160516L-G55	M	2	9,9	5,75	17,3	1,6	7°	15°	1,5		😐			☹			☹				😐							☹
	BCMT160516R-G55	M	2	9,9	5,75	17,3	1,6	7°	15°	1,5		☺	☺		☹		☹	☹				☺	☺					☹	☹
	BCMT160520L-G55	M	2	9,9	5,75	17,3	2	7°	15°	1,5		😐			☹			☹				😐							☹
	BCMT160520R-G55	M	2	9,9	5,75	17,3	2	7°	15°	1,5		☺	☺		☹		☹	☹				☺	☺					☹	☹
	BCMT160525R-G55	M	2	9,9	5,75	17,3	2,5	7°	15°	1,4		☺	☺		☹			☹				☺	☺						☹
	BCMT160530L-G55	M	2	9,9	5,75	17,3	3	7°	15°	1,2		😐			☹			☹				😐							☹
	BCMT160530R-G55	M	2	9,9	5,75	17,3	3	7°	15°	1,2		☺	☺	😐	☹			☹				☺	☺	😐					☹
	BCMT160532R-G55	M	2	9,9	5,75	17,3	3,2	7°	15°	1,1		☺	☺		☹			☹				☺	☺						☹
	BCMT160540L-G55	M	2	9,9	5,75	17,3	4	7°	15°	1,1		😐			☹			☹				😐							☹
	BCMT160540R-G55	M	2	9,9	5,75	17,3	4	7°	15°	1,1		☺	☺		☹		☹	☹				☺	☺					☹	☹
	BCMT160550L-G55	M	2	9,9	5,75	17,3	5	7°	15°	0,7		😐			☹			☹				😐							☹
	BCMT160550R-G55	M	2	9,9	5,75	17,3	5	7°	15°	0,7		☺	☺		☹			☹				☺	☺						☹
	BCMT160560L-G55	M	2	9,9	5,75	17,3	6	7°	15°	0,1		😐			☹			☹				😐							☹
	BCMT160560R-G55	M	2	9,9	5,75	17,3	6	7°	15°	0,1		☺	☺	😐	☹		☹	☹				☺	☺	😐				☹	☹
	BCMT090304R-K55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2		☺	☺		☺	☺		☺				☺	☺				☺		☺
	BCMT120408R-K55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3		☺	☺		☺	☺		☺				☺	☺				☺		☺
	BCMT160508R-K55	M	2	9,9	5,75	17,3	0,8	7°	15°	2		☺	☺		☺	☺		☺				☺	☺				☺		☺
	BCGT160508R-G51	G	2	9,9	5,75	17,3	0,8	7°	15°	2		☺	☺	😐	☹			☹				☺	☺	😐					☹
	BCMT160508R-G55W	M	2	9,9	5,75	17,3	0,8	7°	15°	2					☹		☹	☹										☹	☹
	BCMT160516R-G55W	M	2	9,9	5,75	17,3	1,6	7°	15°	1,5					☹		☹	☹										☹	☹
	BCMT160530R-G55W	M	2	9,9	5,75	17,3	3	7°	15°	1,2					☹		☹	☹										☹	☹
	BCMT160540R-G55W	M	2	9,9	5,75	17,3	4	7°	15°	1,5					☹		☹	☹										☹	☹

Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

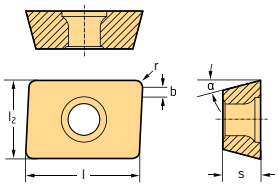
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Positive rhombic
LDMW / LDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSP45G
	LDMW08T204R-A57	M	2	2,58	8,88	6,1	0,4	15°	0,8	😊	☹							😐	☹				
	LDMW14T308R-A57	M	2	4,08	14,1	9,68	0,8	15°	1,2		☹								☹				
	LDMW170408R-A57	M	2	4,92	17,24	11,78	0,8	15°	1,6		☹								☹				
	LDMT08T204R-D51	M	2	2,58	8,88	6,1	0,4	15°	0,8	😊	😐	😐		☹		☹		😐	☹	☹			☹
	LDMT14T308R-D51	M	2	4,08	14,1	9,68	0,8	15°	1,2	😊	😐	😐	😐 ★	☹		☹		😐	☹	☹	☹ ★		☹
	LDMT170408R-D51	M	2	4,92	17,24	11,78	0,8	15°	1,6		😐	😐	😐 ★	☹		☹			☹	☹	☹ ★		☹
	LDMT170412R-D51	M	2	4,92	17,24	11,78	1,2	15°	1,6		😐			☹		☹			☹				☹
	LDMT08T204R-D57	M	2	2,58	8,88	6,1	0,4	15°	0,8	😊	😐	😐		☹		☹		😐	☹	☹			☹
	LDMT14T308R-D57	M	2	4,08	14,1	9,68	0,8	15°	1,2	😊	😐	😐	😐 ★	☹	😐	☹	😐	😐	☹	☹	☹ ★	😐	☹
	LDMT170408R-D57	M	2	4,92	17,24	11,78	0,8	15°	1,6	😊	😐	😐	😐 ★	☹		☹	😐	😐	☹	☹	☹ ★		☹
	LDMT08T204R-F57	M	2	2,58	8,88	6,1	0,4	15°	0,8	😊	😐	😐		☹		☹		😐	☹	☹			☹
	LDMT14T308R-F57	M	2	4,08	14,1	9,68	0,8	15°	1,2	😊	😐	😐	😐 ★	☹	😐	☹		😐	☹	☹	☹ ★	😐	☹
	LDMT170408R-F57	M	2	4,92	17,24	11,78	0,8	15°	1,6	😊	😐	😐	😐 ★	☹	😐	☹		😐	☹	☹	☹ ★	😐	☹

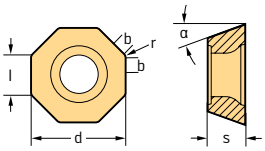
Ordering example for the grade WKP25S: LDMW08T204R-A57 WKP25S
Ordering example for the grade WKP35G: LDMW08T204R-A57 WKP35G

HC = Coated carbide

D2

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

Positive octagonal
ODHT / ODHW / ODMT / ODMW
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ODHT050408-F57	H	8	4,76	12,7	5,26	0,8	15°			😐	😐	🙁	☹			☹				☹	☹	☹					☹
	ODHT060512-F57	H	8	5,56	15,88	6,58	1,2	15°			😐	😐	🙁	☹			☹				☹	☹	☹					☹
	ODHW0504ZZN-A57	H	8	4,76	12,7	5,26	0,8	15°	1,2	😐	☹	☹	☹					☺		😐	☹	☹	☹					
	ODHW0605ZZN-A57	H	8	5,56	15,88	6,58	0,8	15°	1,6	😐	☹	☹	☹					☺		😐	☹	☹	☹					
	ODHT0504ZZN-F57	H	8	4,76	12,7	5,26	0,8	15°	1,2	☺	😐	😐	🙁	☹	😐		☹			😐	☹	☹	☹			😐		☹
	ODHT0605ZZN-F57	H	8	5,56	15,88	6,58	0,8	15°	1,6	☺	😐	😐	🙁	☹	😐		☹			😐	☹	☹	☹			😐		☹
	ODHT0504ZZN-G77	H	8	4,76	12,7	5,26	0,8	15°	1,6					😐			😐											😐
	ODHT0605ZZN-G77	H	8	5,56	15,88	6,58	0,8	15°	1,6					😐			😐											😐
	ODHT0504ZZN-G88	H	8	4,76	12,7	5,26	0,8	15°	1,2															☺	😐			
	ODHT0605ZZN-G88	H	8	5,56	15,88	6,58	0,8	15°	1,6															☺	😐			
	ODMT0504ZZN-F57	M	8	4,76	12,7	5,26	0,8	15°	1,2		😐	😐		☹	😐		☹				☹	☹				😐		☹
	ODMT0605ZZN-F57	M	8	5,56	15,88	6,58	0,8	15°	1,6	☺	😐	😐		☹	😐		☹			😐	☹	☹				😐		☹
	ODMT050408-D57	M	8	4,76	12,7	5,26	0,8	15°			😐	😐	🙁	☹	😐		☹		😐		☹	☹	☹			😐		☹
	ODMT060512-D57	M	8	5,56	15,88	6,58	1,2	15°			😐	😐	🙁	☹	😐		☹		😐		☹	☹	☹			😐		☹
	ODMT0504ZZN-D57	M	8	4,76	12,7	5,26	0,8	15°	1,2	☺	😐	😐	🙁	☹	😐	☹	☹		😐	😐	☹	☹	☹			😐	☹	☹
	ODMT0605ZZN-D57	M	8	5,56	15,88	6,58	0,8	15°	1,6	☺	😐	😐	🙁	☹	😐	☹	☹		😐	😐	☹	☹	☹			😐	☹	☹
	ODMW050408T-A27	M	8	4,76	12,7	5,26	0,8	15°		😐	☹	☹	☹						😐	😐	☹	☹	☹					
	ODMW060508T-A27	M	8	5,56	15,88	6,58	0,8	15°		😐	☹	☹	☹						😐	😐	☹	☹	☹					
	ODMW050408-A57	M	8	4,76	12,7	5,26	0,8	15°		😐		☹	☹					☺	😐	😐		☹	☹					
	ODMW060508-A57	M	8	5,56	15,88	6,58	0,8	15°		😐	☹	☹	☹					☺	😐	😐	☹	☹	☹					

Ordering example for the grade WKP35G: ODHT050408-F57 WKP35G

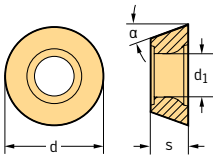
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Positive round
ROMX / ROHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WKP35G	P HC WKP35S	P HC WMP45G	P HC WSP45G	M HC WSM35G	M HC WMP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ROMX0803M0-D57	M	4	3,18	8	11°	3,4					😐						😐		
	ROMX10T3M0-D57	M	4	3,97	10	11°	4,4	😐	😐	☹	☹	😐	☹	☹	☹	☹	☹	😐	☹	☹
	ROMX1204M0-D57	M	4	4,76	12	11°	4,4	😐	😐	☹	☹	😐	☹	☹	☹	☹	☹	😐	☹	☹
	ROMX1605M0-D57	M	6	5,56	16	15°	5,5	😐	😐		☹	😐			☹	☹	☹	😐		☹
	ROMX2006M0-D57	M	8	6,35	20	15°	6,5					😐						😐		
	ROMX10T3M0-D67	M	8	3,97	10	11°	3,9				😐	😐		😐	😐			😐	😐	😐
	ROMX1204M0-D67	M	4	4,76	12	11°	4,4			😐	😐		😐	😐	😐				😐	😐
	ROMX10T3M0-F67	M	4	3,97	10	11°	4,4			☹	☹		☹	☹	☹				☹	☹
	ROMX1204M0-F67	M	4	4,76	12	11°	4,4			☹	☹		☹	☹	☹				☹	☹
	ROMX250700-G77	M	8	7,94	25	15°	8,6				😐				😐					😐
	ROHX1204M0T-A27	H	4	4,76	12	11°	4,4	☹	☹							☹	☹			
	ROHX1605M0T-A27	H	6	5,56	16	15°	5,5	☹	☹							☹	☹			
	ROHX0803M0-D57	H	4	3,18	8	11°	3,4					😐						😐		
	ROHX10T3M0-D57	H	4	3,97	10	11°	4,4		😐		☹	😐			☹		☹	😐		☹
	ROHX1204M0-D57	H	4	4,76	12	11°	4,4	😐	😐		☹	😐			☹	☹	☹	😐		☹
	ROHX1605M0-D57	H	6	5,56	16	15°	5,5		😐		☹				☹		☹			☹
	ROHX2006M0-D57	H	8	6,35	20	15°	6,5				☹				☹					☹
	ROHX0803M0-D67	H	4	3,18	8	11°	3,4					😐						😐		
	ROHX10T3M0-D67	H	4	3,97	10	11°	4,4				😐	😐			😐			😐		😐
	ROHX1204M0-D67	H	4	4,76	12	11°	4,4	😐			😐	😐			😐	😐		😐		😐
	ROHX1605M0-D67	H	6	5,56	16	15°	5,5				😐				😐					😐
	ROHX10T3M0-F67	H	4	3,97	10	11°	4,4				☹	😐			☹			😐		☹
	ROHX1204M0-F67	H	4	4,76	12	11°	4,4	😐			☹	😐			☹	☹		😐		☹

Ordering example for the grade WSM35G: ROMX0803M0-D57 WSM35G

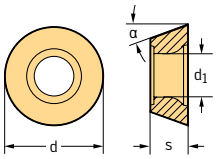
HC = Coated carbide

D2

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

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

Positive round
ROMX / ROHX / ROGX
Tiger·tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
ROMX10T3M0T8-A27	M	8	3,97	10	11°	3,9		😐	☹	☹							😐	😐	☹	☹							
ROMX1204M0T8-A27	M	8	4,76	12	11°	4,4		😐	☹	☹							😐	😐	☹	☹							
ROMX1605M0T8-A27	M	8	5,56	16	15°	5,5		😐	☹	☹							😐	😐	☹	☹							
ROMX2006M0T8-A27	M	8	6,35	20	15°	6,5		😐	☹	☹							😐	😐	☹	☹							
ROMX0803M04-D57	M	4	3,18	8	11°	3,4		☺		😐	★	☹	😐		☹		😐	😐		☹	★			😐		☹	
ROMX10T3M08-D57	M	8	3,97	10	11°	3,9		☺	😐	😐	★	☹	😐		☹		😐	😐	☹	☹	★			😐		☹	
ROMX1204M08-D57	M	8	4,76	12	11°	4,4		☺	😐	😐	★	☹	😐		☹		😐	😐	☹	☹	★			😐		☹	
ROMX1605M08-D57	M	8	5,56	16	15°	5,5		☺	😐	😐	★	☹	😐		☹		😐	😐	☹	☹	★			😐		☹	
ROMX2006M08-D57	M	8	6,35	20	15°	6,5		☺	😐	😐	★	☹	😐		☹		😐	😐	☹	☹	★			😐		☹	
ROMX10T3M08-F67	M	8	3,97	10	11°	3,9						☹	😐	☹	☹									😐	☹	☹	
ROMX1204M08-F67	M	8	4,76	12	11°	4,4						☹	😐	☹	☹									😐	☹	☹	
ROMX1605M08-F67	M	8	5,56	16	15°	5,5						😐	😐	☹	😐									😐	☹	😐	
ROHX2006M0T8-A27	H	8	6,35	20	15°	6,5				☹	★									☹	★						
ROHX0803M04-A57	H	4	3,18	8	11°	3,4	☺	😐	☹	☹						☺	😐	😐	☹	☹							☺
ROHX10T3M08-A57	H	8	3,97	10	11°	3,9	☺	😐	☹	☹						☺	😐	😐	☹	☹							☺
ROHX1204M08-A57	H	8	4,76	12	11°	4,4	☺	😐	☹	☹						☺	😐	😐	☹	☹							☺
ROHX1605M08-A57	H	8	5,56	16	15°	5,5	☺	😐	☹	☹						☺	😐	😐	☹	☹							☺
ROHX2006M08-A57	H	8	6,35	20	15°	6,5	☺	😐	☹	☹						☺	😐	😐	☹	☹							☺
ROHX0803M04-D57	H	4	3,18	8	11°	3,4				😐	★	☹	😐		☹					☹	★			😐		☹	
ROHX2006M08-D57	H	8	6,35	20	15°	6,5				😐	★									☹	★						
ROHX0803M04-D67	H	4	3,18	8	11°	3,4						😐			😐											😐	
ROGX0803M04-G88	G	4	3,18	8	11°	3,4																☺	😐				
ROGX10T3M08-G88	G	8	3,97	10	11°	3,9																☺	😐				
ROGX1204M08-G88	G	8	4,76	12	11°	4,4																☺	😐				
ROGX1605M08-G88	G	8	5,56	16	15°	5,5																☺	😐				
ROGX2006M08-G88	G	8	6,35	20	15°	6,5																☺	😐				

Ordering example for the grade WKK25G: ROMX10T3M0T8-A27 WKK25G

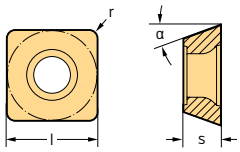
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Positive square
SCMT / SCGT / SCHT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WN15	S HC WSM45X	S HC WSP45G
	SCMT110502-G55	M	4	5,16	11,1	0,2	11°	☺	☺	😐	☹		☹	☺	☺	😐				☹
	SCMT110502-G55W	M	4	5,16	11,1	0,2	11°				☹	☹	☹						☹	☹
	SCMT110502-F55	M	4	5,16	11,1	0,2	11°	☺	☺	😐	☹		☹	☺	☺	😐				☹
	SCGT110502-G51	G	4	5,16	11,1	0,2	11°	☺	☺	😐	☹		☹	☺	☺	😐				☹
	SCHT110502-K85	H	4	5,16	11,1	0,2	11°										☺	☺		

Ordering example for the grade WKP35G: SCMT110502-G55 WKP35G

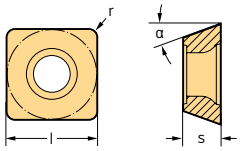
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Finishing inserts
SDHT / SDMW / SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	2,78	6,35	0,4																☺	😐			
	SDHT09T304-G88	H	4	3,97	9,52	0,4																☺	😐			
	SDHT09T308-G88	H	4	3,97	9,52	0,8																☺	😐			
	SDHT120408-G88	H	4	4,76	12,7	0,8																☺	😐			
	SDMW06T204-A57	M	4	2,78	6,35	0,4	15°	😐	☹	☹								😐	☹	☹						
	SDMW09T308-A57	M	4	3,97	9,52	0,8	15°	😐	☹	☹	☹							😐	☹	☹	☹					
	SDMW09T320-A57	M	4	3,97	9,52	2	15°		☹			☹			☹		😐		☹							☹
	SDMW120408-A57	M	4	4,76	12,7	0,8	15°	😐	☹	☹	☹							😐	☹	☹	☹					
	SDMW120425-A57	M	4	4,76	12,7	2,5	15°		☹			☹			☹		😐		☹							☹
	SDMT06T204-D51	M	4	2,78	6,35	0,4	15°	☺	😐	😐	😐	☹			☹			😐	☹	☹	☹					☹
	SDMT09T308-D51	M	4	3,97	9,52	0,8	15°	☺	😐	😐	😐	☹			☹			😐	☹	☹	☹					☹
	SDMT120408-D51	M	4	4,76	12,7	0,8	15°	☺	😐	😐	😐	☹			☹			😐	☹	☹	☹					☹
	SDMT06T204-D57	M	4	2,78	6,35	0,4	15°	☺	😐	😐	😐	☹	😐		☹		😐	😐	☹	☹	☹			😐		☹
	SDMT09T308-D57	M	4	3,97	9,52	0,8	15°	☺	😐	😐	😐	☹	😐		☹		😐	😐	☹	☹	☹			😐		☹
	SDMT120408-D57	M	4	4,76	12,7	0,8	15°	☺	😐	😐	😐	☹	😐		☹		😐	😐	☹	☹	☹			😐		☹
	SDMT06T204-F57	M	4	2,78	6,35	0,4	15°	☺	😐	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	☹			😐	☹	☹
	SDMT06T208-F57	M	4	2,78	6,35	0,8	15°		😐	😐	😐	☹			☹				☹	☹	☹					☹
	SDMT06T212-F57	M	4	2,78	6,35	1,2	15°		😐	😐	😐	☹	😐	☹	☹				☹	☹	☹			😐	☹	☹
	SDMT09T304-F57	M	4	3,97	9,52	0,4	15°		😐	😐		☹			☹				☹	☹						☹
	SDMT09T308-F57	M	4	3,97	9,52	0,8	15°	☺	😐	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	☹			😐	☹	☹
	SDMT09T312-F57	M	4	3,97	9,52	1,2	15°		😐	😐		☹			☹				☹	☹						☹
	SDMT09T316-F57	M	4	3,97	9,52	1,6	15°		😐	😐		☹			☹				☹	☹						☹
	SDMT09T320-F57	M	4	3,97	9,52	2	15°		😐	😐	😐	☹	😐	☹	☹				☹	☹	☹			😐	☹	☹
	SDMT120408-F57	M	4	4,76	12,7	0,8	15°	☺	😐	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	☹			😐	☹	☹
	SDMT120412-F57	M	4	4,76	12,7	1,2	15°		😐	😐	😐	☹			☹				☹	☹	☹					☹
	SDMT120416-F57	M	4	4,76	12,7	1,6	15°		😐	😐		☹			☹				☹	☹						☹
	SDMT120420-F57	M	4	4,76	12,7	2	15°		😐	😐		☹			☹				☹	☹						☹
	SDMT120425-F57	M	4	4,76	12,7	2,5	15°		😐	😐	😐	☹	😐	☹	☹				☹	☹	☹			😐	☹	☹

Ordering example for the grade WK10: SDHT06T204-G88 WK10

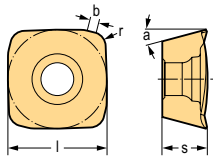
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Positive square
SDMX
Tiger·tec® Gold



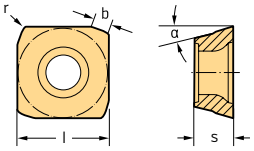
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMX0904ZDR-E27	M	4	4,62	9,52	1	15°	0,8	☺			☹	☺		☹	☹			☺		☹
	SDMX1205ZDR-E27	M	4	5,84	12,7	2	15°	1,2	☺	☺	☹	☹	☺		☹	☹	☹	☹	☺		☹
	SDMX0904ZDR-E57	M	4	4,62	9,52	1	15°	0,8	☺			☹	☹	☹	☹	☹			☹	☹	☹
	SDMX1205ZDR-E57	M	4	5,84	12,7	2	15°	1,2	☺			☹	☹	☹	☹	☹			☹	☹	☹

Ordering example for the grade WKP35G: SDMX0904ZDR-E27 WKP35G

HC = Coated carbide

Positive square
SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSP45G
	SDMT06T2ZDR-D57	M	4	2,78	6,35	0,4	15°	1,2	☺	☺	☹	☹	☹	☹	☹	☹	☹
	SDMT09T3ZDR-D57	M	4	3,97	9,52	0,8	15°	1,2	☺	☺	☹	☹	☹	☹	☹	☹	☹
	SDMT1204ZDR-D57	M	4	4,76	12,7	0,8	15°	1,8	☺	☺	☹	☹	☹	☹	☹	☹	☹

Ordering example for the grade WKP35G: SDMT06T2ZDR-D57 WKP35G

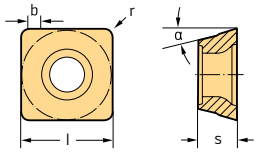
HC = Coated carbide

D2

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

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

Positive square
SDGT
Tiger·tec® Gold



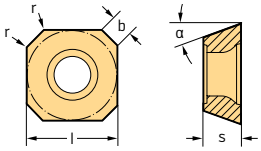
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSP45G
	SDGT06T2PDR-D57	G	4	2,78	6,35	0,4	15°	1,2	☺	☹	☹		✗	☹	✗	☹	✗	✗		☹	✗
	SDGT09T3PDR-D57	G	4	3,97	9,52	0,8	15°	1,2	☺	☹	☹	☹	✗	☹	✗	☹	✗	✗	✗	☹	✗
	SDGT1204PDR-D57	G	4	4,76	12,7	0,8	15°	1,6	☺	☹	☹	☹	✗	☹	✗	☹	✗	✗	✗	☹	✗

Ordering example for the grade WKP25S: SDGT06T2PDR-D57 WKP25S
Ordering example for the grade WKP35G: SDGT06T2PDR-D57 WKP35G

HC = Coated carbide

Positive square
SDMW / SDMT / SDGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMW09T3AZN-A57	M	4	3,97	9,52	0,3	15°	1,2		✗	✗	✗					☺			✗	✗	✗					
	SDMW1204AZN-A57	M	4	4,76	12,7	0,3	15°	1,4	☹	✗	✗								☹	✗	✗						
	SDMT09T3AZN-D57	M	4	3,97	9,52	0,3	15°	1,2	☺	☹	☹	☹	✗	☹		✗		☹	☹	✗	✗	✗			☹		✗
	SDMT1204AZN-D57	M	4	4,76	12,7	0,3	15°	1,4	☺	☹	☹	☹	✗	☹		✗	☺	☹	☹	✗	✗	✗			☹		✗
	SDMT09T3AZN-F57	M	4	3,97	9,52	0,3	15°	1,4	☺	☹	☹	☹	✗		✗	✗			☹	✗	✗	✗				✗	✗
	SDMT1204AZN-F57	M	4	4,76	12,7	0,3	15°	1,8	☺	☹	☹	☹	✗		✗	✗			☹	✗	✗	✗				✗	✗
	SDGT09T3AZN-F57	G	4	3,97	9,52	0,3		1,4	☺	☹	☹	☹	✗	☹		✗	☺		☹	✗	✗	✗			☹		✗
	SDGT1204AZN-F57	G	4	4,76	12,7	0,3		1,8	☺	☹	☹		✗	☹		✗	☺		☹	✗	✗				☹		✗
	SDGT09T3AZN-G77	G	4	3,97	9,52	0,3		1,2					☹			☹											☹
	SDGT1204AZN-G77	G	4	4,76	12,7	0,3		1,4					☹			☹											☹
	SDHT09T3AZN-G88	H	4	3,97	9,52	0,3		1,2															☺	☹			
	SDHT1204AZN-G88	H	4	4,76	12,7	0,3		1,4															☺	☹			

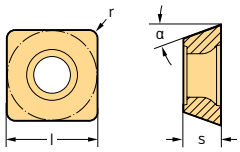
Ordering example for the grade WAK15: SDMW09T3AZN-A57 WAK15
Ordering example for the grade WKP35G: SDMW09T3AZN-A57 WKP35G

HC = Coated carbide
HW = Uncoated carbide

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

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

Positive square
SPGT / SPHT / SPMW / SPMT / SDEB / SPEB
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P					M		K						N		S	
										HC			HC				HC			HW	HC	HW	HC	
								WKP25S	WKP35G	WKP35S	WPP35G	WSP45G	WSM35G	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WPP35G	WKM	WXN15	WK10	WSM35G	WSP45G
	SPGT120606-F57	G	4	6,35	12,7	0,6	11°					✗	●	●									●	✗
	SPHT060304-G88	H	4	3,18	6,35	0,4	11°														☻	●		
	SPHT09T308-G88	H	4	3,97	9,52	0,8	11°														☻	●		
	SPHT120408-G88	H	4	4,76	12,7	0,8	11°														☻	●		
	SPMW060304T-A27	M	4	3,18	6,35	0,4	11°			✗	✗							✗	✗					
	SPMW09T308T-A27	M	4	3,97	9,52	0,8	11°	●		✗	✗					●		✗	✗					
	SPMW120408T-A27	M	4	4,76	12,7	0,8	11°	●		✗	✗					●		✗	✗					
	SPMW120606T-A27	M	4	6,35	12,7	0,6	11°			✗	✗							✗	✗					
	SPMW060304-A57	M	4	3,18	6,35	0,4	11°	●							☻	●								
	SPMW09T308-A57	M	4	3,97	9,52	0,8	11°	●		✗	✗				☻	●		✗	✗					
	SPMW120408-A57	M	4	4,76	12,7	0,8	11°	●		✗	✗				☻	●		✗	✗					
	SPMT060304-D51	M	4	3,18	6,35	0,4	11°	☻		●	✗	✗	●	●		●		✗	✗				●	●
	SPMT09T308-D51	M	4	3,97	9,52	0,8	11°	☻		●	✗	✗	●	●		●		✗	✗				●	●
	SPMT120408-D51	M	4	4,76	12,7	0,8	11°	☻		●	✗	✗	●	●		●		✗	✗				●	●
	SPMT120606-D51	M	4	6,35	12,7	0,6	11°			●	✗	✗		●				✗	✗					●
	SPMT120606-D57	M	4	6,35	12,7	0,6	11°	☻		●	✗	✗		●		●		✗	✗					●
	SPMT060304-F55	M	4	3,18	6,35	0,4	11°	☻	●	●	✗	✗	●	●	☻	●	●	●	✗				●	●
	SPMT09T308-F55	M	4	3,97	9,52	0,8	11°	☻	●	●	✗	✗	●	●	☻	●	●	●	✗				●	●
	SPMT120408-F55	M	4	4,76	12,7	0,8	11°	☻	●	●	✗	✗	●	●	☻	●	●	●	✗				●	●
	SDEB090308-A67	E	4	3,18	9,52	0,8	15°					✗		✗										✗
	SPEB090308-A67	E	4	3,18	9,52	0,8	11°					✗	✗	✗									✗	✗
	SPEB120308-A67	E	4	3,18	12,7	0,8	11°					✗		✗										✗
	SPEB150408-A67	E	4	4,76	15,88	0,8	11°					✗		✗										✗
	SPEB090308-A88	E	4	3,18	9,52	0,8	11°													●				
	SPMW070308-A67	M	4	3,18	7,94	0,8	11°	●								●								
	SPMW070308-A88	M	4	3,18	7,94	0,8	11°													●				

Ordering example for the grade WSM35G: SPGT120606-F57 WSM35G

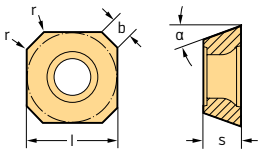
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = ● → Poor = ✗ machining conditions

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

Positive square
SPGT / SPKT / SPMW / SPMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SPGT1204AEN-K88	G	4	4,76	12,7		11°	1,5											☺	😐		
	SPKT1204AZN	K	4	4,76	12,7		11°	1,4	😐	☹		☹	😐	☹	☺	😐	☹				😐	☹
	SPKT1504AZN	K	4	4,76	15,88		11°	1,7		☹							☹					
	SPMW1204AEN-A57	M	4	4,76	12,7	0,5	11°	1,4		☹	☹						☹	☹				
	SPMT1204AEN	M	4	4,76	12,7	0,5	11°	1,4	😐	☹	☹	☹			☺	😐	☹	☹				☹

Ordering example for the grade WK10: SPGT1204AEN-K88 WK10

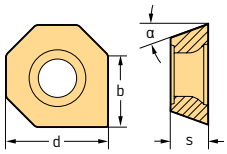
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Finishing inserts
ODHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WPM15G	P HC WXM15	P HC WKP35S	P HC WPP35G	M HC WPM15G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WPM15G	K HC WXM15	K HC WKP35S	K HC WPP35G	H HC WHH15X
	ODHX0504ZZR-A57	H	1	4,76	12,7	15°	7,2	☺			☹	☹			☺	☺			☹	☹	☺
	ODHX0605ZZR-A57	H	1	5,56	15,88	15°	9,4	☺			☹	☹			☺	☺			☹	☹	☺
	ODHX0605ZZN-A57	H	8	5,56	15,88	15°	6	☺							☺	☺					☺
	ODHX0605ZZN-A88	H	8	5,56	15,88	15°	6		☺	☺			☺	☺	☺		☺	☺			

* ZZN for κ = 45° only

HC = Coated carbide

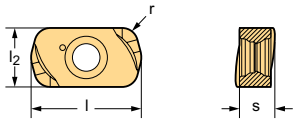
Ordering example for the grade WAK15: ODHX0504ZZR-A57 WAK15
Ordering example for the grade WHH15X: ODHX0504ZZR-A57 WHH15X
Ordering example for the grade WKP35S: ODHX0504ZZR-A57 WKP35S
Ordering example for the grade WPP35G: ODHX0504ZZR-A57 WPP35G

D2

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

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

Negative rhombic
ENMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX08T316R-D27	M	4	3,6	11	6	1,6	☹	☺	😐	😐	😐	☹	😐		☹	😐	😐	☹	☹	☹	😐		☹	☺
	ENMX08T316R-F47	M	4	3,6	11	6	1,6	☹	☺	😐	😐	😐	☹	😐	☹	☹		😐	☹	☹	☹	😐	☹	☹	☺
	ENMX08T316R-G67	M	4	3,6	11	6	1,6						☹	😐	☹	☹						😐	☹	☹	

Ordering example for the grade WHH15X: ENMX08T316R-D27 WHH15X
Ordering example for the grade WKK25G: ENMX08T316R-D27 WKK25G

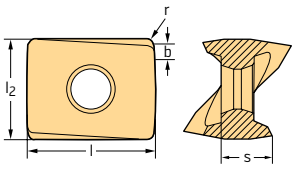
HC = Coated carbide

D2

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

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

Negative rhombic
LNGX
Tiger·tec® Gold



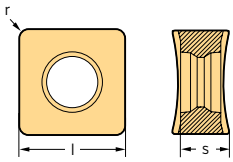
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSP45G
	LNGX130708R-L55	G	4	7,74	13,7	11	0,8	1,2		😐	😐	🙁		😐		😐		☹	☹	☹	😐	
	LNGX130712R-L55	G	4	7,74	13,7	11	1,2	1	😊	😐	😐	🙁	☹		☹		😐	☹	☹	☹		☹
	LNGX130716R-L55	G	4	7,74	13,7	11	1,6	0,9	😊	😐	😐	🙁	☹		☹		😐	☹	☹	☹		☹
	LNGX130720R-L55	G	4	7,74	13,7	11	2	0,7	😊	😐	😐	🙁	☹		☹		😐	☹	☹	☹		☹
	LNGX130725R-L55	G	4	7,74	13,7	11	2,5	0,6	😊	😐							😐	☹				
	LNGX130730R-L55	G	4	7,74	13,7	11	3	0,7	😊	😐	😐	🙁					😐	☹	☹	☹		

Ordering example for the grade WKK25G: LNGX130708R-L55 WKK25G

HC = Coated carbide

Negative square
SNGX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSP45G
	SNGX120512-F57	G	8	5,6	12,7	1,2	😊	😐	😐	🙁	☹	😐	☹			😐	☹	☹	☹	😐	☹
	SNMX120512-D27	M	8	5,55	12,7	1,2	😊	😐	😐	🙁					😐	😐	☹	☹	☹		
	SNMX120520-D27	M	8	5,55	12,7	2	😊	😐	😐	🙁					😐	😐	☹	☹	☹		
	SNMX090408-F27	M	8	4,87	9,52	0,8	😊		😐							😐		☹			
	SNMX120512-F27	M	8	5,65	12,7	1,2	😊	😐	😐	🙁						😐	☹	☹	☹		
	SNMX160620-F27	M	8	6,38	16	2			😐	🙁								☹	☹		
	SNMX090408-F57	M	8	4,85	9,52	0,8	😊	😐	😐		☹	😐	☹		😐	😐	☹	☹		😐	☹
	SNMX120512-F57	M	8	5,5	12,7	1,2	😊	😐	😐	🙁	☹	😐	☹		😐	😐	☹	☹	☹	😐	☹
	SNMX120520-F57	M	8	5,5	12,7	2	😊	😐	😐	🙁	☹	😐	☹		😐	😐	☹	☹	☹	😐	☹
	SNMX160620-F57	M	8	6,38	16	2	😊		😐	🙁	☹		☹			😐		☹	☹		☹
	SNMX160640-F57	M	8	6,38	16	4					☹		☹								☹
	SNMX090408-F67	M	8	4,87	9,52	0,8					☹	😐	☹							😐	☹
	SNMX120512-F67	M	8	5,63	12,7	1,2	😊	😐	😐	🙁	☹	😐	☹	😊		😐	☹	☹	☹	😐	☹

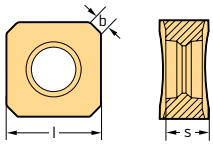
Ordering example for the grade WKP25S: SNGX120512-F57 WKP25S
Ordering example for the grade WKP35G: SNGX120512-F57 WKP35G

HC = Coated carbide

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

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

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SNGX1205ANN-F27	G	8	5,59	12,7	1,5	☺	😐	😐	🙁						😐	☹	☹	☹				
	SNGX0904ANN-F57	G	8	4,69	9,52	1,2	☺	😐				😐			😐	😐	☹					😐	
	SNGX1205ANN-F57	G	8	5,54	12,7	1,5	☺	😐	😐	🙁	☹	😐	☹		😐	😐	☹	☹	☹			😐	☹
	SNGX1606ANN-F57	G	8	6,3	16	1,8			😐	🙁	☹		☹					☹	☹				☹
	SNGX0904ANN-F67	G	8	4,72	9,52	1,2						😐										😐	
	SNGX1205ANN-F67	G	8	5,54	12,7	1,5	☺	😐	😐	🙁	☹	😐	☹	☺		😐	☹	☹	☹			😐	☹
	SNHX0904ANN-K88	H	8	4,68	9,52	1,5														☺			
	SNHX1205ANN-K88	H	8	5,54	12,7	1,5														☺	😐		
	SNMX0904ANN-F27	M	8	4,72	9,52	1,2		😐									☹						
	SNMX1205ANN-F27	M	8	5,59	12,7	1,5	☺	😐	😐	🙁						😐	☹	☹	☹				
	SNMX0904ANN-F57	M	8	4,69	9,52	1,2		😐	😐		☹	😐	☹		😐		☹	☹				😐	☹
	SNMX1205ANN-F57	M	8	5,54	12,7	1,5	☺	😐	😐	🙁					😐	😐	☹	☹	☹				
	SNMX0904ANN-F67	M	8	4,72	9,52	1,2					☹	😐	☹									😐	☹
	SNMX1205ANN-F67	M	8	5,54	12,7	1,5	☺	😐	😐	🙁				☺		😐	☹	☹	☹				

Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

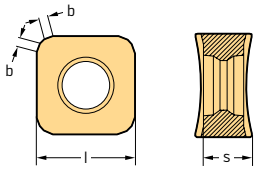
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Negative square
SNGX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSP45G
	SNGX1205ENN-F27	G	8	5,65	12,7	1,2	☺	😐	😐	🙁						😐	☹	☹	☹		
	SNGX1205ENN-F57	G	8	5,61	12,7	1,2	☺	😐	😐	🙁	☹	😐	☹		😐	😐	☹	☹	☹	😐	☹
	SNGX1205ENN-F67	G	8	5,64	12,7	1,2	☺		😐	🙁	☹	😐	☹	☺		😐		☹	☹	😐	☹
	SNMX1205ENN-F57	M	8	5,61	12,7	1,2	☺	😐								😐	☹				

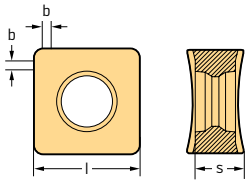
Ordering example for the grade WKP25S: SNGX1205ENN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ENN-F27 WKP35G

HC = Coated carbide

D2

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

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SNGX1205ZNN-F27	G	8	5,77	12,7	1,2	☺	😐	😐	🙁★						😐	☹	☹	☹★				
	SNGX0904ZNN-F57	G	8	4,9	9,52	1	☺	😐							😐	😐	☹						
	SNGX1205ZNN-F57	G	8	5,77	12,7	1,2	☺	😐	😐	🙁★	☹	😐	☹		😐	😐	☹	☹	☹★			😐	☹
	SNGX0904ZNN-F67	G	8	4,93	9,52	1	☺	😐				😐		☺		😐	☹					😐	
	SNGX1205ZNN-F67	G	8	5,8	12,7	1,2	☺	😐	😐	🙁★	☹	😐	☹	☺		😐	☹	☹	☹★			😐	☹
	SNHX0904ZNN-K88	H	8	5,01	9,52	1														☺	😐		
	SNHX1205ZNN-K88	H	8	5,89	12,7	1,2														☺	😐		
	SNMX0904ZNN-F27	M	8	4,93	9,52	1		😐									☹						
	SNMX0904ZNN-F57	M	8	4,91	9,52	1	☺	😐	😐		☹	😐	☹		😐	😐	☹	☹				😐	☹
	SNMX1205ZNN-F57	M	8	5,77	12,7	1,2	☺	😐							😐	😐	☹						
	SNMX0904ZNN-F67	M	8	4,93	9,52	1						😐		☺								😐	

Ordering example for the grade WKP25S: SNGX1205ZNN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ZNN-F27 WKP35G

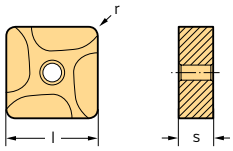
HC = Coated carbide
HW = Uncoated carbide

D2

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

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

Negative square
SNEX
Tiger·tec® Gold



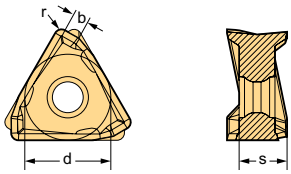
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC WKP35S	P HC WPP35G	K HC WKP35S	K HC WPP35G
	SNEX15T612R-B67	E	8	7,1	15,88	1,2	☹	☹	☹	☹

Ordering example for the grade WKP35S: SNEX15T612R-B67 WKP35S
Ordering example for the grade WPP35G: SNEX15T612R-B67 WPP35G

HC = Coated carbide

Negative triangular
TNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSP45G
	TNMU11T304R-G57	M	6	3,75	6,72	0,4	1	☺	😐	😐	😐	☹	☹	😐	☹	☹	☹	☹
	TNMU160508R-G57	M	6	5,35	9,6	0,8	1,6	☺	😐	😐	😐	☹	☹	😐	☹	☹	☹	☹
	TNMU11T304R-G27	M	6	3,75	6,72	0,4	1	☺	😐	😐	😐	☹	☹	😐	☹	☹	☹	☹
	TNMU11T308R-G27	M	6	3,75	6,72	0,8	0,8		😐		😐	☹	☹		☹		☹	☹
	TNMU160508R-G27	M	6	5,35	9,6	0,8	1,6	☺	😐	😐	😐	☹	☹	😐	☹	☹	☹	☹
	TNMU160512R-G27	M	6	5,35	9,6	1,2	1,3		😐		😐	☹	☹		☹		☹	☹
	TNMU160516R-G27	M	6	5,35	9,6	1,6	0,9		😐		😐	☹	☹		☹		☹	☹

Ordering example for the grade WKP25S: TNMU11T304R-G57 WKP25S
Ordering example for the grade WKP35G: TNMU11T304R-G57 WKP35G

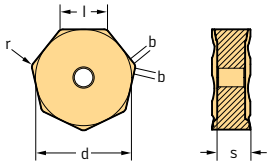
HC = Coated carbide

D2

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

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

Negative heptagonal
XNHF
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G
	XNHF0705ANN-D27	H	14	5	14,5	7	0,8	1,1	☺					😐	😐			
	XNHF0906ANN-D27	H	14	5,68	19,05	9	0,8	1,4	☺			😐		😐	😐			☹
	XNHF0705ANN-D57	H	14	5	14,5	7	0,8	1,1	☺	😐				😐	😐	☹		
	XNHF0906ANN-D57	H	14	5,68	19,05	9	0,8	1,4	☺	😐	😐			😐	😐	☹	☹	
	XNHF0705ANN-D67	H	14	5	14,5	7	0,8	1,1					😐					

Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

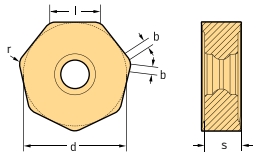
HC = Coated carbide

D2

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

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

Negative heptagonal
XNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSM45X	S HC WSP45G
	XNMU0705ANN-F27	M	14	5	14,5	6,98	0,8	1,1	☺	😐	😐	☹					😐	😐	☹	☹	☹			
	XNMU0906ANN-F27	M	14	5,88	19,05	9,18	0,8	1,4		😐	😐	☹					😐		☹	☹	☹			
	XNMU0705ANN-F57	M	14	5	14,5	6,98	0,8	1,1	☺	😐	😐	☹	☹	😐		☹		😐	☹	☹	☹	😐		☹
	XNMU0906ANN-F57	M	14	5,88	19,05	9,18	0,8	1,4	☺	😐			☹	😐		☹		😐	☹			😐		☹
	XNMU0705ANN-F67	M	14	5	14,5	6,98	0,8	1,1	☺	😐				😐	☹			😐	☹			😐	☹	
	XNMU0906ANN-F67	M	14	5,88	19,05	9,18	0,8	1,4		😐					☹				☹				☹	

Ordering example for the grade WKK25G: XNMU0705ANN-F27 WKK25G

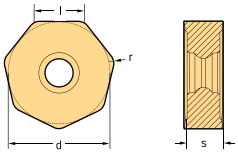
HC = Coated carbide

D2

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

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

Negative heptagonal
XNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSM35G	S HC WSP45G
	XNMU070508-F57	M	**14**	5	14,5	6,98	0,8	☺	😐	😐	🙁★	☹	😐	☹	😐	☹	☹	🙁★	😐	☹
	XNMU090612-F57	M	**14**	5,88	19,05	9,18	1,2	☺	😐			☹		☹	😐	☹				☹

Ordering example for the grade WKP25S: XNMU070508-F57 WKP25S
Ordering example for the grade WKP35G: XNMU070508-F57 WKP35G

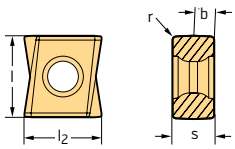
HC = Coated carbide

D2

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

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

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



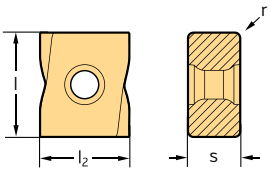
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	LNHU090404R-L55T	H	4	4,5	9	8,5	0,4	1,5	☺	☻	☻	☹	☹	☻		☹	☺	☻	☻	☹	☹	☹			☻		☹
	LNHU090408R-L55T	H	4	4,5	9	8,5	0,8	1,1	☺	☻	☻	☹	☹	☻		☹		☻	☻	☹	☹	☹			☻		☹
	LNHU090412R-L55T	H	4	4,5	9	8,5	1,2	0,8		☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU090416R-L55T	H	4	4,5	9	8,5	1,6			☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU090420R-L55T	H	4	4,5	9	8,5	2			☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU130608R-L55T	H	4	6,8	13	12	0,8	2,2	☺	☻	☻	☹	☹	☻		☹	☺	☻	☻	☹	☹	☹			☻		☹
	LNHU130612R-L55T	H	4	6,8	13	12	1,2	1,9		☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU130616R-L55T	H	4	6,8	13	12	1,6	1,5		☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU130620R-L55T	H	4	6,8	13	12	2	1,2		☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU130625R-L55T	H	4	6,8	13	12	2,5	0,7		☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU130630R-L55T	H	4	6,8	13	12	3	2,3		☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU130632R-L55T	H	4	6,8	13	12	3,2			☻	☻	☹	☹	☻		☹				☹	☹	☹			☻		☹
	LNHU160708R-L55T	H	4	7,2	16	15,5	0,8	2,3	☺	☻	☻	☹	☹	☻		☹		☻	☻	☹	☹	☹			☻		☹
	LNHU160712R-L55T	H	4	7,2	16	15,5	1,2	1,9					☹			☹											☹
	LNHU160716R-L55T	H	4	7,2	16	15,5	1,6	1,6					☹			☹											☹
	LNMU090404R-L55T	M	4	4,5	9	8,5	0,4	1,5	☺	☻	☻	☹	☹		☹	☹		☻	☻	☹	☹	☹				☹	☹
	LNMU130608R-L55T	M	4	6,8	13	12	0,8	2,2	☺	☻	☻	☹	☹		☹	☹		☻	☻	☹	☹	☹				☹	☹
	LNHU090404R-L65T	H	4	4,5	9	8,5	0,4	1,5					☹			☹											☹
	LNHU130608R-L65T	H	4	6,8	13	12	0,8	2,2					☹			☹											☹
	LNHU090404R-L85T	H	4	4,5	9	8,5	0,4	1,5															☺	☻			
	LNHU130608R-L85T	H	4	6,8	13	12	0,8	2,2															☺	☻			

Ordering example for the grade WAK15: LNHU090404R-L55T WAK15
Ordering example for the grade WKK25G: LNHU090404R-L55T WKK25G

HC = Coated carbide
HW = Uncoated carbide

Tangential rhombic
LNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSP45G
	LNMX201012R-F27T	M	4	10	20	17,05	1,2		☹	☹					☹	☹		

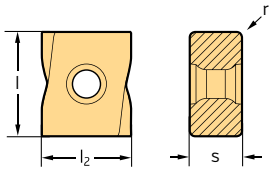
Ordering example for the grade WKP35G: LNMX201012R-F27T WKP35G

HC = Coated carbide

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

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

Tangential rhombic
LNMX
Tiger·tec® Gold



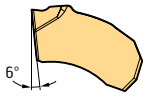
Indexable inserts

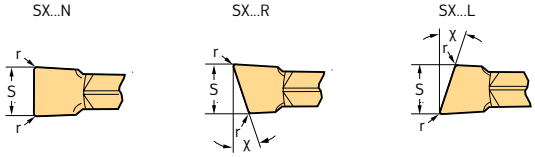
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPP35G	S HC WSP45G
	LNMX201012R-F57T	M	4	10	20	17,05	1,2	☺	😐	😐	🙁	☹	☹	😐	☹	☹	🙁	☹

Ordering example for the grade WKP35G: LNMX201012R-F27T WKP35G

HC = Coated carbide

Grooving and parting off – cutting inserts
SX
Tiger·tec® Gold





Cutting inserts

	Designation	s mm	r mm	s_{Tol} mm	l_{Tol} mm	P HC WKP23G	P HC WSM23G	P HC WSM33G	P HC WSM43G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP23G	S HC WSM23G	S HC WSM33G	S HC WSM43G
	SX-1E150N01-CE4	1,5	0,15	±0,05	±0,1			😐			😐				😐	
	SX-2E200N02-CE4	2	0,2	±0,05	±0,1	🙁	☺	😐	☹	☺	😐	☹	🙁	☺	😐	☹
	SX-2E260N03-CE4	2,6	0,3	±0,05	±0,1			😐			😐				😐	
	SX-3E300N02-CE4	3	0,2	±0,05	±0,1	🙁	☺	😐	☹	☺	😐	☹	🙁	☺	😐	☹
	SX-3E310N03-CE4	3,1	0,3	±0,05	±0,1			😐	☹		😐	☹			😐	☹
	SX-4E400N02-CE4	4	0,2	±0,05	±0,1	🙁	☺	😐	☹	☺	😐	☹	🙁	☺	😐	☹
	SX-4E410N03-CE4	4,1	0,3	±0,05	±0,1			😐			😐				😐	
	SX-5E500N04-CE4	5	0,4	±0,05	±0,1	🙁		😐	☹		😐	☹	🙁		😐	☹
	SX-6E600N04-CE4	6	0,4	±0,05	±0,1	🙁		😐	☹		😐	☹	🙁		😐	☹
	SX-8E800N08-CE4	8	0,8	±0,05	±0,1	🙁		😐			😐		🙁		😐	
	SX-10E1000N08-CE4	10	0,8	±0,05	±0,1	🙁		😐			😐		🙁		😐	
	SX-4E480N03-CE4	4,8	0,3	±0,05	±0,1			😐			😐				😐	

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WKP23G: SX-10E1000N08-CE4 WKP23G

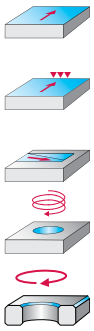
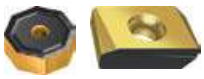
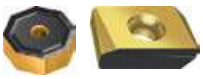
HC = Coated carbide

D2

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

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

Face milling cutters

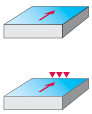
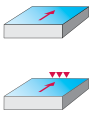
Machining				
Lead angle κ	42°	42°	43°	43°
				
Designation	M2026	M2025	M5004 Xtra·tec® XT	F2010
Diameter range	208,47–258,47 / —	88,47–168,47 / —	32–170 / *1,250–6,394*	90–325 / —
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✔	✔	✔ ✔	✔
ScrewFit			✔ ✔	
Cylindrical shank			✔ ✔	
Cylindrical modular			✔	
Steep taper				
HSK				
NCT				
P Steel			●●	●●
M Stainless steel			●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals			●●	●●
S Materials with difficult cutting properties			●●	●●
H Hard materials	●	●	●	●
O Other			●	●
Indexable inserts	 ONHF0504...P45424...	 ONHF0504...P45424...	 OD...ODHX...	 OD..0605...
Number of cutting edges	16 / 4	16 / 4	8 / 1	8
Max. depth of cut	3	3	3 - 4	4
Page in catalogue				
QR code				
www.walter-tools.com/woc/	M2026	M2025	M5004	F2010

WALTER SELECT

●● Primary application ● Other application

D2

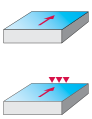
Face milling cutters

Machining								
Lead angle κ	45°		45°		45°		45°	
								
Designation	M5009 Xtra·tec® XT		M4003		M3024 Walter BLAXX		F4045 Xtra·tec®	
Diameter range	50,43–174	*2,411–12,535*	29,63–173,41	*1,129–6,528*	49,8–172,86	*2,386–6,506*	72,8–172,8	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts								
	SN.X…XNGX…ANN…		SD…SDHX…		XN.U0705…XNGX0705…		XN.F0705…XN.X0705…	
Number of cutting edges	8 / 2		4 / 1		14 / 2		14 / 2	
Max. depth of cut	5 - 6		4,5 - 6,5		4 - 6		4 - 6	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT ●● Primary application ● Other application

D 2

Face milling cutters

Machining								
Lead angle κ	45°		45°		45°		45°	
								
Designation	F2010		F2010		F2010		F2010	
Diameter range	90–325	—	94–329	—	94–329	—	90–325	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●		●●			
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials			●		●			
O Other			●		●			
Indexable inserts	 XN.U0705...		 SD..1204AZN...		 SN.X1205...		 ODHX0605ZZN...	
Number of cutting edges	14		4		8		8	
Max. depth of cut	4		6		6,5		2	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		F2010	

WALTER SELECT ●● Primary application ● Other application

D2

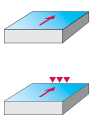
Face milling cutters

Machining					 			
Lead angle κ	**60°**		**60°**		**75°**		**88°**	
								
Designation	**M3016 Walter BLAXX**		**F2260**		**M5011 Xtra·tec® XT**		**M5012 Xtra·tec® XT**	
Diameter range	143,6–333,6	—	113–263	—	55,5–165,5	—	40–160	*2,000–6,000*
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔		✔	✔
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●		●●		●●	
M Stainless steel	●				●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals							●●	
S Materials with difficult cutting properties	●				●●		●●	
H Hard materials					●		●	
O Other					●		●	
Indexable inserts	 LNMX2010…		 LNMU1508…		 SN.X1205…XNGX1205ENN…		 SN.X…XNGX….ZNN…	
Number of cutting edges	4		4		8 / 2		8 / 2	
Max. depth of cut	16		11		8		8 - 10	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M3016		F2260		M5011		M5012	

WALTER SELECT ●● Primary application ● Other application

D 2

Face milling cutters

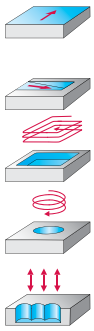
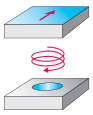
Machining				
Lead angle κ	90°		90°	
				
Designation	F2250		F2010	
Diameter range	63–100	—	80–315	—
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✔		✔	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel			●●	
M Stainless steel			●	
K Cast iron			●●	
N NF metals	●●			
S Materials with difficult cutting properties				
H Hard materials			●	
O Other				
Indexable inserts	 SP..1204...		 P2903..	
Number of cutting edges	1		3	
Max. depth of cut	3		9	
Page in catalogue				
QR code				
www.walter-tools.com/woc/	F2250		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

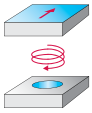
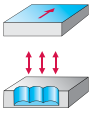
High-feed milling cutters

Machining								
Lead angle κ	15°		15°		15°		15°	
								
Designation	M5008 Xtra·tec® XT		M4002		F2330		F2010	
Diameter range	16–66	*0,625–3,000*	20–125	*0,750–4,000*	20–85	*0,750–4,000*	93–328	—
Boring bar/adaptor type								
DIN 1835 B						✔		
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔	✔	✔	✔	✔	✔		
Cylindrical shank	✔	✔	✔	✔	✔	✔		
Cylindrical modular	✔		✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●				●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●						●	
O Other								
Indexable inserts	 EN.X08T3...		 SD...SD.X...		 P263...		 SD..1204...SD.X1205...	
Number of cutting edges	4		4 / 4		3		4 / 4	
Max. depth of cut	1		1 - 2		1 - 2		2	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5008		M4002		F2330		F2010	

WALTER SELECT ●● Primary application ● Other application

D 2

High-feed milling cutters

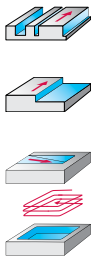
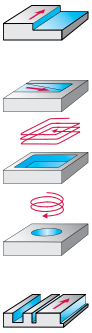
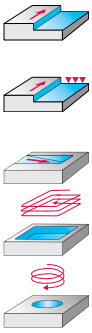
Machining				
Lead angle κ	**15°**		**21°**	
				
Designation	**F2010**		**F4030 Xtra·tec®**	
Diameter range	87–322,15	—	25–100	*1,000–4,000*
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✔		✔	✔
ScrewFit			✔	✔
Cylindrical shank			✔	✔
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●		●●	
M Stainless steel	●●		●●	
K Cast iron	●●		●●	
N NF metals				
S Materials with difficult cutting properties	●●		●●	
H Hard materials				
O Other				
Indexable inserts	 P263...		 P23696...	
Number of cutting edges	3		6	
Max. depth of cut	2		1 - 2	
Page in catalogue				
QR code				
www.walter-tools.com/woc/	F2010		F4030	

WALTER SELECT

●● Primary application ● Other application

D2

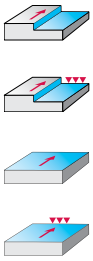
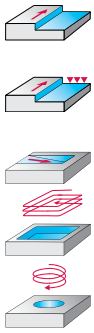
Shoulder milling cutters

Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	M5250 Xtra·tec® XT		M5137 Xtra·tec® XT		M5130 Xtra·tec® XT		M2331	
Diameter range	50–80	*2,000–3,000*	25–160	*1,000–6,000*	10–160	*0,500–6,000*	40–50	*2,000*
Boring bar/adaptor type								
DIN 1835 B			✔	✔	✔	✔		
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit					✔	✔		
Cylindrical shank					✔	✔		
Cylindrical modular					✔			
Steep taper								
HSK								
NCT	✔							
P Steel	●●		●●		●●			
M Stainless steel	●●		●		●●			
K Cast iron	●●		●●		●●			
N NF metals	●●				●●		●●	
S Materials with difficult cutting properties	●●		●		●●			
H Hard materials					●●			
O Other	●				●		●	
Indexable inserts								
	BC..1605..SC..1105..		TNMU...		AC... / BC...		ZDGT..A...	
Number of cutting edges	2 / 4		6		2		2	
Max. depth of cut	43 - 99		5 - 8		5 - 15		15 - 20	
Page in catalogue	412							
QR code								
www.walter-tools.com/woc/	M5250		M5137		M5130		M2331	

WALTER SELECT ●● Primary application ● Other application

D 2

Shoulder milling cutters

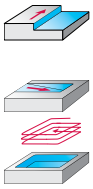
Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	M2136		M2131		F5241 Walter BLAXX		F5141 Walter BLAXX	
Diameter range	50–160	—	25–80	*1,000–3,000*	50–160	—	40–160	*1,500–6,000*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Cylindrical bore DIN 138	✔		✔	✔	✔		✔	✔
ScrewFit			✔	✔			✔	✔
Cylindrical shank			✔	✔			✔	
Cylindrical modular								
Steep taper								
HSK			✔					
NCT								
P Steel					●●		●●	
M Stainless steel					●●		●●	
K Cast iron	●●				●●		●●	
N NF metals			●●		●●		●●	
S Materials with difficult cutting properties					●●		●●	
H Hard materials					●		●	
O Other			●		●		●	
Indexable inserts								
	SNEF1204…SNEX1204…		ZDGT…		LN.U1607…		LN.U1306…LNHX1306…	
Number of cutting edges	8 / 4		2		4		4 / 4	
Max. depth of cut	6,5		15 - 20		15		12	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M2136		M2131		F5241		F5141	

WALTER SELECT

●● Primary application ● Other application

D 2

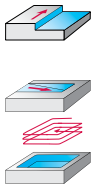
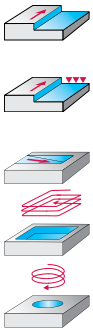
Shoulder milling cutters

Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	**F5041 Walter BLAXX**		**F5138 Walter BLAXX**		**F5038 Walter BLAXX**		**F4338 Xtra·tec®**	
Diameter range	25–63	*1,000–2,000*	40–80	*1,500–2,500*	25–40	—	63–80	—
Boring bar/adaptor type								
DIN 1835 B	✔	✔		✔	✔			
Cylindrical bore DIN 138	✔	✔	✔	✔			✔	
ScrewFit	✔	✔	✔		✔			
Cylindrical shank	✔	✔						
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●			
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●							
O Other	●		●		●			
Indexable inserts	 LN.U0904...LNHX0904...		 LN.U1306...		 LN.U0904...		 AD..1807...	
Number of cutting edges	4 / 4		4		4		2	
Max. depth of cut	8		34 - 56		32 - 40		47 - 78	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F5041		F5138		F5038		F4338	

WALTER SELECT ●● Primary application ● Other application

D2

Shoulder milling cutters

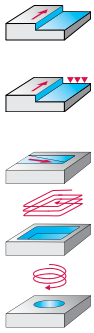
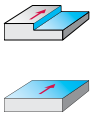
Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	**F4238 Xtra·tec®**		**F4138 Xtra·tec®**		**F4038 Xtra·tec®**		**F4042 Xtra·tec®**	
Diameter range	40–80	*1,500–3,000*	32–63	*1,250–2,000*	20–32	*0,750–1,000*	63–160	—
Boring bar/adaptor type								
DIN 1835 B		✔	✔	✔	✔	✔		
Cylindrical bore DIN 138	✔	✔	✔	✔			✔	
ScrewFit	✔		✔	✔	✔			
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT	✔		✔					
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials							●	
O Other	●		●		●		●	
Indexable inserts	 AD..1606...		 AD..1204...		 AD..0803...		 AD..1807...	
Number of cutting edges	2		2		2		2	
Max. depth of cut	29 - 99		33 - 54		22 - 37		16,7	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F4238		F4138		F4038		F4042	

WALTER SELECT

●● Primary application ● Other application

D2

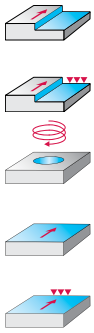
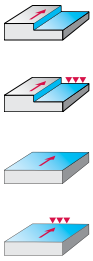
Shoulder milling cutters

Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	F4042R Xtra·tec®		F4041 Xtra·tec®		F2338F		F2010	
Diameter range	16–63	*0,625–2,000*	40–125	*1,500–4,000*	63–85	—	80–315	*3,000–12,000*
Boring bar/adaptor type								
DIN 1835 B	✔	✔	✔					
Cylindrical bore DIN 138	✔	✔	✔	✔	✔		✔	✔
ScrewFit	✔	✔	✔	✔				
Cylindrical shank	✔	✔						
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●		●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●		●	
H Hard materials	●		●					
O Other	●		●					
Indexable inserts	 AD..10T3...ADGX10T3...		 LN.X1307...		 SP..1206...		 TNMU1605..	
Number of cutting edges	2 / 2		4		4		6	
Max. depth of cut	10		13		48 - 70		8	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F4042R		F4041		F2338F		F2010	

WALTER SELECT ●● Primary application ● Other application

D 2

Shoulder milling cutters

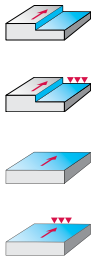
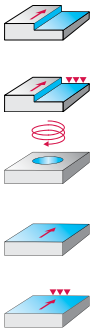
Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	F2010		F2010		F2010		F2010	
Diameter range	80–315	*3,000–12,000*	80–315	*3,000–12,000*	80–315	—	80–315	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔	✔	✔	✔	✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●		●		●		●	
O Other	●		●		●		●	
Indexable inserts								
	BC..1605...		BC..1204...		LN.U1306...		LN.U0904...	
Number of cutting edges	2		2		4		4	
Max. depth of cut	15		11,7 - 11,7		12		8	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

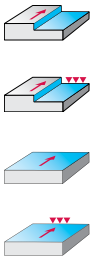
Machining								
Lead angle κ	90°		90°		90°		89,75°	
								
Designation	F2010		F2010		F2010		M4132	
Diameter range	80–315	—	80–315	—	80–315	—	16–125	*0,625–3*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Cylindrical bore DIN 138	✔		✔		✔		✔	✔
ScrewFit							✔	
Cylindrical shank								
Cylindrical modular							✔	
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●		●		●		●	
O Other	●		●		●		●	
Indexable inserts	 LN.X1307...		 AD..1606...		 AD..1204...		 SD...	
Number of cutting edges	4		2		2		4	
Max. depth of cut	13		15		11,7		5,6 - 11,6	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		M4132	

WALTER SELECT

●● Primary application ● Other application

D 2

Shoulder milling cutters

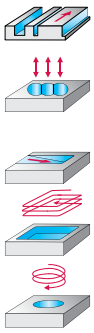
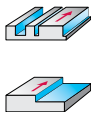
Machining				
Lead angle κ	**89,5°**		**89,5°**	
				
Designation	**F2010**		**F2010**	
Diameter range	80–315	—	80–315	—
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✔		✔	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●		●●	
M Stainless steel	●●		●●	
K Cast iron	●●		●●	
N NF metals	●●		●●	
S Materials with difficult cutting properties	●●		●●	
H Hard materials	●		●	
O Other	●		●	
Indexable inserts	 SD..1204...		 SD..09T3...	
Number of cutting edges	4		4	
Max. depth of cut	11,6		8,4	
Page in catalogue				
QR code				
www.walter-tools.com/woc/	F2010		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

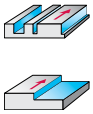
Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	M4792		M4791		M4258		M4257	
Diameter range	17,9–39,9	*0,750–1,500*	—	*0,750–1,500*	50–100	*3,000–4,000*	40–63	*1,500–2,000*
Boring bar/adaptor type								
DIN 1835 B	✔	✔		✔			✔	✔
Cylindrical bore DIN 138					✔	✔	✔	✔
ScrewFit							✔	
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●					
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials			●					
O Other								
Indexable inserts								
	LD… SD…		SD…		LD..1704… SD..1204…		LD..14T3… SD…09T3…	
Number of cutting edges	2 / 4		4		2 / 4		2 / 4	
Max. depth of cut	8,3 - 26,9		5,6 - 11,6		25 - 118		47 - 54	
Cutting width SB [mm]								
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M4792		M4791		M4258		M4257	

WALTER SELECT

●● Primary application ● Other application

D 2

Slot milling cutters

Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	M4256		M3255 Walter BLAXX		F5055 Walter BLAXX		F4253 Xtra·tec®	
Diameter range	20–32	—	50–80	*2,000–3,000*	63–500	—	100–315	—
Boring bar/adaptor type								
DIN 1835 B	✔							
Cylindrical bore DIN 138			✔	✔	✔		✔	
ScrewFit	✔							
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●				●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●				●●		●●	
N NF metals					●●			
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								
Indexable inserts								
	LD..08T2... SD..06T2...		XNHX1306... LNHX1206...		SX...		LN.U...	
Number of cutting edges	2 / 4		2 / 4		1		4	
Max. depth of cut	27 - 37		46 - 80		—		—	
Cutting width SB [mm]					1,5–5		12–25	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M4256		M3255		F5055		F4253	

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

Machining			 					
Lead angle κ	90°		90°		90°		90°	
								
Designation	F4153 Xtra·tec®		F4053 Xtra·tec®		F2252		F2252	
Diameter range	80–200	*3,000–6,000*	80–160	—	125–200	—	125–200	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔	✔	✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other					●		●	
Indexable inserts	 LN.U…		 LN.X0702…		 BC..1605…		 BC..1204…	
Number of cutting edges	4		4		2		2	
Max. depth of cut	—		—		—		—	
Cutting width SB [mm]	6–10		4		22		16–19	
Page in catalogue					420		418	
QR code								
www.walter-tools.com/woc/	F4153		F4053		F2252		F2252	

WALTER SELECT ●● Primary application ● Other application

D 2

Slot milling cutters

Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	F2252		F2252		F2252		F2252	
Diameter range	100–160	—	125–200	—	125–200	—	100–160	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical bore DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other	●		●		●		●	
Indexable inserts								
	BC..0903...		AD..1606...		AD..1204...		AD..0803...	
Number of cutting edges	2		2		2		2	
Max. depth of cut	—		—		—		—	
Cutting width SB [mm]	12–14		22		16–19		12–14	
Page in catalogue	416							
QR code								
www.walter-tools.com/woc/	F2252		F2252		F2252		F2252	

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

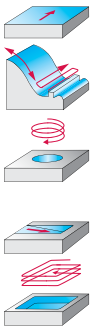
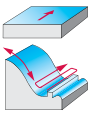
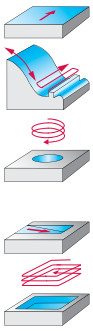
Machining						
Lead angle κ	90°		90°		90°	
						
Designation	F2252		F2252		F2252	
Diameter range	125–200	—	100–160	—	80–160	—
Boring bar/adaptor type						
DIN 1835 B						
Cylindrical bore DIN 138	✔		✔		✔	
ScrewFit						
Cylindrical shank						
Cylindrical modular						
Steep taper						
HSK						
NCT						
P Steel	●●		●●		●●	
M Stainless steel	●●		●●		●●	
K Cast iron	●●		●●		●●	
N NF metals	●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●	
H Hard materials						
O Other	●		●		●	
Indexable inserts						
	MP..1204.... P2905..		MP..0803... P2905..		MP..0603... P2905..	
Number of cutting edges	2 / 4		2 / 4		2 / 4	
Max. depth of cut	—		—		—	
Cutting width SB [mm]	16–22		10–14		8–9	
Page in catalogue						
QR code						
www.walter-tools.com/woc/	F2252		F2252		F2252	

WALTER SELECT

●● Primary application ● Other application

D 2

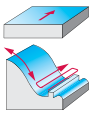
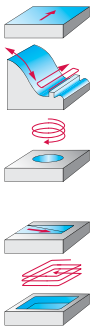
Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**M5468 Xtra·tec® XT**		**M5460 Xtra·tec® XT**		**M2473**		**M2472**	
Diameter range	10–160	*1,000–5,000*	8–32	*0,375–1,000*	40–63	—	32–50	—
Boring bar/adaptor type								
DIN 1835 B	✔	✔	✔	✔				
Cylindrical bore DIN 138	✔	✔			✔		✔	
ScrewFit	✔	✔	✔		✔		✔	
Cylindrical shank			✔	✔				
Cylindrical modular	✔		✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●					
M Stainless steel	●●		●●					
K Cast iron	●●		●●					
N NF metals	●●							
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●●					
O Other	●		●					
Indexable inserts	 RD.X... / RO.X...		 P32...		 RNGN1207...WIS..		 RPGN1204...WIS..	
Number of cutting edges	4 / 8		1		8		4	
Max. depth of cut	2,5 - 10		4 - 16		6		6	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5468		M5460		M2473		M2472	

WALTER SELECT ●● Primary application ● Other application

D2

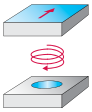
Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**M2471**		**F2339**		**F2334R**		**F2239**	
Diameter range	25–63	—	16–50	*0,625–2,000*	25–80	*1,250–2,500*	20–63	—
Boring bar/adaptor type								
DIN 1835 B			✔	✔			✔	
Cylindrical bore DIN 138	✔				✔	✔		
ScrewFit	✔		✔	✔	✔	✔	✔	
Cylindrical shank	✔				✔	✔		
Cylindrical modular			✔					
Steep taper								
HSK								
NCT							✔	
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron			●●		●●		●●	
N NF metals								
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials			●					
O Other								
Indexable inserts	 RN.X...		 XD.T...SP...		 RO.X...		 SP...	
Number of cutting edges	8		2 / 4		4		4	
Max. depth of cut	5 - 6		11 - 57		5 - 6		15 - 84	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M2471		F2339		F2334R		F2239	

WALTER SELECT ●● Primary application ● Other application

D 2

Copy milling cutters

Machining						
Lead angle κ						
						
Designation	**F2010**		**F2010**		**F2010**	
Diameter range	83–318	*3,122–12,118*	83–318	*3,118–12,118*	83,3–318,3	—
Boring bar/adaptor type						
DIN 1835 B						
Cylindrical bore DIN 138	✔	✔	✔	✔	✔	
ScrewFit						
Cylindrical shank						
Cylindrical modular						
Steep taper						
HSK						
NCT						
P Steel	●●		●●		●●	
M Stainless steel	●●		●●		●●	
K Cast iron	●●		●●		●●	
N NF metals	●●		●●			
S Materials with difficult cutting properties	●●		●●		●●	
H Hard materials	●●		●●		●	
O Other	●		●			
Indexable inserts	 RO.X1204M08...		 RO.X1605M08...		 RO.X1605...	
Number of cutting edges	8		8		6	
Max. depth of cut	6		8		8	
Page in catalogue						
QR code						
www.walter-tools.com/woc/	F2010		F2010		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Profiling cutters

Machining								
Lead angle κ	**30°**		**45°**		**60°**		**90°**	
								
Designation	**M4574**		**M4574**		**M4574**		**M4575**	
Diameter range	8–20	*0,750*	8–40	*0,500–1,500*	8–20	*0,750*	20,5–49,5	*0,778–1,821*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Cylindrical bore DIN 138								
ScrewFit			✔					
Cylindrical shank	✔	✔	✔	✔	✔	✔		
Cylindrical modular			✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								
Indexable inserts								
	SD...		SD...		SD...		SD...	
Number of cutting edges	4		4		4		4	
Max. depth of cut	2,7 - 4		3,5 - 7,5		4,8 - 6,8		—	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M4574		M4574		M4574		M4575	

WALTER SELECT ●● Primary application ● Other application

D 2

Profiling cutters

Machining	
Lead angle κ	**90°**

Designation	**F2036**	
Diameter range	16–63	—
Boring bar/adaptor type		
DIN 1835 B	✔	
Cylindrical bore DIN 138		
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT	✔	
P Steel	●●	
M Stainless steel		
K Cast iron	●●	
N NF metals		
S Materials with difficult cutting properties		
H Hard materials		
O Other		

Indexable inserts	 P20200...
Number of cutting edges	2
Max. depth of cut	—
Page in catalogue	
QR code	
www.walter-tools.com/woc/	F2036

WALTER SELECT

●● Primary application ● Other application

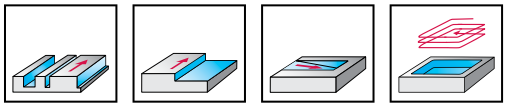
D2

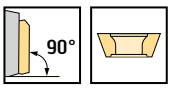
Helical milling cutters

M5250 mm

BC .. 1605 .. R
Xtra·tec® XT

– Full effective design
– 2 or 4 cutting edges per indexable insert

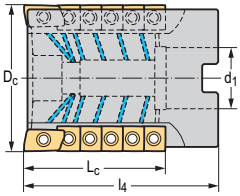




	P	M	K	N	S	H	O
M5250	●●	●●	●●	●●	●●		●

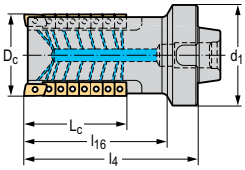
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	Number of WSP	Type
M5250-050-B22-03-43-16	50	22	60		43	3	0,4	3 / 9	BC .. 1605 .. R SC .. 1105 ..
M5250-050-B22-03-62-16	50	22	80		62	3	0,53	3 / 15	
M5250-063-B27-04-43-16	63	27	65		43	4	0,81	4 / 12	
M5250-063-B27-04-62-16	63	27	85		62	4	1,05	4 / 20	
M5250-080-B32-05-62-16	80	32	85		62	5	1,87	5 / 25	
M5250-080-B32-05-80-16	80	32	105		80	5	2,32	5 / 35	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	Number of WSP	Type
★ M5250-050-N8-03-71-16	50	80	122	89	71	3	1,77	3 / 18	BC .. 1605 .. R SC .. 1105 ..
★ M5250-063-N8-04-80-16	63	80	136	107	80	4	2,6	4 / 28	
★ M5250-080-N8-05-99-16	80	80	150	130	99	5	4,13	5 / 45	



Modular NCT adaptor

Bodies and assembly parts are included in the scope of delivery

D2

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

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

Assembly parts

	D_c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm
	Clamping screw for arbour-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X070 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	N HW WN15	S HC WSM45X	S HC WSP45G
	BCGT160508R-G51	G	2	2	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCGT160508R-G55	G	2	2	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCHT160508R-K85	H	2	2										☺	😐			
	BCHT160512R-K85	H	2	1,7										☺	😐			
	BCHT160516R-K85	H	2	1,7										☺	😐			
	BCHT160520R-K85	H	2	1,5										☺	😐			
	BCHT160525R-K85	H	2	1,4										☺	😐			
	BCHT160530R-K85	H	2	1,2										☺	😐			
	BCHT160540R-K85	H	2	1,1										☺	😐			
	BCMT160508R-F55	M	2	2	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160508R-G55	M	2	2	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160512R-G55	M	2	1,7	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160516R-G55	M	2	1,5	😐	😐		☹		☹	😐	😐						☹
	BCMT160520R-G55	M	2	1,5	😐	😐		☹		☹	😐	😐						☹
	BCMT160525R-G55	M	2	1,4	😐	😐		☹		☹	😐	😐						☹
	BCMT160530R-G55	M	2	1,2	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160532R-G55	M	2	1,1	😐	😐		☹		☹	😐	😐						☹
	BCMT160540R-G55	M	2	1,1	😐	😐		☹		☹	😐	😐						☹
	BCMT160550R-G55	M	2	0,7	😐	😐		☹		☹	😐	😐						☹
	BCMT160560R-G55	M	2	0,1	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160508R-G55W	M	2	2				☹	☹	☹							☹	☹
	BCMT160516R-G55W	M	2	1,5				☹	☹	☹							☹	☹
	BCMT160530R-G55W	M	2	1,2				☹	☹	☹							☹	☹
	BCMT160540R-G55W	M	2	1,5				☹	☹	☹							☹	☹
	SCGT110502-G51	G	4		😐	😐	😐	☹		☹	😐	😐	😐					☹
	SCHT110502-K85	H	4											☺		😐		
	SCMT110502-F55	M	4		😐	😐	😐	☹		☹	😐	😐	😐					☹
	SCMT110502-G55	M	4		😐	😐	😐	☹		☹	😐	😐	😐					☹
	SCMT110502-G55W	M	4					☹	☹	☹							☹	☹

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

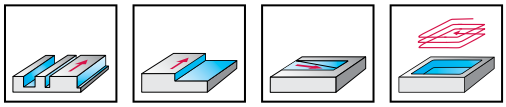
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

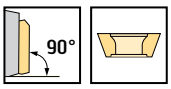
Helical milling cutters

M5250 inch

BC .. 1605 .. R
Xtra·tec® XT

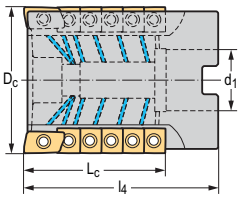
– Full effective design
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5250	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	Number of WSP	Type
M5250.051-B26-03-52-16	2,000	1,000	3,150	2,047	3	1,285	3 / 12	BC .. 1605 .. R SC .. 1105 ..
M5250.064-B26-04-62-16	2,500	1,000	3,346	2,441	4	2,458	4 / 20	
M5250.076-B31-05-80-16	3,000	1,250	4,134	3,150	5	4,599	5 / 35	

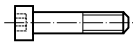
Bodies and assembly parts are included in the scope of delivery

D 2

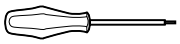
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

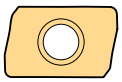
Assembly parts

	D_c [inch]	2–2,5	3
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools	FS1614	FS2674

Accessories

	D_c [inch]	2–3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b inch	P HC WKP35G	P HC WKP35S	P HC WPP35G	P HC WSP45G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	K HC WPP35G	N HC WXN15	N HW WK10	N HW WN15	S HC WSM45X	S HC WSP45G
	BCGT160508R-G51	G	2	0,079	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCGT160508R-G55	G	2	0,079	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCHT160508R-K85	H	2	0,079										☺	😐			
	BCHT160512R-K85	H	2	0,067										☺	😐			
	BCHT160516R-K85	H	2	0,067										☺	😐			
	BCHT160520R-K85	H	2	0,059										☺	😐			
	BCHT160525R-K85	H	2	0,055										☺	😐			
	BCHT160530R-K85	H	2	0,047										☺	😐			
	BCHT160540R-K85	H	2	0,043										☺	😐			
	BCMT160508R-F55	M	2	0,079	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160508R-G55	M	2	0,079	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160512R-G55	M	2	0,067	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160516R-G55	M	2	0,059	😐	😐		☹		☹	😐	😐						☹
	BCMT160520R-G55	M	2	0,059	😐	😐		☹		☹	😐	😐						☹
	BCMT160525R-G55	M	2	0,055	😐	😐		☹		☹	😐	😐						☹
	BCMT160530R-G55	M	2	0,047	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160532R-G55	M	2	0,043	😐	😐		☹		☹	😐	😐						☹
	BCMT160540R-G55	M	2	0,043	😐	😐		☹		☹	😐	😐						☹
	BCMT160550R-G55	M	2	0,028	😐	😐		☹		☹	😐	😐						☹
	BCMT160560R-G55	M	2	0,004	😐	😐	😐	☹		☹	😐	😐	😐					☹
	BCMT160508R-G55W	M	2	0,079				☹	☹	☹							☹	☹
	BCMT160516R-G55W	M	2	0,059				☹	☹	☹							☹	☹
	BCMT160530R-G55W	M	2	0,047				☹	☹	☹							☹	☹
	BCMT160540R-G55W	M	2	0,057				☹	☹	☹							☹	☹
	SCGT110502-G51	G	4		😐	😐	😐	☹		☹	😐	😐	😐					☹
	SCHT110502-K85	H	4											☺		😐		
	SCMT110502-F55	M	4		😐	😐	😐	☹		☹	😐	😐	😐					☹
	SCMT110502-G55	M	4		😐	😐	😐	☹		☹	😐	😐	😐					☹
	SCMT110502-G55W	M	4					☹	☹	☹							☹	☹

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

D2

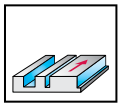
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

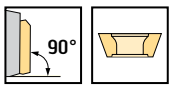
Slotting cutters for slot milling

F2252 mm

BC .. 0903 .. R

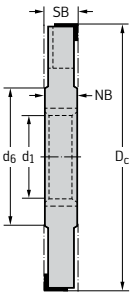
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





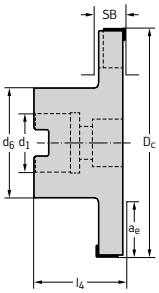
	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	$a_{e\,max}$ mm	Z	Number of WSP	Type
★ F2252.B.100.Z04.12.S766	100	32	50	12	14	12	24	4	4 / 4	BC .. 0903 .. R BC .. 0903 .. L
★ F2252.B.100.Z04.14.S766	100	32	50	14	16	14	24	4	4 / 4	
★ F2252.B.125.Z05.12.S766	125	40	65	12	14	12	24	5	5 / 5	
★ F2252.B.125.Z05.14.S766	125	40	65	14	16	14	24	5	5 / 5	
★ F2252.B.160.Z06.12.S766	160	40	65	12	14	12	46	6	6 / 6	
★ F2252.B.160.Z06.14.S766	160	40	65	14	16	14	46	6	6 / 6	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	$a_{e\,max}$ mm	Z	Number of WSP	Type
★ F2252.BN.100.Z04.12.S766	100	27	48	12	14		24	4	4 / 4	BC .. 0903 .. R BC .. 0903 .. L
★ F2252.BN.100.Z04.14.S766	100	27	48	14	16		24	4	4 / 4	
★ F2252.BN.125.Z05.12.S766	125	32	60	12	14		30	5	5 / 5	
★ F2252.BN.125.Z05.14.S766	125	32	60	14	16		30	5	5 / 5	
★ F2252.BN.160.Z06.12.S766	160	40	75	12	14		40	6	6 / 6	
★ F2252.BN.160.Z06.14.S766	160	40	75	14	16		40	6	6 / 6	

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

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

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

Assembly parts

Type	BC .. 0903 .. R
Cartridge for right tool body	FR766
Cartridge for left tool body	FL766
Clamping wedge	FK360
Clamping sleeve	FS1167
Eccentric bolt	FS1170 (SW 3)
Spring washer	FS1220
Clamping screw for clamping wedge Tightening torque	FS239 (SW 3) 6,5 Nm
Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

Type	BC .. 0903 .. R
Clamping screw for finishing insert	FS246 (T8) 1,5 Nm
Cartridge: Right, P2905-. finish insert	FR695
Cartridge: Left, P2905-. finish insert	FL695
Screwdriver	FS1423
Screwdriver	FS230 (T8)
Keys	ISO2936-3 (SW 3)
Torque screwdriver, analogue	FS2001
Torque screwdriver, analogue	FS2003
Torque screwdriver, digital	FS2248
Torque T-handle	FS2041
Interchangeable blade	FS2007 (T8) / FS2012 (T8IP) / FS2050 (SW 3)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WSP45G	M HC WSP45G	K HC WKP35G	N HC WXN15	S HC WSP45G
BCGT090304L-K85	G	2	0,4	1,2					☺	
BCGT090304R-K85	G	2	0,4	1,2					☺	
BCGT090304R-G55	G	2	0,4	1,2	😐	☹	☹	😐		☹
BCMT090304L-G55	M	2	0,4	1,2	😐	☹	☹	😐		☹
BCMT090304R-G55	M	2	0,4	1,2	😐	☹	☹	😐		☹
BCMT090308L-G55	M	2	0,8	0,8	😐	☹	☹	😐		☹
BCMT090308R-G55	M	2	0,8	0,8	😐	☹	☹	😐		☹

HC = Coated carbide

R (body) = r (indexable insert) – 1 mm

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

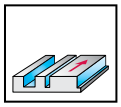
☺ 😐 ☹ / ★ = New addition to the product range

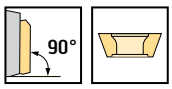
Slotting cutters for slot milling

F2252 mm

BC .. 1204 .. R

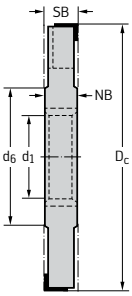
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





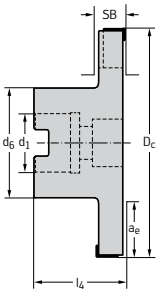
	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	$a_{e\,max}$ mm	Z	Number of WSP	Type
★ F2252.B.125.Z04.16.S767	125	40	65	16	19	16	28	4	4 / 4	BC .. 1204 .. R BC .. 1204 .. L
★ F2252.B.125.Z04.19.S767	125	40	65	19	22	19	28	4	4 / 4	
★ F2252.B.160.Z05.16.S767	160	40	65	16	19	16	46	5	5 / 5	
★ F2252.B.160.Z05.19.S767	160	40	65	19	22	19	46	5	5 / 5	
★ F2252.B.200.Z06.16.S767	200	50	75	16	19	16	61	6	6 / 6	
★ F2252.B.200.Z06.19.S767	200	50	75	19	22	19	61	6	6 / 6	

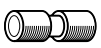


Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	$a_{e\,max}$ mm	Z	Number of WSP	Type
★ F2252.BN.125.Z04.16.S767	125	32	60	16	19		30	4	4 / 4	BC .. 1204 .. R BC .. 1204 .. L
★ F2252.BN.125.Z04.19.S767	125	32	60	19	22		30	4	4 / 4	
★ F2252.BN.160.Z05.16.S767	160	40	75	16	19		40	5	5 / 5	
★ F2252.BN.160.Z05.19.S767	160	40	75	19	22		40	5	5 / 5	
★ F2252.BN.200.Z06.16.S767	200	40	90	16	19		50	6	6 / 6	
★ F2252.BN.200.Z06.19.S767	200	40	90	19	22		50	6	6 / 6	

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

Assembly parts

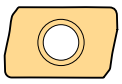
	Type	BC .. 1204 .. R
	Cartridge for right tool body	Tolerance class
	Cartridge for left tool body	FL767
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 4)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
R (body) = r (indexable insert) – 1 mm	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

D 2

Accessories

Type	BC .. 1204 .. R
Clamping screw for finishing insert	FS260 (T20) 5 Nm
Cartridge: Right, P2905-. finish insert	FR696
Cartridge: Left, P2905-. finish insert	FL696
Screwdriver	FS1484 (T9IP)
Screwdriver	FS228 (T20)
Keys	ISO2936-4 (SW 4)
Torque screwdriver, analogue	FS2003
Torque screwdriver, digital	FS2248
Torque T-handle	FS2041
Interchangeable blade	FS2051 (SW 4) / FS2013 (T9IP) / FS2044 (T20)

Assembly parts



Cartridge for right tool body Cartridge for left tool body Clamping wedge	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WSP45G	M HC WSP45G	K HC WKP35G	N HC WXN15	S HC WSP45G
Clamping sleeve	H	2	0,4	1,7					😐	
Eccentric bolt	H	2	0,4	1,7					☺	
Spring washer	H	2	0,8	1,3					😐	
Clamping screw for clamping wedge Tightening torque	H	2	0,8	1,3					☺	
Clamping screw for indexable insert Tightening torque	H	2	1,2	1,2					😐	
BCHT120412R-K85	H	2	1,2	1,2					☺	
BCHT120416L-K85	H	2	1,6	1,1					😐	
BCHT120416R-K85	H	2	1,6	1,1					☺	
BCHT120420L-K85	H	2	2	1,2					😐	
BCHT120420R-K85	H	2	2	1,2					☺	
BCHT120430L-K85	H	2	3	0,7					😐	
BCHT120430R-K85	H	2	3	0,7					☺	
BCHT120440L-K85	H	2	4	0,4					😐	
BCHT120440R-K85	H	2	4	0,4					☺	
BCMT120404L-G55	M	2	0,4	1,3	😐	☹	☹	😐		☹
BCMT120404R-G55	M	2	0,4	1,3	☺	☹	☹	☺		☹
BCMT120408L-G55	M	2	0,8	1,3	😐	☹	☹	😐		☹
BCMT120408R-G55	M	2	0,8	1,3	☺	☹	☹	☺		☹
BCMT120412L-G55	M	2	1,2	1,2	😐	☹	☹	😐		☹
BCMT120412R-G55	M	2	1,2	1,2	☺	☹	☹	☺		☹
BCMT120416L-G55	M	2	1,6	1,1	😐	☹	☹	😐		☹
BCMT120416R-G55	M	2	1,6	1,1	☺	☹	☹	☺		☹
BCMT120420L-G55	M	2	2	1,2	😐	☹	☹	😐		☹
BCMT120420R-G55	M	2	2	1,2	☺	☹	☹	☺		☹
BCMT120430L-G55	M	2	3	0,7	😐	☹	☹	😐		☹
BCMT120430R-G55	M	2	3	0,7	☺	☹	☹	☺		☹
BCMT120440L-G55	M	2	4	0,4	😐	☹	☹	😐		☹
BCMT120440R-G55	M	2	4	0,4	☺	☹	☹	☺		☹

HC = Coated carbide

R (body) = r (indexable insert) – 1 mm

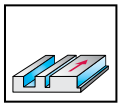
☺ 😐 ☹ / ★ = New addition to the product range

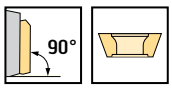
Slotting cutters for slot milling

F2252 mm

BC .. 1605 .. R

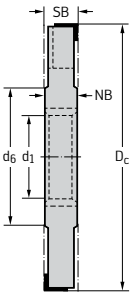
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





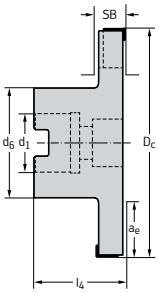
	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	$a_{e\,max}$ mm	Z	Number of WSP	Type
★ F2252.B.125.Z04.22.S768	125	40	65	22	25	22	28	4	4 / 4	BC .. 1605 .. R BC .. 1605 .. L
★ F2252.B.160.Z05.22.S768	160	40	65	22	25	22	46	5	5 / 5	
★ F2252.B.200.Z06.22.S768	200	50	75	22	25	22	61	6	6 / 6	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	SB_{min} mm	SB_{max} mm	NB mm	$a_{e\,max}$ mm	Z	Number of WSP	Type
★ F2252.BN.125.Z04.22.S768	125	32	60	22	25		30	4	4 / 4	BC .. 1605 .. R BC .. 1605 .. L
★ F2252.BN.160.Z05.22.S768	160	40	75	22	25		40	5	5 / 5	
★ F2252.BN.200.Z06.22.S768	200	40	90	22	25		50	6	6 / 6	

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D 2

Assembly parts

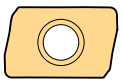
	Type	BC .. 1605 .. R
	Cartridge for right tool body	Tolerance class
	Cartridge for left tool body	FL768
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 4)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
R (body) = r (indexable insert) – 1 mm	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm

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

Accessories

Type	BC .. 1605 .. R
Clamping screw for finishing insert	FS260 (T20) 5 Nm
Cartridge: Right, P2905-. finish insert	FR696
Cartridge: Left, P2905-. finish insert	FL696
Screwdriver	FS1485 (T15IP)
Screwdriver	FS228 (T20)
Keys	ISO2936-4 (SW 4)
Torque screwdriver, analogue	FS2003
Torque screwdriver, digital	FS2248
Torque T-handle	FS2041
Interchangeable blade	FS2051 (SW 4) / FS2014 (T15IP) / FS2044 (T20)

Assembly parts



Cartridge for right tool body Cartridge for left tool body Clamping wedge	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WSP45G	M HC WSP45G	K HC WKP35G	N HC WXN15	S HC WSP45G
Clamping sleeve	H	2	0,8	2					☹	
Eccentric bolt	H	2	0,8	2					☺	
Spring washer	M	2	0,8	2	😐	☠	☠	😐		☠
Clamping screw for clamping wedge Tightening torque	M	2	0,8	2	😐	☠	☠	😐		☠
Clamping screw for indexable insert Tightening torque	M	2	1,2	1,7	😐	☠	☠	😐		☠
BCMT160512R-G55	M	2	1,2	1,7	😐	☠	☠	😐		☠
BCMT160516L-G55	M	2	1,6	1,5	😐	☠	☠	😐		☠
BCMT160516R-G55	M	2	1,6	1,5	😐	☠	☠	😐		☠
BCMT160520L-G55	M	2	2	1,5	😐	☠	☠	😐		☠
BCMT160520R-G55	M	2	2	1,5	😐	☠	☠	😐		☠
BCMT160530L-G55	M	2	3	1,2	😐	☠	☠	😐		☠
BCMT160530R-G55	M	2	3	1,2	😐	☠	☠	😐		☠
BCMT160540L-G55	M	2	4	1,1	😐	☠	☠	😐		☠
BCMT160540R-G55	M	2	4	1,1	😐	☠	☠	😐		☠
BCMT160550L-G55	M	2	5	0,7	😐	☠	☠	😐		☠
BCMT160550R-G55	M	2	5	0,7	😐	☠	☠	😐		☠
BCMT160560L-G55	M	2	6	0,1	😐	☠	☠	😐		☠
BCMT160560R-G55	M	2	6	0,1	😐	☠	☠	😐		☠

HC = Coated carbide

R (body) = r (indexable insert) – 1 mm

D2

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

E - Boring bars/adaptors

E1 - Stationary boring bars/adaptors

E2 - Rotating boring bars/adaptors

E3 - Assembly parts and accessories – General adaptors

Walter Capto™ adaptors

				
	VDI DIN 69880 clamping units	**Clamping units**	**Clamping units**	**Clamping units**
Designation	**TYP 2030 / 2040 / 2050 / 2060**	**Typ 2080 / 2085**	**Typ 2000**	**TYP 2090**
Machine-side	VDI DIN 69880	Square shank	Parallel shank with clamping surface	Bushing clamp
Tool-side	C3 - C6	C3 - C5	C3 - C5	C3 - C8
Page in catalogue				
QR code				
www.walter-tools.com/woc/	TYP2030	TYP2080	TYP3000	TYP2090

E1

Walter Capto™ adaptors

				
	HSK DIN 69893-1 A master	**DIN 69871 AD/B master**	**MAS-BT JIS B 6339 AD/B master**	**DIN 69871 AD/B master**
Designation	**AB584-HSK-MASTER**	**C.-390B.140**	**C.-390B.55 + C.-390B.58**	**C.-390B.540 + C.-390.540**
Machine-side	HSK DIN 69893-1 A	SK DIN 69871 AD/B	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	C3 - C8	C3 - C8	C3 - C8	C3 - C8
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB584-HSK-MASTER	C-390B-140	C-390B-55	C-390B-540

				
	MAS-BT JIS B 6339 AD/B master	**ASME B5.50 master**	**Extension**	**Reduction adaptor**
Designation	**C.-390B.555 + C.-390B.558**	**C.-A390B.45**	**C.-391.01**	**C.-391.02**
Machine-side	JIS B 6339 AD/B	ASME B 5.50	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	C3 - C8	C3 - C8	C3 - C8	C3 - C6
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-390B-555	C-A390B-45	C-391-01	C-391-02

E1

Walter Capto™ adaptors

				
	Axial adaptor	**Walter Capto™ – Axial adaptor**	**Radial adaptor**	**Walter Capto™ – Radial adaptor**
Designation	**C.-ASH**	**A2120-C...-P**	**C.-ASHA**	**A2121-C...-P**
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	20 x 20 - 3/4 x 3/4	20 x 20 - 25 x 25	32 x 25 - 32 x 32	20 x 20 - 25 x 25
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-ASH	A2120-C-P	C-ASHA	A2121-C-P

		
	Walter Capto™ Adaptor – vibration damped	**Walter Capto™ Adaptor – vibration damped**
Designation	**A3000-C**	**A3001-C**
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	Q25 - Q50	QL60 - QL80
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A3000-C	A3001-C

E1

VDI adaptors, one-piece

				
	Master VDI DIN 69880	**VDI adaptor – DIN 69880 shank tools**	**VDI adaptor – DIN 69880 shank tools**	**VDI adaptor – DIN 69880 parting blades**
Designation	**AK135M**	**A2120-V...-P**	**A2121-V...-P**	**A2110-V...-P**
Machine-side	VDI DIN 69880	VDI DIN 69880	VDI DIN 69880	VDI DIN 69880
Tool-side	80	20 x 20 - 25 x 25	20 x 20 - 25 x 25	26R - 32R
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK135M	A2120-V-P	A2121-V-P	A2110-V-P

	
	VDI adaptor – DIN 69880 parting blades
Designation	**A2111-V...-P**
Machine-side	VDI DIN 69880
Tool-side	26R - 32R
Page in catalogue	
QR code	
www.walter-tools.com/woc/	A2111-V-P

E1

Machine-specific adaptors, one-piece

BMT adaptor – Parting blades

Designation	A2110-BT...-P	
Machine-side	BMT	
Tool-side	26R - 32R	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A2110-BT-P	

E1

Accure·tec® vibration-damped boring bar adaptor– QuadFit™

				
	Cylinder shaft adaptor – vibration damped	**Cylinder shaft adaptor – vibration damped**	**Walter Capto™ Adaptor – vibration damped**	**Walter Capto™ Adaptor – vibration damped**
Designation	**A3000**	**A3001**	**A3000-C**	**A3001-C**
Machine-side	Parallel shank with clamping surface	Cylindrical shank	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	Q25 - Q50	QL60 - QL100	Q25 - Q50	QL60 - QL80
Page in catalogue				
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		
QR code		
www.walter-tools.com/woc/	A3000-HSK-T	A3001-HSK-T

E1

Boring bars - QuadFit

Cylindrical shank - QuadFit

Designation	A2100	
Machine-side	Parallel shank with clamping surface	
Tool-side	Q40 - QL60	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A2100	

E1

Walter Capto™ adaptors

				
	HSK DIN 69893-1 A master	**DIN 69871 AD/B master**	**MAS-BT JIS B 6339 AD/B master**	**DIN 69871 AD/B master**
Designation	**AB584-HSK-MASTER**	**C.-390B.140**	**C.-390B.55 + C.-390B.58**	**C.-390B.540 + C.-390.540**
Machine-side	HSK DIN 69893-1 A	SK DIN 69871 AD/B	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	C3 - C8	C3 - C8	C3 - C8	C3 - C8
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB584-HSK-MASTER	C-390B-140	C-390B-55	C-390B-540

				
	MAS-BT JIS B 6339 AD/B master	**ASME B5.50 master**	**Extension**	**Reduction adaptor**
Designation	**C.-390B.555 + C.-390B.558**	**C.-A390B.45**	**C.-391.01**	**C.-391.02**
Machine-side	JIS B 6339 AD/B	ASME B 5.50	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	C3 - C8	C3 - C8	C3 - C8	C3 - C6
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-390B-555	C-A390B-45	C-391-01	C-391-02

E2

Walter Capto™ adaptors

				
	ER collet chucks	**Adaptor for drilling and reaming tools**	**Shell mill adaptor**	**Walter Capto™ hydraulic expansion chuck ISO 26623-1**
Designation	**C.-391.14**	**C.-391.27**	**AK155.8.C**	**AK182.C**
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	ER20 - ER40	16 - 40	1 - 1 1/4	12 - 20
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-391-14	C-391-27	AK155-8-C	AK182-C

			NEW	
				
	Synchronous thread cutting adaptor	**Walter Capto™ adaptor – vibration damped**	**Walter Capto™ hydraulic expansion chuck ISO 26623-1**	**Weldon shank adaptor**
Designation	**AB035-C**	**AC001-C**	**AB016-C**	**C.-391.20**
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	ER11 - ER40	16 - 40	12 - 20	1 - 1 1/4
Page in catalogue			**448**	
QR code				
www.walter-tools.com/woc/	AB035-C	AC001-C	AB016	C-391-20

E2

Walter NCT adaptors

				
	DIN 2080 master	**DIN 69871-1 AD master**	**ANSI ASME B5.50 master**	**ANSI ASME B5.50 Master**
Designation	**A100M.1**	**A100M.2**	**A100M.3**	**A100M.U3**
Machine-side	SK DIN 2080 / ISO 2583	SK DIN 69871	ASME B 5.50	ASME B 5.50
Tool-side	50 - 80	25 - 80	63 - 80	25 - 80
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A100M-1	A100M-2	A100M-3	A100M-U3

				
	MAS-BT JIS B 6339 master	**DIN 69871-1 AD/B master**	**DIN 69893-1 A master**	**Walter Capto™ master**
Designation	**A100M.4**	**AK200M.2**	**A100M...HSK**	**A100M.8**
Machine-side	JIS B 6339	SK DIN 69871 AD/B	HSK DIN 69893-1 A	Walter Capto™ in acc. with ISO 26623
Tool-side	25 - 80	40 - 80	25 - 80	25 - 80
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A100M-4	AK200M-2	A100M-HSK	A100M-8

E2

Walter NCT adaptors

				
	Extension adaptor	**Reduction adaptor**	**DIN 1835 B milling cutter extension**	**Combination adaptor**
Designation	**A101M**	**A102M**	**A175**	**A150M**
Machine-side	Modular NCT adaptor	Modular NCT adaptor	DIN 1835 B	Modular NCT adaptor
Tool-side	25 - 80	25 - 63	5 - 4 (5/32)	16 - 60
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A101M	A102M	A175	A150M

				
	Shell mill adaptor	**Shell mill adaptor**	**Shell mill adaptor**	**Weldon shank adaptor**
Designation	**A155M**	**AK155M**	**AK155M.U0**	**A170M**
Machine-side	Modular NCT adaptor	Modular NCT adaptor	Modular NCT adaptor	Modular NCT adaptor
Tool-side	22 - 60	16 - 40	3/4 - 1 1/2	10 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A155M	AK155M	AK155M-U0	A170M

E2

Walter NCT adaptors

				
	Adaptor for eccentric sleeve	Small drill chuck	ER collet chucks	DIN 1835 B ER collet chuck
Designation	**A170M...Ex**	**A201M**	**AK300M**	**A305**
Machine-side	Modular NCT adaptor	Modular NCT adaptor	Modular NCT adaptor	DIN 1835 B
Tool-side	32 - 50	1 - 13	ER16 - ER40	ER11 - ER16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A170M-EX	A201M	AK300M	A305

		
	Tap quick-change chuck	Synchronous thread cutting adaptor
Designation	**A320M**	**AB035-N**
Machine-side	Modular NCT adaptor	Modular NCT adaptor
Tool-side	1 - 5	ER20 - ER25
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A320M	AB035-N

E2

ScrewFit adaptors for front pieces

				
	Reduction adaptor	**Reduction adaptor**	**DIN 1835 A adaptor**	**DIN 1835 A adaptor**
Designation	**AK521**	**AK522**	**AK510**	**A510**
Machine-side	ScrewFit	Cylindrical modular	Cylindrical shank	Cylindrical shank
Tool-side	T09 - T36	T14 - T28	T09 - T45	T09 - T28
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK521	AK522	AK510	A510

				
	DIN 1835 A adaptor	**NCT adaptor**	**DIN 69893-1 A adaptor**	**DIN 69893-1 A adaptor**
Designation	**AK512**	**AK520**	**AK530**	**AK531**
Machine-side	Cylindrical shank	Modular NCT adaptor	HSK DIN 69893-1 A	HSK DIN 69893-1 A
Tool-side	T14 - T28	T18 - T45	T14 - T45	T18 - T45
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK512	AK520	AK530	AK531

E2

ScrewFit adaptors for front pieces

				
	DIN 69871 AD/B adaptor	**DIN 69871 AD/B adaptor**	**Walter Capto™ adaptor**	**ER collet chucks**
Designation	**AK540**	**AK541**	**AK580.C**	**AK300.T**
Machine-side	SK DIN 69871 AD/B ASME B 5.50 JIS B 6339	SK DIN 69871 AD/B ASME B 5.50 JIS B 6339	Walter Capto™ in acc. with ISO 26623	ScrewFit
Tool-side	T09 - T45	T18 - T45	T14 - T45	ER11 - ER25
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK540	AK541	AK580-C	AK300-T

				
	Walter Capto™ adaptor – vibration damped	**HSK adaptor – vibration-damped**	**SK adaptor – vibration-damped**	**MAS-BT adaptor – vibration-damped**
Designation	**AC060-C**	**AC060-H**	**AC060-S**	**AC060-J**
Machine-side	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A	SK DIN 69871 AD/B	JIS B 6339 AD/B
Tool-side	T18 - T28	T18 - T28	T18 - T28	T18 - T28
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC060-C	AC060-H	AC060-S	AC060-J

E2

ConeFit adaptors for milling cutter heads

				NEW
				
	DIN 6535 HA adaptor	**DIN 69893-1 A adaptor**	**Walter Capto™ adaptor**	**DIN 69893-1 A Adaptor**
Designation	**AK610**	**AK631**	**AK681**	**AB371-H**
Machine-side	Cylindrical shank	HSK DIN 69893-1 A	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A
Tool-side	E10 - E25	E10 - E25	E10 - E25	E10 - E25
Page in catalogue				**451**
QR code				
www.walter-tools.com/woc/	AK610	AK631	AK681	AB371

E2

Adaptors, one-piece – HSK, SK, MAS-BT, CAT-V

				
	HSK adaptor – Vibration-damped	**DIN 69893-1 A shrink-fit adaptor**	**DIN 69893-1 A hydraulic expansion chuck**	**DIN 69893-1 A slim hydraulic expansion chuck**
Designation	**AC001-H**	**A560.H**	**AK182.H**	**AB019-H**
Machine-side	HSK DIN 69893-1 A	HSK DIN 69893-1 A	HSK DIN 69893-1 A	HSK DIN 69893-1 A
Tool-side	16 - 40	5 - 25	12 - 32	6 - 20
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC001-H	A560-H	AK182-H	AB019-H

				
	Synchronous thread cutting adaptor	**Synchronous thread cutting adaptor**	**SK adaptor – Vibration-damped**	**MAS-BT adaptor – Vibration-damped**
Designation	**AB035-H**	**AB035-W**	**AC001-S**	**AC001-J**
Machine-side	HSK DIN 69893-1 A	DIN 6535 HE, turned 180° DIN 6535 HB	SK DIN 69871 AD/B	JIS B 6339 AD/B
Tool-side	ER20 - ER40	ER11 - ER25	16 - 40	16 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB035-H	AB035-W	AC001-S	AC001-J

E2

Adaptors, one-piece – HSK, SK, MAS-BT, CAT-V

				
	ASME B5.50 shell end milling cutter arbor	**CAT-V adaptor – Vibration-damped**	**ASME B5.50 Weldon shank adaptor**	**DIN 69871 hydraulic expansion chuck**
Designation	**AB001.K**	**AC001.K**	**AB044.K**	**AK182.S**
Machine-side	ASME B 5.50	ASME B 5.50	ASME B 5.50	SK DIN 69871 AD/B
Tool-side	1 - 2 1/2	1 - 1 1/2	1 - 1 1/4	12 - 32
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB001-K	AC001-K	AB044-K	AK182-S

				
	MAS-BT JIS B 6339 hydraulic expansion chuck	**ASME B5.50 hydraulic expansion chuck**	**ASME B5.50 ER collet chuck**	**Synchronous thread cutting adaptor**
Designation	**AK182.BT**	**AK182.CAT**	**AB009.K**	**AB035-S**
Machine-side	JIS B 6339	ASME B 5.50	ASME B 5.50	SK DIN 69871
Tool-side	12 - 32	20 - 32	ER16 - ER40	ER20 - ER40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK182-BT	AK182-CAT	AB009-K	AB035-S

E2

Adaptors, one-piece – HSK, SK, MAS-BT, CAT-V

				
	Synchronous thread cutting adaptor	DIN 69893-1 A shell mill arbor	MAS-BT JIS B 6339 shell mill arbor	DIN 69871 AD/B shell mill arbor
Designation	**AB035-J**	**AB001-H**	**AB001-J**	**AB001-S**
Machine-side	JIS B 6339	HSK DIN 69893-1 A	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	ER11 - ER40	16 - 60	16 - 40S	16 - 60
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB035-J	AB001-H	AB001-J	AB001-S

				NEW
				
	DIN 69893-1 A ER collet chuck with internal cooling	MAS-BT JIS B 6339 ER collet chuck with internal cooling	DIN 69871 AD/B ER collet chuck with internal cooling	DIN 69893-1 A hydraulic expansion chuck
Designation	**AB009-H**	**AB009-J**	**AB009-S**	**AB016-H**
Machine-side	HSK DIN 69893-1 A	JIS B 6339 AD/B	SK DIN 69871 AD/B	HSK DIN 69893-1 A
Tool-side	ER11 - ER40	ER16 - ER40	ER16 - ER40	12 - 32
Page in catalogue				**452**
QR code				
www.walter-tools.com/woc/	AB009-H	AB009-J	AB009-S	AB016

E2

Adaptors, one-piece – HSK, SK, MAS-BT, CAT-V

	NEW	NEW	NEW	
				
	MAS-BT JIS B 6339 hydraulic expansion chuck	DIN 69871 AD/B hydraulic expansion chuck	ASME B5.50 hydraulic expansion chuck	DIN 69893-1 A Weldon shank adaptor
Designation	**AB016-J**	**AB016-S**	**AB016.K**	**AB044-H**
Machine-side	JIS B 6339	SK DIN 69871 AD/B	ASME B 5.50	HSK DIN 69893-1 A
Tool-side	12 - 32	12 - 32	20 - 32	6 - 40
Page in catalogue	**456**	**454**	**458**	
QR code				
www.walter-tools.com/woc/	AB016	AB016	AB016	AB044-H

		
	MAS-BT JIS B 6339 Weldon adaptor	DIN 69871 AD/B Weldon adaptor
Designation	**AB044-J**	**AB044-S**
Machine-side	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	6 - 40	6 - 40
Page in catalogue		
QR code		
www.walter-tools.com/woc/	AB044-J	AB044-S

E2

Accure·tec® vibration-damped mill-cutt adaptors

				
	Walter Capto™ adaptor – vibration damped	**HSK adaptor – Vibration-damped**	**SK adaptor – Vibration-damped**	**MAS-BT adaptor – Vibration-damped**
Designation	**AC001-C**	**AC001-H**	**AC001-S**	**AC001-J**
Machine-side	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A	SK DIN 69871 AD/B	JIS B 6339 AD/B
Tool-side	16 - 40	16 - 40	16 - 40	16 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC001-C	AC001-H	AC001-S	AC001-J

				
	CAT-V adaptor – Vibration-damped	**Walter Capto™ adaptor – vibration damped**	**HSK adaptor – vibration-damped**	**SK adaptor – vibration-damped**
Designation	**AC001.K**	**AC060-C**	**AC060-H**	**AC060-S**
Machine-side	ASME B 5.50	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A	SK DIN 69871 AD/B
Tool-side	1 - 1 1/2	T18 - T28	T18 - T28	T18 - T28
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC001-K	AC060-C	AC060-H	AC060-S

E2

Accure·tec® vibration-damped mill-cutt adaptors

	MAS-BT adaptor – vibration-damped	
Designation	**AC060-J**	
Machine-side	JIS B 6339 AD/B	
Tool-side	T18 - T28	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	AC060-J	

E2

Modular holders for milling heads

		
	Modular holders for milling heads	Modular holders for milling heads
Designation	**AA191**	**AB191**
Machine-side	DIN 1835 A	DIN 1835 A
Tool-side	05 - 08	05 - 14
Page in catalogue		
QR code		
www.walter-tools.com/woc/	AA191	AB191

E2

Rotating adaptors

			
	DIN 69893-1 A shrink-fit adaptor	**MAS-BT JIS B 6339 shrink-fit adaptor**	**DIN 69871 AD/B shrink-fit adaptor**
Designation	**AB025-H**	**AB025-J**	**AB025-S**
Machine-side	HSK DIN 69893-1 A	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	3 - 4 (5/32)	3 - 4 (5/32)	3 - 4 (5/32)
Page in catalogue			
QR code			
www.walter-tools.com/woc/	AB025-H	AB025-J	AB025-S

E2

Rotating adaptors

				
	DIN 69893-1 A hydraulic expansion chuck	MAS-BT JIS B 6339 hydraulic expansion chuck	DIN 69871 AD/B hydraulic expansion chuck	ASME B5.50 hydraulic expansion chuck
Designation	**AB017-H**	**AB017-J**	**AB017-S**	**AB017.K**
Machine-side	HSK DIN 69893-1 A	JIS B 6339 AD/B	SK DIN 69871 AD/B	ASME B 5.50
Tool-side	6 - 32	6 - 32	6 - 32	6 - 32
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB017-H	AB017-J	AB017-S	AB017-K

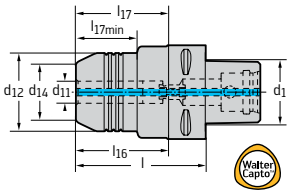
	
	ASME B5.50 hydraulic expansion chuck
Designation	**AB017.K-Inch**
Machine-side	ASME B 5.50
Tool-side	1/2 - 1 1/4
Page in catalogue	
QR code	
www.walter-tools.com/woc/	AB017

E2

Walter Capto™ hydraulic expansion chuck ISO 26623-1

AB016-C mm

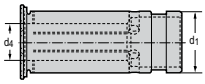
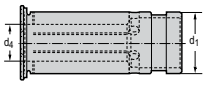
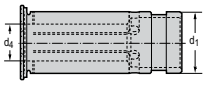
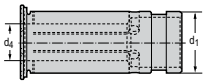
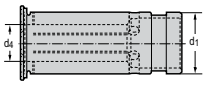
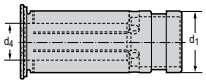
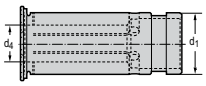
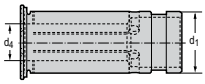
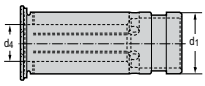
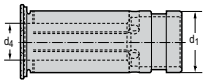
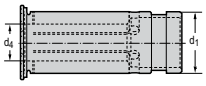
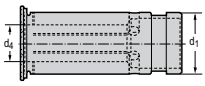
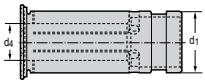
Tool



Walter Capto™ in acc. with ISO 26623

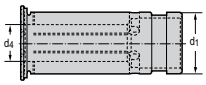
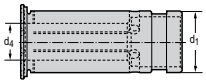
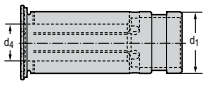
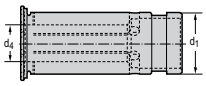
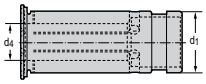
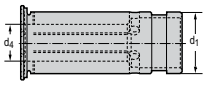
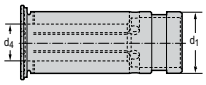
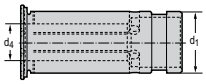
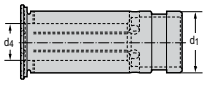
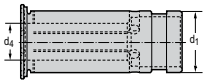
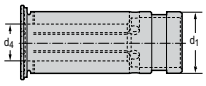
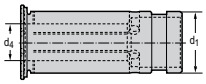
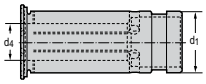
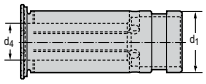
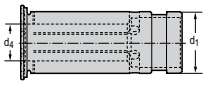
Designation	d_1	d_{11} mm	d_{12} mm	d_{14} mm	l_4 mm	l_{16} mm	l_{17} mm	$l_{17\,min}$ mm	kg
★ AB016-C5-P12-070	C5	12	42	32	70	33	46	36	1
★ AB016-C5-P20-075	C5	20	49,5	38	75	54	51	41	1,11
★ AB016-C6-P12-075	C6	12	42	32	75	33	46	36	1,51
★ AB016-C6-P20-080	C6	20	52,5	38	80	41	51	41	1,67

Accessories

	d_1	C5–C6
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2189
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2190
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2191
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2192
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2193
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2204
	d_4 = 16 mm Adaptor sleeves for PK	FS2194
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2205
	d_4 = 16 mm Adaptor sleeves for PK	FS2195
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2206
	d_4 = 16 mm Adaptor sleeves for PK	FS2196
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2207
	d_4 = 16 mm Adaptor sleeves for PK	FS2197

E2

Accessories

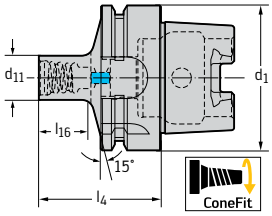
	d_1	C5–C6
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2208
	d_4 = 16 mm Adaptor sleeves for PK	FS2198
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2209
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2210
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2211
	d_4 = 16 mm Adaptor sleeves sealed for int. cooling	FS2212
	d_4 = 16 mm Adaptor sleeves for PK	FS2213
	d_4 = 16 mm Adaptor sleeves for PK	FS2214
	d_4 = 16 mm Adaptor sleeves for PK	FS2215
	d_4 = 16 mm Adaptor sleeves for PK	FS2216
	d_4 = 16 mm Adaptor sleeves for PK	FS2217
	d_4 = 16 mm Adaptor sleeves for PK	FS2218
	d_4 = 16 mm Adaptor sleeves for PK	FS2219
	d_4 = 16 mm Adaptor sleeves for PK	FS2220
	d_4 = 16 mm Adaptor sleeves for PK	FS2221

E 2

DIN 69893-1 A Adaptor

AB371-H mm

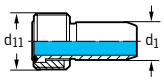
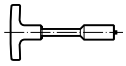
Tool



HSK DIN 69893-1 A

Designation	d_1	d_{11}	l_4 mm	l_{16} mm	kg
★ AB371-H63-E10-049	HSK-A63	E10	49	23	0,68
★ AB371-H63-E12-051	HSK-A63	E12	51	25	0,68
★ AB371-H63-E16-056	HSK-A63	E16	56	30	0,69
★ AB371-H63-E20-053	HSK-A63	E20	53	27	0,7
★ AB371-H63-E25-059	HSK-A63	E25	59	27	0,74

Accessories

	d_{11}	E10–E25
	Coolant transfer	FS1064
	Keys	FS952

E2

WALTER SELECT

●● Primary application ● Other application

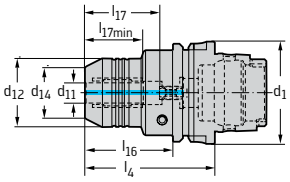
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

DIN 69893-1 A hydraulic expansion chuck

AB016-H mm

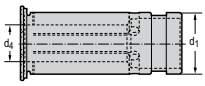
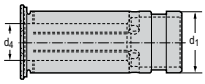
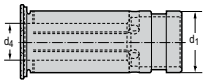
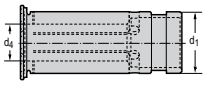
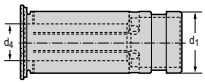
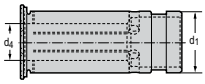
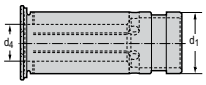
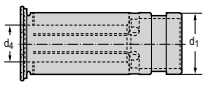
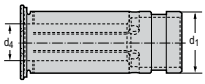
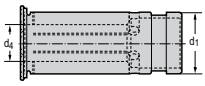
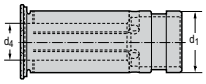
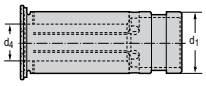
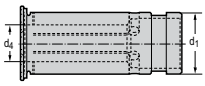
Tool



HSK DIN 69893-1 A

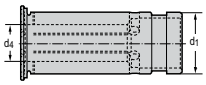
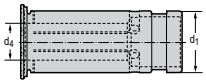
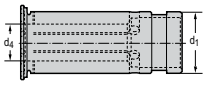
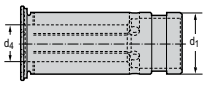
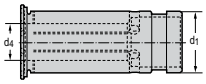
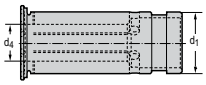
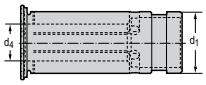
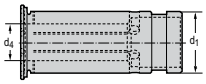
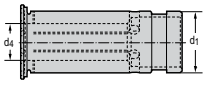
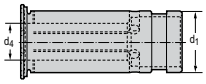
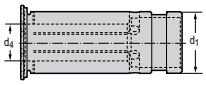
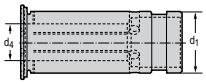
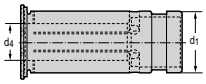
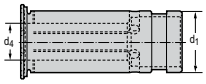
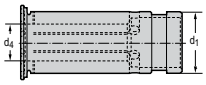
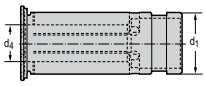
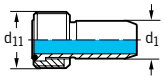
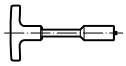
Designation	d_1	d_{11} mm	d_{12} mm	d_{14} mm	l_4 mm	l_{16} mm	l_{17} mm	$l_{17\,min}$ mm	kg
★ AB016-H63-P12-080	HSK-A63	12	42	32	80	34	46	36	1,25
★ AB016-H63-P20-080	HSK-A63	20	52,5	38	80	54	51	41	1,39
★ AB016-H100-P20-090	HSK-A100	20	52,5	38	90	61	51	41	2,78
★ AB016-H100-P32-100	HSK-A100	32	72	58,5	100	71	61	51	3,79

Accessories

	d_1	HSK-A100	HSK-A63
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2199	FS2189
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2200	FS2190
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2201	FS2191
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2202	FS2192
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2203	FS2203
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2204	FS2193
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2205	FS2205
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2206	FS2206
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2207	FS2207
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2208	FS2208
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2209	FS2209
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2210	FS2210
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2211	FS2211

E2

Accessories

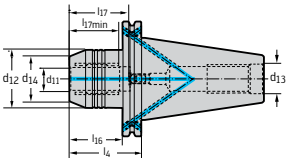
	d_1	HSK-A100	HSK-A63
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2212	FS2212
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2228	
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2229	
	d_4 = 8 mm Adaptor sleeves sealed for int. cooling	FS2230	
	d_4 = 8 mm Adaptor sleeves for PK	FS2213	FS2194
	d_4 = 8 mm Adaptor sleeves for PK	FS2214	FS2195
	d_4 = 8 mm Adaptor sleeves for PK	FS2215	FS2196
	d_4 = 8 mm Adaptor sleeves for PK	FS2216	FS2197
	d_4 = 8 mm Adaptor sleeves for PK	FS2217	FS2198
	d_4 = 8 mm Adaptor sleeves for PK	FS2218	FS2218
	d_4 = 8 mm Adaptor sleeves for PK	FS2219	FS2219
	d_4 = 8 mm Adaptor sleeves for PK	FS2220	FS2220
	d_4 = 8 mm Adaptor sleeves for PK	FS2221	FS2221
	d_4 = 8 mm Adaptor sleeves for PK	FS2237	
	d_4 = 8 mm Adaptor sleeves for PK	FS2238	
	d_4 = 8 mm Adaptor sleeves for PK	FS2239	
	Coolant transfer	FS1065	FS1064
	Keys	FS953	FS952

E2

DIN 69871 AD/B hydraulic expansion chuck

AB016-S mm

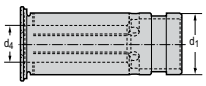
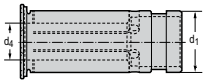
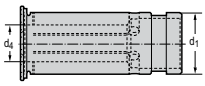
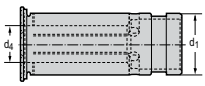
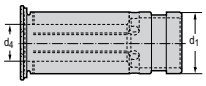
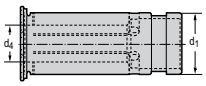
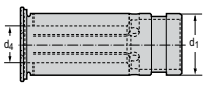
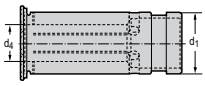
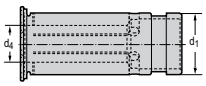
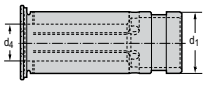
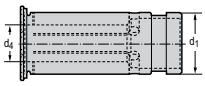
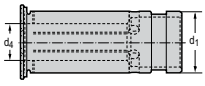
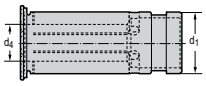
Tool



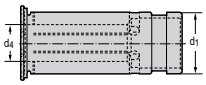
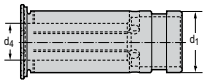
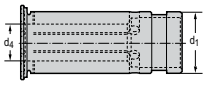
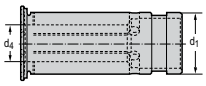
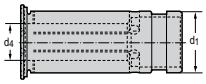
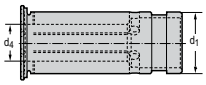
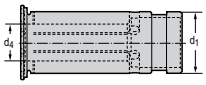
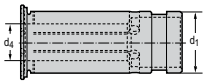
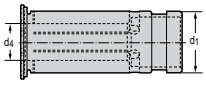
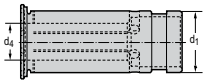
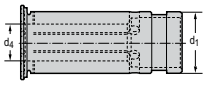
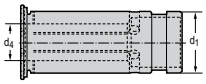
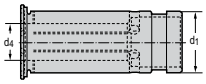
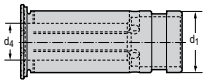
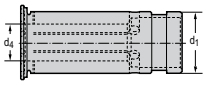
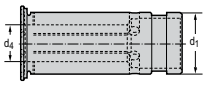
SK DIN 69871 AD/B

Designation	d_1	d_{11} mm	d_{12} mm	d_{14} mm	l_4 mm	l_{16} mm	l_{17} mm	$l_{17\,min}$ mm	d_{13}	kg
★ AB016-S40-P12-050	SK40	12	42	32	50	31	46	36	M16	1,1
★ AB016-S40-P20-065	SK40	20	49,3	38	64,5	45,5	51	41	M16	1,32
★ AB016-S50-P20-065	SK50	20	49,3	38	64,5	45,5	51	41	M24	3,04
★ AB016-S50-P32-081	SK50	32	72	58,5	81	62	61	51	M24	4

Accessories

	d_1	SK40	SK50
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2189	FS2199
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2190	FS2200
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2191	FS2201
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2192	FS2202
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2203	FS2203
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2193	FS2204
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2205	FS2205
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2206	FS2206
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2207	FS2207
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2208	FS2208
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2209	FS2209
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2210	FS2210
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2211	FS2211

Accessories

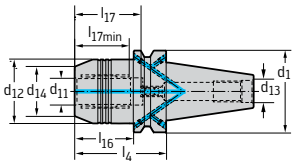
	d_1	SK40	SK50
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2212	FS2212
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2228
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2229
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2230
	d_4 = 25 mm Adaptor sleeves for PK	FS2194	FS2213
	d_4 = 25 mm Adaptor sleeves for PK	FS2195	FS2214
	d_4 = 25 mm Adaptor sleeves for PK	FS2196	FS2215
	d_4 = 25 mm Adaptor sleeves for PK	FS2197	FS2216
	d_4 = 25 mm Adaptor sleeves for PK	FS2198	FS2217
	d_4 = 25 mm Adaptor sleeves for PK	FS2218	FS2218
	d_4 = 25 mm Adaptor sleeves for PK	FS2219	FS2219
	d_4 = 25 mm Adaptor sleeves for PK	FS2220	FS2220
	d_4 = 25 mm Adaptor sleeves for PK	FS2221	FS2221
	d_4 = 25 mm Adaptor sleeves for PK		FS2237
	d_4 = 25 mm Adaptor sleeves for PK		FS2238
	d_4 = 25 mm Adaptor sleeves for PK		FS2239

E2

MAS-BT JIS B 6339 hydraulic expansion chuck

AB016-J mm

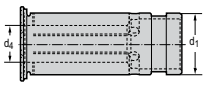
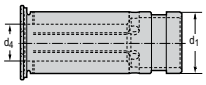
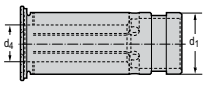
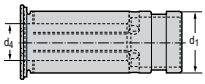
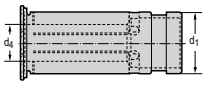
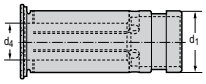
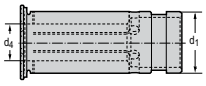
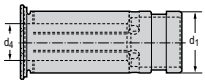
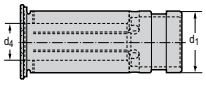
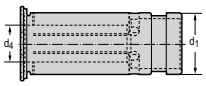
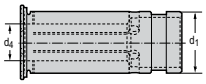
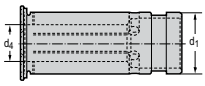
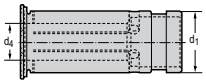
Tool



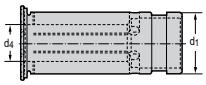
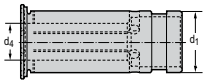
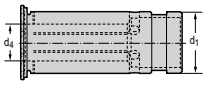
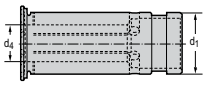
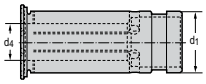
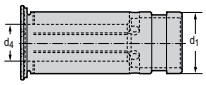
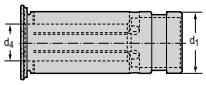
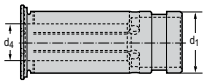
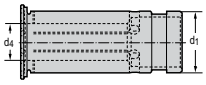
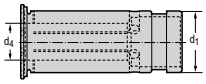
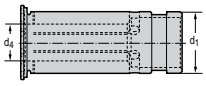
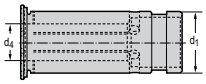
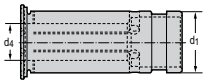
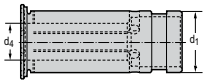
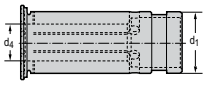
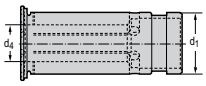
JIS B 6339

Designation	d_1	d_{11} mm	d_{12} mm	d_{14} mm	l_4 mm	l_{16} mm	l_{17} mm	$l_{17\,min}$ mm	d_{13}	kg
★ AB016-J30-P12-069	BT30	12	42	32	69	31	46	36	M12	0,85
★ AB016-J30-P20-090	BT30	20	42	38	90	51	51	41	M12	0,99
★ AB016-J40-P12-058	BT40	12	42	32	58	31	46	36	M16	1,25
★ AB016-J40-P20-072	BT40	20	49,3	38	72,5	45,5	51	41	M16	1,48
★ AB016-J50-P20-084	BT50	20	49,3	38	83,5	45,5	51	41	M24	4,04
★ AB016-J50-P32-090	BT50	32	72	58,5	90	52	61	51	M24	4,67

Accessories

	d_1	BT30–BT40	BT50
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2189	FS2199
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2190	FS2200
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2191	FS2201
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2192	FS2202
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2203	FS2203
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2193	FS2204
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2205	FS2205
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2206	FS2206
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2207	FS2207
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2208	FS2208
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2209	FS2209
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2210	FS2210
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2211	FS2211

Accessories

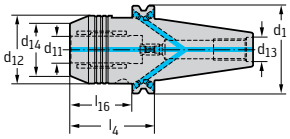
	d_1	BT30–BT40	BT50
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2212	FS2212
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2228
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2229
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2230
	d_4 = 25 mm Adaptor sleeves for PK	FS2194	FS2213
	d_4 = 25 mm Adaptor sleeves for PK	FS2195	FS2214
	d_4 = 25 mm Adaptor sleeves for PK	FS2196	FS2215
	d_4 = 25 mm Adaptor sleeves for PK	FS2197	FS2216
	d_4 = 25 mm Adaptor sleeves for PK	FS2198	FS2217
	d_4 = 25 mm Adaptor sleeves for PK	FS2218	FS2218
	d_4 = 25 mm Adaptor sleeves for PK	FS2219	FS2219
	d_4 = 25 mm Adaptor sleeves for PK	FS2220	FS2220
	d_4 = 25 mm Adaptor sleeves for PK	FS2221	FS2221
	d_4 = 25 mm Adaptor sleeves for PK		FS2237
	d_4 = 25 mm Adaptor sleeves for PK		FS2238
	d_4 = 25 mm Adaptor sleeves for PK		FS2239

E2

ASME B5.50 hydraulic expansion chuck

AB016.K mm

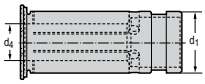
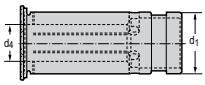
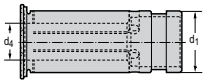
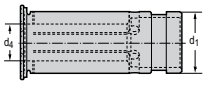
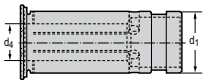
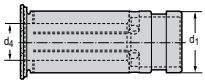
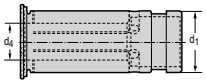
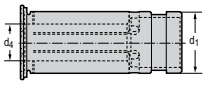
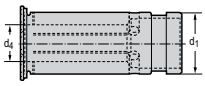
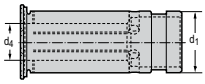
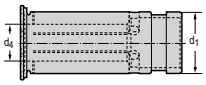
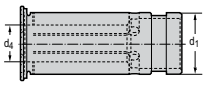
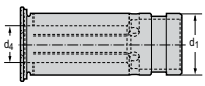
Tool



ASME B 5.50

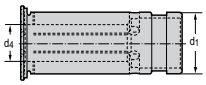
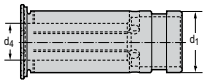
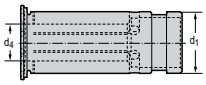
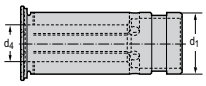
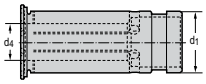
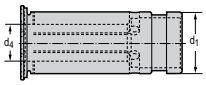
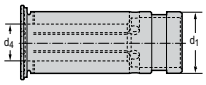
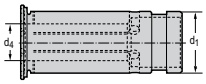
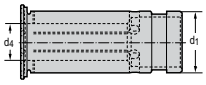
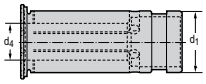
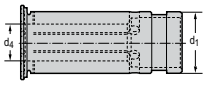
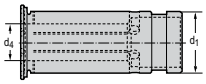
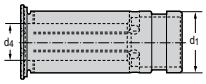
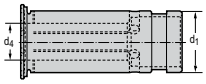
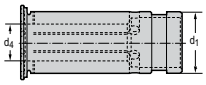
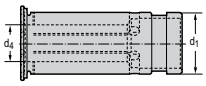
Designation	d_1	d_{11} mm	d_{12} mm	d_{14} mm	l_4 mm	l_{16} mm	l_{17} mm	$l_{17\,min}$ mm	d_{13}	kg
★ AB016.K40-P20-065	CAT40	20	49,3	38	64,5	45,5	51	41	5/8"-11	1,34
★ AB016.K50-P32-081	CAT50	32	72	58,5	81	62	61	51	1"-8	4,1

Accessories

	d_1	CAT40	CAT50
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2199	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2200	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2201	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2202	FS2222
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2203	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2204	FS2223
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2205	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2206	FS2224
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2207	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2208	FS2225
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2209	
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2210	FS2226
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2211	

E2

Accessories

	d_1	CAT40	CAT50
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling	FS2212	FS2227
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2228
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2229
	d_4 = 25 mm Adaptor sleeves sealed for int. cooling		FS2230
	d_4 = 25 mm Adaptor sleeves for PK	FS2213	
	d_4 = 25 mm Adaptor sleeves for PK	FS2214	
	d_4 = 25 mm Adaptor sleeves for PK	FS2215	
	d_4 = 25 mm Adaptor sleeves for PK	FS2216	FS2231
	d_4 = 25 mm Adaptor sleeves for PK	FS2217	FS2232
	d_4 = 25 mm Adaptor sleeves for PK	FS2218	FS2233
	d_4 = 25 mm Adaptor sleeves for PK	FS2219	FS2234
	d_4 = 25 mm Adaptor sleeves for PK	FS2220	FS2235
	d_4 = 25 mm Adaptor sleeves for PK	FS2221	FS2236
	d_4 = 25 mm Adaptor sleeves for PK		FS2237
	d_4 = 25 mm Adaptor sleeves for PK		FS2238
	d_4 = 25 mm Adaptor sleeves for PK		FS2239

E2

Assembly parts and accessories

				
	Boring bar adaptor	**Adaptor sleeves for peripheral cooling**	**Adaptor sleeves for peripheral cooling**	**DIN 6499 ER collets**
Designation	**A2140-W**	**FS...**	**SL...**	**C330**
Machine-side	Cylindrical shank with flat	Cylindrical shank	Cylindrical shank	DIN 6499
Tool-side	6 - 25	3 - 25	1 - 3/16	1.0 - 0.5 - 6.00 - 5.50
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A2140-W	FS	SL	C330

				
	DIN 6499 ER tapping collets	**Cooling nozzles for ER collets**	**Quick-change collet**	**Synchronised quick-change ER collet**
Designation	**C340**	**GL00..**	**A331**	**AB735-ER**
Machine-side	DIN 6499		Tap adapter SES	DIN 6499
Tool-side	10.00 x 8.00 - 9.00 x 7.00	ER32	10.00 x 8.00 - 9.00 x 7.00	8 - 19
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C340	GL00	A331	AB735-ER

Assembly parts and accessories

		
	Synchronised quick-change collet	Seal
Designation	**AB735-ER-R**	
Machine-side	Tap adapter SES	
Tool-side	10.00 x 8.00 - 9.00 x 7.00	ER32
Page in catalogue		
QR code		
www.walter-tools.com/woc/	AB735-ER-R	E1100

Sustainable action in all Business divisions

Create the Change

Sustainability is an essential Requirement for Walter to be successful as a company on the market in the long term. It is therefore a key component of our corporate strategy. Our responsible person for sustainability encompasses all areas: from product recycling, sustainable packaging, energy efficiency and the reduction of CO_2 emissions to our commitment to health and safety and responsible behaviour towards our business partners.

Visit our website:
www.walter-tools.com/en-gb/company/sustainable-company

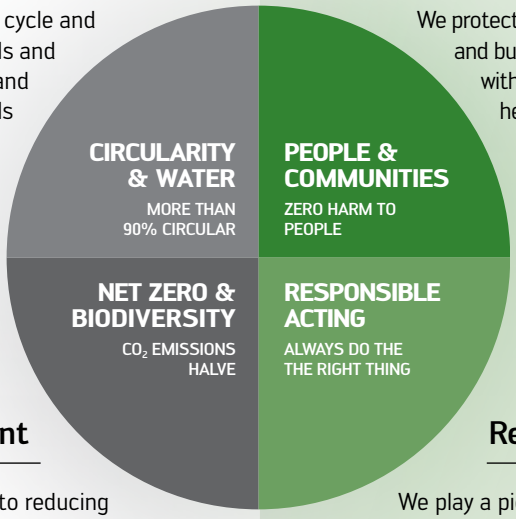
THE WALTER **SUSTAINABILITY GOALS** BY 2030

Circularity

We keep raw materials in the cycle and reuse them through circular business models and resources: e.g. through Reconditioning and recycling of tools tools, operating materials or packaging.

Human

We protect the health and safety of our employees and business partners and act in accordance with a fair Code of Conduct: e.g. by ensuring a healthy working environment and promoting diversity, equality and inclusion.



Environment

We make a significant contribution to reducing CO_2 emissions and thus our carbon footprint: e.g. by reducing or offsetting energy and emissions and sustainably optimising our processes.

Responsible person

We play a pioneering role in ethics, fairness and openness: e.g. by being transparent about sustainability goals and results and integrating compliance into our entire business operations.

PROVEN TO BE MANUFACTURED TO HIGH STANDARDS

All processes, procedures, methods and resources that we use are audited and evaluated by an independent body according to Hardness criteria: Occupational health and safety, Quality assurance and environmentally friendly behaviour are examples of this. Our social commitment shows that Walter takes his responsibility much further.

INTEGRITY NEXT

NQC

GOLD | Top 5% ecovadis Sustainability Rating JUL 2024

TYPE OF CERTIFICATION MARK DNV ISO 9001 • ISO 14001 ISO 45001 • ISO 50001

SCIENCE BASED TARGETS

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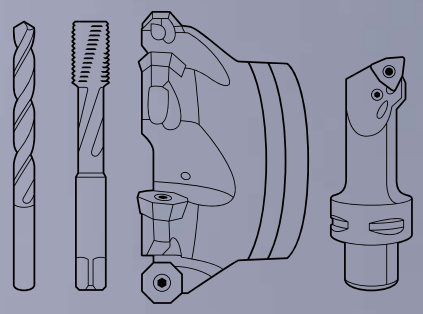

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